

**Universitas Sumatera Utara Partnerships for Publications**

No	AUTHORS NAME	Article Title	Year	Journal Name	Affiliation of Authors	Country of Authors
1	Iswanto A.H.; Sutiawan J.; Darwis A.; Lubis M.A.R.; Pędzik M.; Rogoziński T.; Fatriasari W.	Influence of Isocyanate Content and Hot-Pressing Temperatures on the Physical–Mechanical Properties of Particleboard Bonded with a Hybrid Urea–Formaldehyde/Isocyanate Adhesive	2023	Forests	Iswanto A.H., Department of Forest Products, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sutiawan J., Department of Forest Products, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Darwis A., School of Life Sciences and Technology, Institut Teknologi Bandung, Bandung, 40132, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproduct, National Research and Innovation of Indonesia, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Jatinangor, 45363, Indonesia; Pędzik M., Center of Wood Technology, Łukasiewicz Research Network, Poznan Institute of Technology, Poznan, 60-654, Poland, Department of Furniture Design, Faculty of Forestry and Wood Technology, Poznan University of Life Sciences, Poznan, 60-627, Poland; Rogoziński T., Department of Furniture Design, Faculty of Forestry and Wood Technology, Poznan University of Life Sciences, Poznan, 60-627, Poland; Fatriasari W., Research Center for Biomass and Bioproduct, National Research and Innovation of Indonesia, Cibinong, 16911, Indonesia	Poland
2	Lisha L.; Mousa S.; Arnone G.; Muda I.; Huerta-Soto R.; Shiming Z.	Corrigendum to “Natural resources, green innovation, fintech, and sustainability: A fresh insight from BRICS” [Resour. Pol. 80 (2023) 103119] (Resources Policy (2023) 80, (S0301420722005621), (10.1016/j.resourpol.2022.103119))	2023	Resources Policy	Lisha L., School of Business and Economics, University Putra Malaysia, UPM Serdang, Selangor Darul Ehsan, 43400, Malaysia, Ecological Environment Monitoring Center of Chengdu, Sichuan Province, China; Mousa S., Rennes School of Business, France; Arnone G., DIKE Research Group - Department of Private and Economic Law, Vrije Universiteit Brussel, Belgium; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Huerta-Soto R., Business Administration, Universidad Cesar Vallejo, Lima, Peru; Shiming Z., Ecological Environment Monitoring Center of Chengdu, Sichuan Province, China, Southwest University of Science and Technology, China	Malaysia, Belgium, Peru, China
3	Gandaseca S.; Ariyanto C.I.; Rahmawaty; Pazi A.M.M.	Carbon Storage of Mangrove Forests in Sarawak, Malaysia	2023	IOP Conference Series: Earth and Environmental Science	Gandaseca S., Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Selangor Darul Ehsan, Shah Alam, Malaysia, Institute for Biodiversity and Sustainable Development (IBSD), Universiti Teknologi MARA (UiTM), Selangor Darul Ehsan, Shah Alam, Malaysia; Ariyanto C.I., Faculty of Agriculture and Forestry, Universiti Putra Malaysia Bintulu Sarawak Campus, Sawarak, Malaysia; Rahmawaty, Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Indonesia, Natural Resources and Environmental Management Study Program, Postgraduate School, Universitas Sumatera Utara, Indonesia; Pazi A.M.M., Faculty of Agriculture and Forestry, Universiti Putra Malaysia Bintulu Sarawak Campus, Sawarak, Malaysia	Malaysia
4	Rahmawaty; Ismail M.H.; Rauf A.; Batubara R.; Elena Sitorus E.W.; Simamora Z.; Ginting E.F.	Land characteristics and land suitability assessment for <i>Styrax</i> sp. in Humbang Hasundutan Regency, North Sumatra, Indonesia	2023	Heliyon	Rahmawaty, Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Pancur Batu, Deli Serdang, 20353, North Sumatra, Indonesia, Natural Resources and Environmental Management Study Program, Postgraduate School, Universitas Sumatera Utara, Kampus USU, Medan, 20155, North Sumatra, Indonesia; Ismail M.H., Faculty of Forestry and Environment, Universiti Putra Malaysia, 43400, UPM, Serdang, Selangor Darul Ehsan, Malaysia; Rauf A., Natural Resources and Environmental Management Study Program, Postgraduate School, Universitas Sumatera Utara, Kampus USU, Medan, 20155, North Sumatra, Indonesia, Agroecotechnology Study Program, Faculty of Agriculture, Universitas Sumatera Utara, Jl. Prof. A Sofyan No. 3 Kampus USU, Medan, 20155, North Sumatra, Indonesia; Batubara R., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Pancur Batu, Deli Serdang, 20353, North Sumatra, Indonesia; Elena Sitorus E.W., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Pancur Batu, Deli Serdang, 20353, North Sumatra, Indonesia; Simamora Z., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Pancur Batu, Deli Serdang, 20353, North Sumatra, Indonesia; Ginting E.F., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Pancur Batu, Deli Serdang, 20353, North Sumatra, Indonesia	Malaysia

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5	Ramadan B.S.; Tina Rosmalina R.; Syafrudin; Munawir; Khair H.; Rachman I.; Matsumoto T.	Potential Risks of Open Waste Burning at the Household Level: A Case Study of Semarang, Indonesia	2023	Aerosol and Air Quality Research	Ramadan B.S., Graduate Programs in Environmental Systems, Graduate School of Environmental Engineering, The University of Kitakyushu, Fukuoka, 808-0135, Japan, Department of Environmental Engineering, Faculty of Engineering, Universitas Diponegoro, Central Java, 50275, Indonesia; Tina Rosmalina R., Research Centre for Environmental and Clean Technology, National Research and Innovation Agency, Jakarta Pusat, 10340, Indonesia; Syafrudin, Department of Environmental Engineering, Faculty of Engineering, Universitas Diponegoro, Central Java, 50275, Indonesia; Munawir, Computer Engineering Study Program, UPI Campus Cibiru, Universitas Pendidikan Indonesia, Bandung, 40393, Indonesia; Khair H., Environmental Engineering Department, Faculty of Engineering, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Rachman I., Graduate Programs in Environmental Systems, Graduate School of Environmental Engineering, The University of Kitakyushu, Fukuoka, 808-0135, Japan, Department of Natural Science Education, School of Postgraduate Studies, Universitas Pakuan, Jawa Barat, 16143, Indonesia; Matsumoto T., Graduate Programs in Environmental Systems, Graduate School of Environmental Engineering, The University of Kitakyushu, Fukuoka, 808-0135, Japan	Japan
6	Amin M.M.; Effendy E.; Camellia V.; Saragih M.; Kamil A.; Harsono R.	Validity and reliability of the Indonesian version of the Scale for the Assessment of Negative Symptoms	2023	Frontiers in Psychiatry	Amin M.M., Department of Psychiatry, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Effendy E., Department of Psychiatry, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Camellia V., Department of Psychiatry, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Saragih M., Department of Psychiatry, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Kamil A., Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Harsono R., Pediatric Critical Care Medicine, School of Medicine, Stanford University, Stanford, CA, United States	United States
7	Shilpa N.; Aashima; Khan S.; Chauhan R.; Muda I.; Gohatre U.B.	A Critical Investigation in Analysing the Design and Implementation of Internet of Things and Blockchain Systems for Industry 4.0	2023	3rd IEEE International Conference on ICT in Business Industry and Government, ICTBIG 2023	Shilpa N., School of Engineering, Sr University, Department of Ece, Telangana, Warangal, India; Aashima, Manipal University, Jaipur, India; Khan S., College of Clinical Pharmacy, King Faisal University, Department of Biomedical Sciences, Saudi Arabia; Chauhan R., Graphic Era Hill University, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Gohatre U.B., Smt. Indira Gandhi College of Engineering, Department of Electronics and Telecommunications Engineering, Maharashtra, Navi Mumbai, India	India, Saudi Arabia
8	Alghamdi M.I.; Candra O.; Sari A.; Muda I.; Ali M.Z.; Mohsen K.S.; Morovati R.; Bagheri B.	Investigation and statistical analysis of electrical energy production from the wind farm	2023	AIP Advances	Alghamdi M.I., Department of Computer Science, Al-Baha University, Al Baha, Saudi Arabia; Candra O., Department Teknik Elektro, Universitas Negeri Padang, Padang, Indonesia; Sari A., Department of Management Information Systems, Girne American University, North Cyprus Via Mersin 10, Kyrenia, Turkey; Muda I., Department of Doctoral Program, Faculty Economic and Business Universitas Sumatera Utara, Medan, 20222, Indonesia, USU Campus, Jl. Prof TM Hanafiah 12, Bulan, Padang, Medan, Indonesia; Ali M.Z., College of Technical Engineering, Computer Technical Engineering, The Islamic University, Najaf, Iraq; Mohsen K.S., Information and Communication Technology Research Group, Scientific Research Center, Al-Ayen University, Thi-Qar, Iraq; Morovati R., Department of Mechanics, Kabul University, Kabul, Afghanistan; Bagheri B., Department of Geography, Payame Noor University, Tehran, Iran	Saudi Arabia, Iraq, Afghanistan, Iran
9	Zahedi Z.; Kamil A.A.; Fajriana F.; Siswadi S.; Almir A.; Suparni S.	MAPLE AS A TOOL FOR THE TEACHING OF CYCLOTOMIC POLYNOMIALS ELEMENTARILY	2023	Teaching of Mathematics	Zahedi Z., Universitas Sumatera Utara, Indonesia; Kamil A.A., Istanbul Gelisim University, Turkey; Fajriana F., Prodi Pendidikan Matematika, Universitas Malikussaleh, Jln. Cot Tengku Nie Reuleut, Muara Batu, Aceh, Aceh Utara, Indonesia; Siswadi S., University Singaperbangsa, Karawang, Jl. HS. Ronggo Waluyo, Teluk Jambe Timur, Jawa Barat, Ka-rawang, 41361, Indonesia; Almir A., Department of Mathematics, UIN Syahada Padangsidempuan, Jln. T. Rizal Nurdin km 4.5 Sihitang, Padangsidempuan, Indonesia; Suparni S., Department of Mathematics, UIN Syahada Padangsidempuan, Jln. T. Rizal Nurdin km 4.5 Sihitang, Padangsidempuan, Indonesia	Turkiye

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10	Kasih Telaumbanua I.; Oishi Y.; Ogawa D.; Kawai H.; Ambarita H.	Determination of the optimum biogas energy ratio in dual-fuel biodiesel used in cooking oil-biogas operation	2023	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	Kasih Telaumbanua I., Division of Production Systems Engineering, Muroran Institute of Technology, Hokkaido, Muroran, Japan; Oishi Y., Division of Production Systems Engineering, Muroran Institute of Technology, Hokkaido, Muroran, Japan; Ogawa D., Division of Production Systems Engineering, Muroran Institute of Technology, Hokkaido, Muroran, Japan; Kawai H., Division of Production Systems Engineering, Muroran Institute of Technology, Hokkaido, Muroran, Japan; Ambarita H., Department of Mechanical Engineering, University of Sumatera Utara, Medan, Indonesia	Japan
11	Sutanto E.; Astawa P.E.; Fahmi F.; Hamid M.I.; Yazid M.; Shalannanda W.; Aziz M.	Lithium-Ion Battery State-of-Charge Estimation from the Voltage Discharge Profile Using Gradient Vector and Support Vector Machine	2023	Energies	Sutanto E., Department of Physics, Faculty of Science and Technology, Universitas Airlangga, Kampus C Unair Mulyorejo, Surabaya, 60115, Indonesia; Astawa P.E., East Java Distribution, Perusahaan Listrik Negara, Surabaya, 60271, Indonesia; Fahmi F., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Hamid M.I., Department of Electrical Engineering, Universitas Andalas, Padang, 25163, Indonesia; Yazid M., Biomedical Engineering Department, Institut Teknologi Sepuluh Nopember, Surabaya, 60111, Indonesia; Shalannanda W., School of Electrical Engineering and Informatics, Bandung Institute of Technology, Bandung, 40132, Indonesia; Aziz M., Institute of Industrial Science, The University of Tokyo, Tokyo, 153-8550, Japan	Japan
12	Mat Lazim Z.; Salmiati S.; Marpongahtun M.; Arman N.Z.; Mohd Haniffah M.R.; Azman S.; Yong E.L.; Salim M.R.	Distribution of Silver (Ag) and Silver Nanoparticles (AgNPs) in Aquatic Environment	2023	Water (Switzerland)	Mat Lazim Z., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Salmiati S., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia, Department of Water and Environmental Engineering, Faculty of Civil Engineering, Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Marpongahtun M., Department of Chemistry, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Medan, 20155, Indonesia; Arman N.Z., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Mohd Haniffah M.R., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia, Department of Water and Environmental Engineering, Faculty of Civil Engineering, Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Azman S., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Yong E.L., Centre for Environmental Sustainability and Water Security (IPASA), Research Institute for Sustainable Environment (RISE), Universiti Teknologi Malaysia, Skudai, 81310, Malaysia, Department of Water and Environmental Engineering, Faculty of Civil Engineering, Universiti Teknologi Malaysia, Skudai, 81310, Malaysia; Salim M.R., Civil Engineering Department, Faculty of Engineering, Technology and Built Environment, UCSI University, Cheras, Kuala Lumpur, 56000, Malaysia	Malaysia
13	Prasetyo B.E.; Azmi N.; Laila L.; Shamsuddin A.F.	Propofol Quantification method in Palm Oil Based Nanoemulsion Formula using RP-HPLC	2023	Research Journal of Pharmacy and Technology	Prasetyo B.E., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia, Nanomedicine Center of Innovation, Universitas Sumatera Utara, Medan, 20155, Indonesia; Azmi N., Faculty of Pharmacy, Universiti Kebangsaan Malaysia, Jalan Raja Muda Abdul Aziz, Kuala Lumpur, 50300, Malaysia; Laila L., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia, Nanomedicine Center of Innovation, Universitas Sumatera Utara, Medan, 20155, Indonesia; Shamsuddin A.F., Faculty of Pharmacy and Health Sciences, University Kuala Lumpur Royal College of Medicine Perak (UniKL RCMP), No. 3 Jalan Greentown, Perak, Ipoh, 30450, Malaysia	Malaysia

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14	Suprianto; Chen C.-L.	Study of Cu Effect and In-situ Ytria Dispersoids on Microstructure Evolution of Mechanically Alloyed CoFeNiCrCu High Entropy Alloys	2023	Metals and Materials International	Suprianto, Department of Materials Science and Engineering, National Dong Hwa University, No. 1, Sec. 2, Da Hsueh Rd, Shoufeng, Hualien, 97401, Taiwan, Faculty of Engineering, Department of Mechanical Engineering, Universitas Sumatera Utara, Padang bulan, Medan, 20155, Indonesia; Chen C.-L., Department of Materials Science and Engineering, National Dong Hwa University, No. 1, Sec. 2, Da Hsueh Rd, Shoufeng, Hualien, 97401, Taiwan	Taiwan
15	Widyawati T.; Sari D.K.; Sumantri I.B.; Mustanti L.F.; Yusoff N.A.	Phytochemical Screening and DPPH Assay of Talas Padang (Colocasia gigantea) Ethanol Leaf Extract	2023	IOP Conference Series: Earth and Environmental Science	Widyawati T., Pharmacology and Therapeutic Department, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Master Program in Tropical Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Sari D.K., Master Program in Tropical Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Nutrition Department, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Sumantri I.B., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Mustanti L.F., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Yusoff N.A., Integrative Medicine Cluster, Advanced Medical and Dental Institute, Universiti Sains Malaysia, Penang, Malaysia	Malaysia
16	Sembiring N.; Febrilliandika B.	An Improved Genetic Algorithm Optimization by Driver Preference Route Mining for Minimizing Actual Travel Time	2023	Proceedings - ICT 2023 - 29th International Conference on Telecommunications: Next-Generation Telecommunications for Digital Inclusion and Universal Access Bioenergy Research	Sembiring N., Universitas Sumatera Utara, Department of Industrial Engineering, Medan, Indonesia; Febrilliandika B., National Taipei University of Technology, Department of Industrial Engineering and Management, Taipei, Taiwan	Taiwan
17	Gea S.; Hutapea Y.A.; Piliang A.F.R.; Pulungan A.N.; Rahayu R.; Layla J.; Tikoalu A.D.; Wijaya K.; Saputri W.D.	A Comprehensive Review of Experimental Parameters in Bio-oil Upgrading from Pyrolysis of Biomass to Biofuel Through Catalytic Hydrodeoxygenation	2023		Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Hutapea Y.A., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Piliang A.F.R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Pulungan A.N., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Jl. Willem Iskandar Pasar V Medan Estate, Medan, 20221, Indonesia; Rahayu R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Jl. Willem Iskandar Pasar V Medan Estate, Medan, 20221, Indonesia; Layla J., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Jl. Willem Iskandar Pasar V Medan Estate, Medan, 20221, Indonesia; Tikoalu A.D., Institute for Nanoscale Science and Technology, Flinders University, Bedford Park, 5042, SA, Australia; Wijaya K., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Gadjah Mada University, Sekip Utara Bulaksumur, Yogyakarta, 55281, Indonesia; Saputri W.D., Research Center for Quantum Physics, National Research and Innovation Agency (BRIN), Tangerang Selatan, 15314, Indonesia	Australia
18	Nasution U.R.P.; Nababan A.M.; Malik J.; Budiarto R.; Nainggolan P.I.; Rahmat R.F.	Random Forest Classification in Cocoa Pods Disease	2023	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies	Nasution U.R.P., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia; Nababan A.M., Universitas Sumatera Utara, Department of Computer Science, Medan, Indonesia; Malik J., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia; Budiarto R., Albaha University, College of Computer Science and Information Technology, Albaha, Saudi Arabia; Nainggolan P.I., Universitas Sumatera Utara, Department of Computer Science, Medan, Indonesia; Rahmat R.F., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia	Sauda Arabia
19	Yahya M.; Fahmi H.; Hasibuan R.; Fudholi A.	Development of hybrid solar-assisted heat pump dryer for drying paddy	2023	Case Studies in Thermal Engineering	Yahya M., Fakultas Teknologi Industri, Institut Teknologi Padang, Indonesia; Fahmi H., Fakultas Teknologi Industri, Institut Teknologi Padang, Indonesia; Hasibuan R., Departemen Teknik Kimia, Universitas Sumatera Utara, Medan, Indonesia; Fudholi A., Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia, Center for Energy Conversion and Conservation, National Research and Innovation Agency (BRIN), Indonesia	Malaysia

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20	Indharty R.S.; Rustika; Sylvana B.; Susilo L.M.; Rachmawati T.; Zuchdi Z.; Cahyono I.; Hamdani M.I.S.; Kusnali A.; Musadad D.A.; Firdaus M.; Asyary A.; Memish Z.A.	Hygiene and Health Coaching for Community Readiness to Perform the Hajj during an Ongoing COVID-19 Pandemic	2023	Tropical Medicine and Infectious Disease	Indharty R.S., Department of Neurosurgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, 20155, Indonesia; Rustika, Indonesian National Research and Innovation Agency (BRIN), Bandung, 40173, Indonesia; Sylvana B., Surabaya Health Laboratory Center (BBLK Surabaya), Indonesian Ministry of Health, Gubeng, 60286, Indonesia; Susilo L.M., Heath Center for Hajj, Indonesian Ministry of Health, Jakarta, 12940, Indonesia; Rachmawati T., Indonesian National Research and Innovation Agency (BRIN), Bandung, 40173, Indonesia; Zuchdi Z., Heath Center for Hajj, Indonesian Ministry of Health, Jakarta, 12940, Indonesia; Cahyono I., Heath Center for Hajj, Indonesian Ministry of Health, Jakarta, 12940, Indonesia; Hamdani M.I.S., Heath Center for Hajj, Indonesian Ministry of Health, Jakarta, 12940, Indonesia; Kusnali A., Indonesian National Research and Innovation Agency (BRIN), Bandung, 40173, Indonesia; Musadad D.A., Indonesian National Research and Innovation Agency (BRIN), Bandung, 40173, Indonesia; Firdaus M., Heath Center for Hajj, Indonesian Ministry of Health, Jakarta, 12940, Indonesia; Asyary A., Department of Environmental Health, Faculty of Public Health, Universitas Indonesia, Depok, 16424, Indonesia; Memish Z.A., Director Research and Innovation Centre, King Saud Medical City, Ministry of Health and College of Medicine, Alfaisal University, Riyadh, 11533, Saudi Arabia, Hubert Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, 30322, GA, United States	Saudi Arabia, United States
21	Aritonang S.P.; Siburian R.; Tamrin; Ali A.M.M.	Synthesis and characterization of Fe on graphene nanosheets	2023	AIP Conference Proceedings	Aritonang S.P., Postgraduate School, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia, Faculty of Agriculture, Universitas Methodist Indonesia, Jl. Harmonika Baru Pasar II Tanjung Sari, Medan, 20151, Indonesia; Siburian R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Tamrin, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Ali A.M.M., Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia	Malaysia
22	Purba R.H.; Shimizu K.; Kusumoto K.; Gaqi Y.; Huq M.J.	A Study of the Three-Body Abrasive Wear Resistance of 5V/5Nb-5Cr-5Mo-5W-5Co-Fe Multicomponent Cast Alloys with Different Carbon Percentages	2023	Materials	Purba R.H., Department of Production Systems Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan, Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Shimizu K., Department of Production Systems Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Kusumoto K., Department of Production Systems Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Gaqi Y., Department of Production Systems Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Huq M.J., Department of Production Systems Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan	Japan
23	Bahar T.M.A.; Kamello T.; Suhadi S.; Saidin S.; Trihasworo R.H.B.	Contractual Obligations in Financing with Fiduciary Security in Indonesia in the Context of Justice	2023	Lex Scientia Law Review	Bahar T.M.A., Faculty of Law, Universitas Sumatera Utara, Medan, Indonesia; Kamello T., Faculty of Law, Universitas Sumatera Utara, Medan, Indonesia; Suhadi S., Faculty of Law, Universitas Sumatera Utara, Medan, Indonesia; Saidin S., Faculty of Law, Universitas Sumatera Utara, Medan, Indonesia; Trihasworo R.H.B., Department of Business Administration, Coburg University of Applied Science, Coburg, Germany	Germany
24	Rahman M.; Rasyid L.M.; Yulia Y.	The Principle of Non-refoulement as 'Urf in Muslim Societies	2023	Manchester Journal of Transnational Islamic Law and Practice	Rahman M., Universitas Syiah, Kuala, Indonesia, School of Law, University of Pittsburgh, PA, United States, Universitas Malikussaleh, Indonesia; Rasyid L.M., Universitas Jambi, Indonesia, Universitas Sumatera Utara, Indonesia, Institute for Roman Law and Common Law, George-August Universität Göttingen, Germany; Yulia Y., Universitas Syiah, Kuala, Indonesia, Universitas Padjadjaran, Bandung, Indonesia, Universiti Kebangsaan Malaysia, Malaysia	United States, Germany, Malaysia

No	AUTHORS NAME	Article Title	Year	Journal Name	Affiliation of Authors	Country of Authors
25	Suhesti E.; Zalizar L.; Triwanto J.; Ervayendri E.; Hendroko Setyobudi R.; Tri Waskitho N.; Tarik Ibrahim J.; Maftuchah M.; Hadinoto H.; Vinceviča-Gaile Z.; Tonda R.; Anggara A.; Hartono R.; Utami Lestari S.; Agung Pakarti T.	Quality Assessment on Honey Produced from Six Months Old Acacia crassicarpa	2023	E3S Web of Conferences	Suhesti E., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia, Universitas Lancang Kuning, Jl. Yos Sudarso km 8 Rumbai, Riau, Pekanbaru, 28261, Indonesia; Zalizar L., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Triwanto J., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Ervayendri E., Universitas Lancang Kuning, Jl. Yos Sudarso km 8 Rumbai, Riau, Pekanbaru, 28261, Indonesia; Hendroko Setyobudi R., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Tri Waskitho N., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Tarik Ibrahim J., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Maftuchah M., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Hadinoto H., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia, Universitas Lancang Kuning, Jl. Yos Sudarso km 8 Rumbai, Riau, Pekanbaru, 28261, Indonesia; Vinceviča-Gaile Z., University of Latvia, Jelgavas Street 1, Riga, LV-1004, Latvia; Tonda R., University of Muhammadiyah Malang, Jl. Raya Tlogo Mas No. 246, East Java, Malang, 65144, Indonesia; Anggara A., Universitas Lancang Kuning, Jl. Yos Sudarso km 8 Rumbai, Riau, Pekanbaru, 28261, Indonesia; Hartono R., University of Sumatera Utara, Jl. Tri Dharma Ujung, Kampus USU, North Sumatera, Medan, 20155, Indonesia; Utami Lestari S., Universitas Lancang Kuning, Jl. Yos Sudarso km 8 Rumbai, Riau, Pekanbaru, 28261, Indonesia; Agung Pakarti T., University of Brawijaya, Jl. Veteran, East Java, Malang, 65145, Indonesia, Mayantara School, Jl. Puncak Mandala No.40A, East Java, Malang, 65146, Indonesia	Latvia
26	Karuniawati A.; Burhan E.; Koendhori E.B.; Sari D.; Haryanto B.; Nuryastuti T.; Gayatri A.A.A.Y.; Bahrin U.; Kusumawati R.L.; Sugiyono R.I.; Susanto N.H.; Diana A.; Kosasih H.; Naysilla A.M.; Lokida D.; Neal A.; Siddiqui S.; Lau C.-Y.; Karyana M.	Performance of Xpert MTB/RIF and sputum microscopy compared to sputum culture for diagnosis of tuberculosis in seven hospitals in Indonesia	2023	Frontiers in Medicine	Karuniawati A., Department of Microbiology, Faculty of Medicine, Universitas Indonesia, Dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia; Burhan E., Department of Pulmonary and Respiratory Medicine, Faculty of Medicine, Universitas Indonesia, Persahabatan Hospital, Jakarta, Indonesia; Koendhori E.B., Department of Medical Microbiology, Faculty of Medicine, Universitas Airlangga, Dr. Soetomo Hospital, Surabaya, Indonesia; Sari D., Department of Microbiology, Faculty of Medicine, Universitas Diponegoro, Dr. Kariadi Hospital, Semarang, Indonesia; Haryanto B., Microbiology Unit, Persahabatan Hospital, Jakarta, Indonesia; Nuryastuti T., Department of Microbiology, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Yogyakarta, Indonesia; Gayatri A.A.A.Y., Department of Internal Medicine, Faculty of Medicine, Universitas Udayana, Prof. IGNG. Ngoerah General Hospital, Bali, Indonesia; Bahrin U., Department of Clinical Pathology, Faculty of Medicine, University of Hasanuddin, Dr. Wahidin Sudirohusodo Hospital, Makassar, Indonesia; Kusumawati R.L., Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, H. Adam Malik General Hospital, Medan, Indonesia; Sugiyono R.I., Indonesia Research Partnership on Infectious Disease (INA-RESPOND), Jakarta, Indonesia; Susanto N.H., Indonesia Research Partnership on Infectious Disease (INA-RESPOND), Jakarta, Indonesia; Diana A., Indonesia Research Partnership on Infectious Disease (INA-RESPOND), Jakarta, Indonesia, Department of Public Health, Faculty of Medicine, Universitas Padjadjaran, Sumedang, Indonesia; Kosasih H., Indonesia Research Partnership on Infectious Disease (INA-RESPOND), Jakarta, Indonesia; Naysilla A.M., Indonesia Research Partnership on Infectious Disease (INA-RESPOND), Jakarta, Indonesia; Lokida D., Department of Clinical Pathology, Tangerang District Hospital, Tangerang, Indonesia; Neal A., National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States; Siddiqui S., National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States; Lau C.-Y., HIV Dynamics and Replication Program, Center for Cancer Research,	United States

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27	Akasah W.; Chou L.S.	Visual screening of potassium solubilizing bacteria for increasing the solubilization of potassium minerals	2023	IOP Conference Series: Earth and Environmental Science	Akasah W., Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia, Department of Bioagricultural Science, College of Agriculture, National Chiayi University, Chiayi, Taiwan; Chou L.S., Department of Bioagricultural Science, College of Agriculture, National Chiayi University, Chiayi, Taiwan	Taiwan
28	Purba R.H.; Kusumoto K.; Shimizu K.; Efremenko V.	Erosive Wear Behavior of Novel Hybrid Multicomponent Cast Alloys with Different C and B Contents	2023	Lubricants	Purba R.H., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan, Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Kusumoto K., College of Design & Manufacturing Technology, Muroran Institute of Technology, Muroran, 050-8585, Japan; Shimizu K., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Efremenko V., Physics Department, Pryazovskyi State Technical University, Mariupol, 87555, Ukraine	Japan, Ukraine
29	Arief Y.Z.; Sait J.; Aulia; Mubarakah N.; Siregar Y.; Masdi H.	Simulation Investigation of Rolling Sphere Method as Lightning Protection System for Buildings Using AutoCAD - 3D Lightning Software	2023	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies	Arief Y.Z., Universiti Malaysia Sarawak (UNIMAS), Faculty of Engineering, Dept. of Electrical and Electronic Eng., Sarawak, Kota Samarahan, 94300, Malaysia, Jakarta Global University (JGU), Faculty of Engineering & Information System, Dept. of Electrical Engineering, West Java, Depok, 16412, Indonesia; Sait J., Universiti Malaysia Sarawak (UNIMAS), Faculty of Engineering, Dept. of Electrical and Electronic Eng., Sarawak, Kota Samarahan, 94300, Malaysia; Aulia, Universitas Andalas (UNAND), Faculty of Engineering, Dept. of Electrical Engineering, West Sumatra, Padang, Indonesia; Mubarakah N., Universitas Sumatera Utara (USU), Faculty of Engineering, Dept. of Electrical Engineering, North Sumatra, Medan, 20155, Indonesia; Siregar Y., Universitas Sumatera Utara (USU), Faculty of Engineering, Dept. of Electrical Engineering, North Sumatra, Medan, 20155, Indonesia; Masdi H., Universitas Negeri Padang (UNP), Faculty of Engineering, Dept. of Electrical & Electronic Engineering, West Sumatra, Padang, Indonesia	Malaysia
30	Candra A.; Tsai H.-C.; Saragi I.R.; Hu C.-C.; Yu W.-T.; Krishnamoorthi R.; Hong Z.-X.; Lai J.-Y.	Fabrication and characterization of hybrid eco-friendly high methoxyl pectin/gelatin/TiO <sub>2</sub> /curcumin (PGTC) nanocomposite biofilms for salmon fillet packaging	2023	International Journal of Biological Macromolecules	Candra A., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Tsai H.-C., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, Advanced Membrane Materials Center, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, R&D Center for Membrane Technology, Chung Yuan Christian University, Chungli, Taoyuan, 320, Taiwan; Saragi I.R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Hu C.-C., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, Advanced Membrane Materials Center, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Yu W.-T., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Krishnamoorthi R., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Hong Z.-X., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Lai J.-Y., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, Advanced Membrane Materials Center, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, R&D Center for Membrane Technology, Chung Yuan Christian University, Chungli, Taoyuan, 320, Taiwan, Department of Chemical Engineering and Materials Science, Yuan Ze University, Taoyuan, 320, Taiwan	Taiwan

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31	Arief Y.Z.; Abut A.L.A.; Mubarakah N.; Siregar Y.; Eteruddin H.; Masdi H.	Simulation Investigation of Solar PV Rooftop Design at Faculty of Engineering-Universiti Malaysia Sarawak Building, Malaysia	2023	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies	Arief Y.Z., Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS), Dept.of Electrical and Electronic Eng., Sarawak, Kota Samarahan, 94300, Malaysia, Faculty of Engineering & Information System, Jakarta Global University (JGU), Dept. of Electrical Engineering, West Java, Depok, 16412, Indonesia; Abut A.L.A., Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS), Dept.of Electrical and Electronic Eng., Sarawak, Kota Samarahan, 94300, Malaysia; Mubarakah N., Universitas Sumatera Utara (USU), Department of Electrical Engineering, Medan, Indonesia; Siregar Y., Universitas Sumatera Utara (USU), Department of Electrical Engineering, Medan, Indonesia; Eteruddin H., Faculty of Engineering, Universitas Lancang Kuning (UNILAK), Dept. of Electrical Engineering, Riau, Rumbai, 28265, Indonesia; Masdi H., Faculty of Engineering, Universitas Negeri Padang (UNP), Dept. of Electrical & Electronic Engineering, West Sumatra, Padang, Indonesia	Malaysia
32	Ze F.; Yu W.; Ali A.; Hishan S.S.; Muda I.; Khudoykulov K.	Influence of natural resources, ICT, and financial globalization on economic growth: Evidence from G10 countries	2023	Resources Policy	Ze F., Yiwu Innovation Institute, Yiwu Industrial & Commercial College, Yiwu, 322000, China; Yu W., Chinese Academy of International Trade and Economic Cooperation, Beijing, 100710, China; Ali A., Department of Management, College of Business Administration, Prince Sattam Bin Abdulaziz University, Al-Kharj, Saudi Arabia; Hishan S.S., Azman Hashim International Business School, Universiti Teknologi Malaysia, Malaysia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia, Jl. Prof TM Hanafiah 12, USU Campus, Padang Bulan, Medan, 20155, Indonesia; Khudoykulov K., Tashkent State University of Economics, Department of Finance, Doctor of Science in Economics, Uzbekistan	China, Saudi Arabia, Malaysia, Uzbekistan
33	Surya I.; Marpongahtun; Hayeemasae N.	Oleamide as palm-oil based substance for silica-loaded styrene butadiene rubber compound: The cure and crosslinks behaviors	2023	IOP Conference Series: Earth and Environmental Science	Surya I., Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Marpongahtun, Department of Chemistry Science, Universitas Sumatera Utara, Medan, 20155, Indonesia; Hayeemasae N., Department of Rubber Technology and Polymer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Pattani, 94000, Thailand	Thailand
34	Noor S.K.; Jusoh M.; Sabapathy T.; Rambe A.H.; Vettikalladi H.; M. Albishi A.; Himdi M.	A Patch Antenna with Enhanced Gain and Bandwidth for Sub-6 GHz and Sub-7 GHz 5G Wireless Applications	2023	Electronics (Switzerland)	Noor S.K., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Kangar, 01000, Malaysia; Jusoh M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Kangar, 01000, Malaysia; Sabapathy T., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Kangar, 01000, Malaysia; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Vettikalladi H., Electrical Engineering Department, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; M. Albishi A., Electrical Engineering Department, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; Himdi M., Institute of Electronic Technologies Research (IETR), University of Renne, Renne, 35042, France	Malaysia
35	Sutatminingsih R.; Zulkarnain I.; Sibarani R.; Ahmad N.S.; Hussain Z.; Husain Z.	Self-disclosure of Indonesian and Malaysian communities regarding COVID-19: A multicultural study	2023	Cogent Social Sciences	Sutatminingsih R., Department of Psychology, Universitas Sumatera Utara, Medan, Indonesia; Zulkarnain I., Department of Communication Science, Universiti Sains Malaysia, Medan, Malaysia; Sibarani R., Department of Malay Literature, Universitas Sumatera Utara, Medan, Indonesia, Curriculum Unit, Secondary Education Department, Majlis Amanah Rakyat Malaysia, Malaysia; Ahmad N.S., Curriculum Unit, Secondary Education Department, Majlis Amanah Rakyat Malaysia, Malaysia, Master of Counseling, School of Educational Studies, Universiti Sains Malaysia, Penang, Malaysia; Hussain Z., Curriculum Unit, Secondary Education Department, Majlis Amanah Rakyat Malaysia, Malaysia; Husain Z., Counseling Program, Faculty of Business, Economic and Social	Malaysia

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36	Wijerathne T.; Sari D.K.; Adithya D.; Liyanage T.; Kumaranayake R.	Need Action for No Relationship Between Emotional Intelligence on Physical Activity Among Undergraduates in Colombo District	2023	Journal of Multidisciplinary Healthcare	Wijerathne T., Department of Psychology, Faculty of Health Sciences, Kaatsu International University (KIU), Western Province, Battaramulla, 10120, Sri Lanka; Sari D.K., Department of Nutrition, Faculty of Medicine, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Adithya D., Department of Sports Sciences and Physical Education, Faculty of Applied Sciences, Sabaragamuwa University, Belihuloya, 70140, Sri Lanka; Liyanage T., Department of Philosophy, Faculty of Social Sciences, University of Kelaniya, Kelaniya, 11600, Sri Lanka; Kumaranayake R., Department of Psychology, Faculty of Health Sciences, Kaatsu International University (KIU), Western Province, Battaramulla, 10120, Sri Lanka	Sri Lanka
37	Fitri F.I.; Lage C.; Mollayeva T.; Santamaria-Garcia H.; Chan M.; Cominetti M.R.; Daria T.; Fallon G.; Gately D.; Gichu M.; Giménez S.; Zuniga R.G.; Hadad R.; Hill-Jarrett T.; O'Kelly M.; Martinez L.; Modjaji P.; Ngcobo N.; Nowak R.; Ogbuagu C.; Roche M.; Aguzzoli C.S.; Shin S.Y.; Smith E.; Yoseph S.A.; Zewde Y.; Ayhan Y.	Empathy as a crucial skill in disrupting disparities in global brain health	2023	Frontiers in Neurology	Fitri F.I., Department of Neurology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland; Lage C., Department of Neurology, Marques de Valdecilla University Hospital - Valdecilla Research Institute (IDIVAL), Santander, Spain, Global Brain Health Institute/Trinity College, UCSF, San Francisco, CA, United States; Mollayeva T., Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland, Canada Research Chairs, Ottawa, ON, Canada, The KITE Research Institute, Toronto Rehabilitation Institute, University Health Network, Toronto, ON, Canada, Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada, Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada, Acquired Brain Injury Research Lab, Department of Occupational Science and Occupational Therapy, Faculty of Medicine, University of Toronto, Toronto, ON, Canada; Santamaria-Garcia H., Global Brain Health Institute/Trinity College, UCSF, San Francisco, CA, United States, Center of Memory and Cognition Intellectus, Hospital Universitario San Ignacio Bogotá, Bogotá, Colombia, Pontificia Universidad Javeriana (PhD Program in Neuroscience) Bogotá, Bogotá, Colombia; Chan M., Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland, Department of Social Sciences, University of Luxembourg, Luxembourg, Luxembourg; Cominetti M.R., Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland, Department of Gerontology, Federal University of São Carlos, São Carlos, Brazil; Daria T., Global Brain Health Institute/Trinity College, UCSF, San Francisco, CA, United States, Gladstone Institutes, San Francisco, CA, United States; Fallon G., Global Brain Health Institute/Trinity College, UCSF, San Francisco, CA, United States; Gately D., Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland; Gichu M., Senior Atlantic Fellow at the Global Brain Health Institute/Trinity College, UCSF, Dublin, Ireland, Division of Geriatric Medicine at the Ministry of Health Nairobi Kenya; Giménez S., Global Brain Health Institute/Trinity College	Ireland, Canada
38	Purba M.A.; Khoo Y.W.; Qiu K.; Liu G.	In-Silico Primer Designing and PCR for Detection of Foot and Mouth Disease Virus (FMDV)	2023	IOP Conference Series: Earth and Environmental Science	Purba M.A., National Engineering Research Center of Biological Feed, Institute of Feed Research, Chinese Academy of Agricultural Sciences, Beijing, 100081, China, Animal Science Program Study, Faculty of Agriculture, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia; Khoo Y.W., State Key Laboratory for Biology of Plant Diseases and Insect Pests, Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing, 100193, China; Qiu K., National Engineering Research Center of Biological Feed, Institute of Feed Research, Chinese Academy of Agricultural Sciences, Beijing, 100081, China; Liu G., National Engineering Research Center of Biological Feed, Institute of Feed Research, Chinese Academy of Agricultural Sciences, Beijing, 100081, China	China

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39	Hijji M.; Chen T.-C.; Ayaz M.; Abosinnee A.S.; Muda I.; Razoumny Y.; Hatamiafkoueih J.	Optimization of State of the Art Fuzzy-Based Machine Learning Techniques for Total Dissolved Solids Prediction	2023	Sustainability (Switzerland)	Hijji M., Faculty of Computers and Information Technology, University of Tabuk, Tabuk, 71491, Saudi Arabia; Chen T.-C., College of Management and Design, Ming Chi University of Technology, New Taipei City, 243303, Taiwan; Ayaz M., Sensor Networks and Cellular Systems (SNCS) Research Center, University of Tabuk, Tabuk, 71491, Saudi Arabia; Abosinnee A.S., Quality Assurance Department, Altoosi University College, Najaf, Iraq, Quality Assurance Department, The Islamic University, Najaf, Iraq; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Razoumny Y., Department of Mechanics and Control Processes, Academy of Engineering, Peoples' Friendship University of Russia (RUDN University), Miklukho-Maklaya Str. 6, Moscow, 117198, Russian Federation; Hatamiafkoueih J., Department of Mechanics and Control Processes, Academy of Engineering, Peoples' Friendship University of Russia (RUDN University), Miklukho-Maklaya Str. 6, Moscow, 117198, Russian Federation	Taiwan
40	Abubakar S.; Tan S.T.; Liew J.Y.C.; Talib Z.A.; Sivasubramanian R.; Vaithilingam C.A.; Indira S.S.; Oh W.-C.; Sibirian R.; Sagadevan S.; Paiman S.	Controlled Growth of Semiconducting ZnO Nanorods for Piezoelectric Energy Harvesting-Based Nanogenerators	2023	Nanomaterials	Abubakar S., Department of Physics, Universiti Putra Malaysia, Serdang, Selangor, 43400, Malaysia; Department of Physics, Yobe State University, P.M.B. 1144, Yobe State, Damaturu, Nigeria; Tan S.T., Department of Physics, Universiti Putra Malaysia, Serdang, Selangor, 43400, Malaysia; Liew J.Y.C., Department of Physics, Universiti Putra Malaysia, Serdang, Selangor, 43400, Malaysia; Talib Z.A., Department of Physics, College of Natural Science, Jeonbuk National University, 567 Baekje-daero, Deokjin-gu, Jeollabuk-do, Jeonju-si, 54896, South Korea; Sivasubramanian R., Faculty of Innovation and Technology, Taylor's University Malaysia, No. 1, Jalan Taylor's, Selangor, Subang Jaya, 47500, Malaysia; Vaithilingam C.A., Faculty of Innovation and Technology, Taylor's University Malaysia, No. 1, Jalan Taylor's, Selangor, Subang Jaya, 47500, Malaysia; Indira S.S., Faculty of Innovation and Technology, Taylor's University Malaysia, No. 1, Jalan Taylor's, Selangor, Subang Jaya, 47500, Malaysia; Oh W.-C., Department of Advanced Materials Science and Engineering, Hanseo University, Chungnam, Seosan-si, 356-706, South Korea; Sibirian R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia; Sagadevan S., Nanotechnology & Catalysis Research Centre, Universiti Malaya, Kuala Lumpur, 50603, Malaysia; Paiman S., Department of Physics, Universiti Putra Malaysia, Serdang, Selangor, 43400, Malaysia, Functional Nanotechnology Devices Laboratory (FNDL), Institute of Nanoscience and Nanotechnology, Universiti Putra Malaysia, Serdang, Selangor, 43400, Malaysia	Malaysia
41	Candra O.; Chammam A.; Alvarez J.R.N.; Muda I.; Aybar H.Ş.	The Impact of Renewable Energy Sources on the Sustainable Development of the Economy and Greenhouse Gas Emissions	2023	Sustainability (Switzerland)	Candra O., Department Teknik Elektro, Universitas Negeri Padang, Padang, 20506, Indonesia; Chammam A., College of Engineering, Department of Electrical Engineering, Prince Sattam Bin Abdulaziz University, Alkharj, 11942, Saudi Arabia; Alvarez J.R.N., Department of Energy, Universidad de la Costa, Barranquilla, 080002, Colombia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Aybar H.Ş., Department of Mechanical Engineering, Eastern Mediterranean University, Via Mersin 10, Famagusta, 99628, Cyprus; Department of Medical Research, China Medical University Hospital, China Medical University, Taichung, 404, Taiwan	Taiwan
42	Arwanda M.D.; Haryuna T.-S.-H.; Adriztina I.; Khalid K.	Curcumin prevents ototoxicity induced by cisplatin as evaluated with OAE	2023	Iranian Journal of Otorhinolaryngology	Arwanda M.D., Department of Otorhinolaryngology, Head and Neck Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Haryuna T.-S.-H., Department of Otorhinolaryngology, Head and Neck Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Adriztina I., Department of Otorhinolaryngology, Head and Neck Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Khalid K., Malaysian Agricultural Research and Development Institute (MARDI), MARDI Headquarters, Persiaran MARDI-UPM, Serdang, 43400, Malaysia	Malaysia

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43	Ketut Acwin Dwijendra N.; Muda I.; Milanés C.B.; Bharath Kumar N.; Abosinnee A.S.; Akhmadeev R.	How do green roofs affect per capita energy consumption in residential buildings under various climate conditions?	2023	Sustainable Energy Technologies and Assessments	Ketut Acwin Dwijendra N., Faculty of Engineering, Udayana University, Bali, 80361, Indonesia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Milanés C.B., Civil and Environmental Department, GeMarc research Group, Universidad de la Costa, Barranquilla, Colombia; Bharath Kumar N., Department of Electrical and Electronics Engineering, University of Vignana's Foundation for Science, Technology and Research, Guntur, India; Abosinnee A.S., Quality Assurance Department, Altoosi University College, Najaf, Iraq, Quality Assurance Department, The Islamic University, Najaf, Iraq; Akhmadeev R., Department of State and Municipal Finance, Plekhanov Russian University of Economics, Moscow, 117997, Russian Federation	Rusia
44	Muhar A.M.; Velaro A.J.; Prananda A.T.; Nugraha S.E.; Çamlık G.; Wasnik S.; Abidin S.Z.; Sjöfjan O.; Harahap M.A.Y.; Syahrian M.F.; Taslim N.A.; Mayulu N.; Permatasari H.K.; Nurkolis F.; Situmorang P.C.; Syahputra R.A.	Polyscias scutellaria: An emerging source of natural antioxidants and anti-inflammatory compounds for health	2023	Pharmacia	Muhar A.M., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Velaro A.J., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia, Department of Surgery, Dr. Djasamen Saragih Regional Public Hospital, Pematangsiantar, Indonesia; Prananda A.T., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Nugraha S.E., Department of Pharmaceutical Biology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Çamlık G., Department of Pharmaceutical Technology Faculty of Pharmacy, Biruni University, Istanbul, Turkey; Wasnik S., Government Medical College and Hospital, Miraj, India; Abidin S.Z., Biomedical Science, Centre of Toxicology and Health Risk Study, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur, 50300, Malaysia; Sjöfjan O., Department of Animal Nutrition, Faculty of Animal Science, Brawijaya University, Kota Malang, Indonesia; Harahap M.A.Y., Department of Animal Nutrition, Faculty of Animal Science, Brawijaya University, Kota Malang, Indonesia; Syahrian M.F., Faculty of Medicine, Universitas Prima Indonesia, Medan, Indonesia; Taslim N.A., Division of Clinical Nutrition, Department of Nutrition, Faculty of Medicine, Hasanuddin University, Makassar, 90245, Indonesia; Mayulu N., Department of Nutrition, Faculty of Health Science, Muhammadiyah Manado University, Manado, 95249, Indonesia; Permatasari H.K., Department of Biochemistry and Biomolecular, Faculty of Medicine, University of Brawijaya, Malang, 65145, Indonesia; Nurkolis F., Department of Biological Sciences, Faculty of Sciences and Technology, State Islamic University of Sunan Kalijaga (UIN Sunan Kalijaga), Yogyakarta, 55281, Indonesia; Situmorang P.C., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Syahputra R.A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia	Malaysia
45	Jasni F.M.; Zubair A.F.; Kataraki P.; Janvekar A.A.; Ishak A.; Noor R.M.	Firefly algorithm in optimization of milling machining parameters and its comparisons with other algorithms	2023	AIP Conference Proceedings	Jasni F.M., Universiti Teknologi MARA, Cawangan Pulau Pinang, Pulau Pinang, 13500, Malaysia; Zubair A.F., Universiti Teknologi MARA, Cawangan Pulau Pinang, Pulau Pinang, 13500, Malaysia; Kataraki P., School of Mechanical Engineering, REVA University, Bangalore, 560064, India; Janvekar A.A., School of Mechanical Engineering, VIT University, TN, Chennai, 600127, India; Ishak A., Universitas Sumatera Utara, Medan, Indonesia; Noor R.M., Universiti Teknologi MARA, Cawangan Pulau Pinang, Pulau Pinang, 13500, Malaysia	Malaysia
46	Ze F.; Wong W.-K.; Alhasan T.K.; Al Shraah A.; Ali A.; Muda I.	Economic development, natural resource utilization, GHG emissions and sustainable development: A case study of China	2023	Resources Policy	Ze F., Yiwu Innovation Institute, Yiwu Industrial & Commercial College, Yiwu, 322000, China; Wong W.-K., Department of Finance, Fintech & Blockchain Research Center, Big Data Research Center, Asia University, Taiwan, Department of Medical Research, China Medical University Hospital, China, Department of Economics and Finance, The Hang Seng University of Hong Kong, China; Alhasan T.K., Department of Private Law, Al-Ahliyya Amman University, Jordan; Al Shraah A., Department of Business Administration, Business School, The Hashemite University, Zarqa, Jordan; Ali A., Department of Management, College of Business Administration, Prince Sattam Bin Abdulaziz University, Al-Kharj, Saudi Arabia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia, Jl. Prof TM Hanafiah 12, USU Campus, Padang Bulan, Medan, 20155, Indonesia	China, Saudi Arabia, Jordan

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47	Dalil M.; Wirjosentono B.; Koto J.; Ginting A.; Arief D.S.	Tensile Characteristics of Fiberglass-filled High Density Polyethylene Composites Formed Using Hot Press Mold for Cold Water Pipe	2023	AIP Conference Proceedings	Dalil M., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Mechanical Engineering, Universitas Riau, Pekanbaru, 28293, Indonesia; Wirjosentono B., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Koto J., Malaysia Japan International Institute Technology, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia; Ginting A., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Arief D.S., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Mechanical Engineering, Universitas Riau, Pekanbaru, 28293, Indonesia	Malaysia
48	Priwitaningrum D.L.; Pednekar K.; Gabriël A.V.; Varela-Moreira A.A.; Le Gac S.; Vellekoop I.; Storm G.; Hennink W.E.; Prakash J.	Evaluation of paclitaxel-loaded polymeric nanoparticles in 3D tumor model: impact of tumor stroma on penetration and efficacy	2023	Drug Delivery and Translational Research	Priwitaningrum D.L., Engineered Therapeutics, Department of Advanced Organ Bioengineering and Therapeutics, TechMed Centre, Faculty of Science and Technology, University of Twente, Drienerlolaan 5, Enschede, 7500AE, Netherlands, Department of Pharmaceutics, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Pednekar K., Engineered Therapeutics, Department of Advanced Organ Bioengineering and Therapeutics, TechMed Centre, Faculty of Science and Technology, University of Twente, Drienerlolaan 5, Enschede, 7500AE, Netherlands; Gabriël A.V., Engineered Therapeutics, Department of Advanced Organ Bioengineering and Therapeutics, TechMed Centre, Faculty of Science and Technology, University of Twente, Drienerlolaan 5, Enschede, 7500AE, Netherlands; Varela-Moreira A.A., Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences, Faculty of Science, Utrecht University, Utrecht, Netherlands; Le Gac S., Applied Microfluidics for BioEngineering Research, Faculty of Electrical Engineering, Mathematics and Computer Science, MESA+ Institute for Nanotechnology, TechMed Centre, University of Twente, Enschede, Netherlands; Vellekoop I., Biomedical Photonic Imaging, Faculty of Science and Technology, University of Twente, Enschede, Netherlands; Storm G., Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences, Faculty of Science, Utrecht University, Utrecht, Netherlands; Hennink W.E., Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences, Faculty of Science, Utrecht University, Utrecht, Netherlands; Prakash J., Engineered Therapeutics, Department of Advanced Organ Bioengineering and Therapeutics, TechMed Centre, Faculty of Science and Technology, University of Twente, Drienerlolaan 5, Enschede, 7500AE, Netherlands	Netherlands
49	Sihombing P.; Shofia A.; Sumari P.; Efendi S.; Turnip A.; Muchtar Y.	Smart Home Design Based on IoT and Context Aware Model (ICAM)	2023	2023 IEEE International Conference of Computer Science and Information Technology: The Role of Artificial Intelligence Technology in Human and Computer Interactions in the Industrial Era 5.0, ICOSNIKOM 2023	Sihombing P., Universitas Sumatera Utara, Dept. of Computer Science, Medan, Indonesia; Shofia A., Univ. Sumatera Utara, Dept. of Comp. Science, Medan, Indonesia; Sumari P., School of Comp. Science, Universiti Sains Malaysia, Penang, Malaysia; Efendi S., Univ. Sumatera Utara, Dept. of Comp. Science, Medan, Indonesia; Turnip A., Univ. Padjadjaran, Dept. of Electronics, Bandung, Indonesia; Muchtar Y., Univ. Sumatera Utara, Dept. of Comp. Science, Medan, Indonesia	Malaysia
50	Al-Khowarizmi; Ramlan F.W.; Efendi S.; Lubis A.R.; Riza F.; Amrullah; Sary Y.	Crude Palm Oil Price Forecasting Based on ECoS-MARS: in Data Science Models	2023	2023 11th International Conference on Cyber and IT Service Management, CITSM 2023	Al-Khowarizmi, Universitas Muhammadiyah Sumatera Utara, Department of Information Technology, Medan, Indonesia; Ramlan F.W., National University Ireland, College of Engineering and Informatics, Galway, Ireland; Efendi S., Universitas Sumatera Utara, Department of Computer Science, Medan, Indonesia; Lubis A.R., Politeknik Negeri Medan, Department of Computer Engineering & Informatics, Medan, Indonesia; Riza F., Universitas Muhammadiyah Sumatera Utara, Department of Information System, Medan, Indonesia; Amrullah, Universitas Muhammadiyah Sumatera Utara, Department of Information System, Medan, Indonesia; Sary Y., Universitas Muhammadiyah Sumatera Utara, Department of Information System, Medan, Indonesia	Ireland

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51	Saurnida Asiana Siahaan A.; Masrul Harahap E.; Hanum C.; Karim A.; Vinceviča-Gaile Z.	The Taste of Arabica Coffee in Several Altitude and Shading Condition	2023	E3S Web of Conferences	Saurnida Asiana Siahaan A., Department of Agrotechnology, Faculty of Agriculture, University of Sisingamangaraja XII, Jl. Silangit, Silando, Tapanuli Utara, North Sumatera, Muara, 22312, Indonesia; Masrul Harahap E., Department of Agricultural Science, Faculty of Agriculture, University of North Sumatera, Jl. Dr. T Mansur no. 9, North Sumatera, Medan, 20222, Indonesia; Hanum C., Department of Agricultural Science, Faculty of Agriculture, University of North Sumatera, Jl. Dr. T Mansur no. 9, North Sumatera, Medan, 20222, Indonesia; Karim A., Departement of Soil Science, Faculty of Agriculture, Syiah Kuala University, Jl. Teuku Nyak Arief no. 441, Kopelma Darussalam, Banda Aceh, Indonesia; Vinceviča-Gaile Z., Department of Environmental Science, University of Latvia, Jelgavas Street 1, Riga, LV-1004, Latvia	Latvia
52	Abdul Khalil H.P.S.; Yahya E.B.; Tajarudin H.A.; Surya I.; Muhammad S.; Fazita M.R.N.	Enhancing the properties of industrial waste nanocellulose bioaerogels using turmeric nano particles	2023	Industrial Crops and Products	Abdul Khalil H.P.S., Bioresource Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Yahya E.B., Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Bioprocess Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Tajarudin H.A., Bioprocess Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Surya I., Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Muhammad S., Chemical Engineering Department, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia, ARC-PUIPT Nilam Aceh, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia; Fazita M.R.N., Bioresource Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia	Malaysia
53	Miftahussurur M.; Alfaray R.I.; Fauzia K.A.; Dewayani A.; Doohan D.; Waskito L.A.; Rezkitha Y.A.A.; Utomo D.H.; Somayana G.; Fahrial Syam A.; Lubis M.; Akada J.; Matsumoto T.; Yamaoka Y.	Low-grade intestinal metaplasia in Indonesia: Insights into the expression of proinflammatory cytokines during Helicobacter pylori infection and unique East-Asian CagA characteristics	2023	Cytokine	Miftahussurur M., Division of Gastroentero-Hepatology, Department of Internal Medicine, Faculty of Medicine-Dr. Soetomo Teaching Hospital, Universitas Airlangga, Jalan Mayjend Prof. Dr. Moestopo, No. 6-8, Surabaya, Surabaya, 60131, Indonesia, Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia; Alfaray R.I., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Environmental and Preventive Medicine, Oita University, Faculty of Medicine, 1-1, Idaigaoka, Hasama-machi, Oita, Yufu, 879-5593, Japan; Fauzia K.A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Environmental and Preventive Medicine, Oita University, Faculty of Medicine, 1-1, Idaigaoka, Hasama-machi, Oita, Yufu, 879-5593, Japan, Department of Public Health and Preventive Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, 60132, Indonesia; Dewayani A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Infectious Disease Control, Oita University, Faculty of Medicine, 1-1, Idaigaoka, Hasama-machi, Oita, Yufu, 879-5593, Japan, Department of Anatomy, Histology and Pharmacology, Universitas Airlangga, Surabaya, 60131, Indonesia; Doohan D., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Anatomy, Histology and Pharmacology, Universitas Airlangga, Surabaya, 60131, Indonesia; Waskito L.A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Physiology and Medical Biochemistry, Faculty of Medicine, Universitas Airlangga, Surabaya, 60132, Indonesia, Department of Internal Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, 60132, Indonesia; Rezkitha Y.A.A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, 60115, Indonesia, Department of Internal Medicine, Faculty of	Japan

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54	Yazid M.; Fahmi F.; Sutanto E.; Setiawan R.; Aripriharta; Aziz M.	Simple Authentication Method for Vehicle Monitoring IoT Device With Verifiable Data Integrity	2023	IEEE Internet of Things Journal	Yazid M., Institut Teknologi Sepuluh Nopember, Department of Biomedical Engineering, Surabaya, 60111, Indonesia; Fahmi F., Universitas Sumatera Utara, Faculty of Engineering, Department of Electrical Engineering, Medan, 20156, Indonesia; Sutanto E., Universitas Airlangga, Faculty of Science and Technology, Department of Physics, Surabaya, 60115, Indonesia; Setiawan R., Institut Teknologi Sepuluh Nopember, Department of Biomedical Engineering, Surabaya, 60111, Indonesia; Aripriharta, State University of Malang, Department of Electrical Engineering, Malang, 65144, Indonesia; Aziz M., Institute of Industrial Science, The University of Tokyo, Tokyo, 153-8505, Japan	Japan
55	Ayu D.G.; Gea S.; Andriyani N.; Telaumbanua D.J.; Piliang A.F.R.; Harahap M.; Yen Z.; Goei R.; Tok A.I.Y.	Photocatalytic Degradation of Methylene Blue Using N-Doped ZnO/Carbon Dot (N-ZnO/CD) Nanocomposites Derived from Organic Soybean	2023	ACS Omega	Ayu D.G., Postgraduate School, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, 20155, Indonesia; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, 20155, Indonesia; Andriyani N., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Telaumbanua D.J., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Piliang A.F.R., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Harahap M., Department of Chemistry, Faculty of Science Technology and Information, Universitas Sari Mutiara Indonesia, Medan, 20124, Indonesia; Yen Z., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Tok A.I.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore	Singapore
56	Syahputra R.A.; Harahap U.; Harahap Y.; Gani A.P.; Dalimunthe A.; Ahmed A.; Zainalabidin S.	Vernonia amygdalina Ethanol Extract Protects against Doxorubicin-Induced Cardiotoxicity via TGF $\beta$ , Cytochrome c, and Apoptosis	2023	Molecules	Syahputra R.A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia; Harahap U., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia; Harahap Y., Faculty of Pharmacy, Universitas Indonesia, Depok, 16424, Indonesia; Gani A.P., Faculty of Pharmacy, Universitas Gadjah Mada, Yogyakarta, 55281, Indonesia; Dalimunthe A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ahmed A., Department of Bioscience, Biotechnology and Environment, University of Bari, Bari, 70125, Italy; Zainalabidin S., Biomedical Science, Centre of Toxicology and Health Risk Study, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur, 50300, Malaysia	Malaysia

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57	Thriemer K.; Degaga T.S.; Alam M.S.; Adhikari B.; Tripura R.; Hossain M.S.; Christian M.; Ghanchi N.K.; Mnjala H.; Weston S.; Ley B.; Rumaseb A.; Tadesse D.; Teferi T.; Yilma D.; Lee G.; Unger H.; Sutanto I.; Pasaribu A.P.; Ghimire P.; Beg M.A.; Price R.N.	Adapting international clinical trials during COVID-19 and beyond	2023	Clinical Trials	Thriemer K., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Degaga T.S., College of Medicine & Health Sciences, Arba Minch University, Arba Minch, Ethiopia; Alam M.S., International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), Dhaka, Bangladesh; Adhikari B., Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, Centre for Tropical Medicine and Global Health, Nuffield Department of Clinical Medicine, University of Oxford, Oxford, United Kingdom; Tripura R., Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, Centre for Tropical Medicine and Global Health, Nuffield Department of Clinical Medicine, University of Oxford, Oxford, United Kingdom; Hossain M.S., International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), Dhaka, Bangladesh; Christian M., Eijkman-Oxford Clinical Research Unit, Jakarta, Indonesia; Ghanchi N.K., Department of Pathology and Microbiology, Aga Khan University, Karachi, Pakistan; Mnjala H., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Weston S., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Ley B., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Rumaseb A., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Tadesse D., College of Medicine & Health Sciences, Arba Minch University, Arba Minch, Ethiopia; Teferi T., Arba Minch General Hospital, Arba Minch, Ethiopia; Yilma D., Jimma University, Jimma, Ethiopia; Lee G., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Unger H., Global and Tropical Health Division, Menzies School of Health Research, Charles Darwin University, Darwin, NT, Australia; Sutanto I., Department of Parasitology, Faculty of Medicine, University of Indonesia Jakarta, Indonesia; Pasaribu A.P., Department of Child Health	Australia
58	Yasmin F.; Meyammai S.; Abd Razak K.N.; Samad N.A.; Widyawati T.; Yusoff N.A.	Inhibitory Effects of Nipa Palm Vinegar on the Carbohydrate Hydrolysing Enzymes; [(Kesan Perencatan Cuka Nipah pada Enzim Hidrolisis Karbohidrat)]	2023	Sains Malaysiana	Yasmin F., Advanced Medical and Dental Institute, Universiti Sains Malaysia, Penang, 13200, Malaysia, Centre for Genome Engineering, Institute for Basic Science, 55, Expo-ro, Yuseong-gu, Daejeon, 34126, South Korea; Meyammai S., School of Pharmaceutical Sciences, Universiti Sains Malaysia, Penang, 11800, Malaysia; Abd Razak K.N., School of Pharmaceutical Sciences, Universiti Sains Malaysia, Penang, 11800, Malaysia; Samad N.A., Advanced Medical and Dental Institute, Universiti Sains Malaysia, Penang, 13200, Malaysia; Widyawati T., Pharmacology and Therapeutic Department, Medical Faculty, University of Sumatera Utara, Medan, 20155, Indonesia; Yusoff N.A., Advanced Medical and Dental Institute, Universiti Sains Malaysia, Penang, 13200, Malaysia	Malaysia
59	Zambak M.F.; Al-Bawri S.S.; Jusoh M.; Rambe A.H.; Vettikalladi H.; Albishi A.M.; Himdi M.	A Compact 2.4 GHz L-Shaped Microstrip Patch Antenna for ISM-Band Internet of Things (IoT) Applications	2023	Electronics (Switzerland)	Zambak M.F., Faculty of Electrical Engineering, Universitas Muhammadiyah Sumatera Utara, Kota Medan, 20238, Indonesia; Al-Bawri S.S., Space Science Centre, Climate Change Institute, Universiti Kebangsaan Malaysia, Bangi, 43600, Malaysia; Jusoh M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Kangar, 01000, Malaysia; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Vettikalladi H., Electrical Engineering Department, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; Albishi A.M., Electrical Engineering Department, College of Engineering, King Saud University, Riyadh, 11421, Saudi Arabia; Himdi M., Institut d'Electronique et des Technologies du numéRique (IETR), University of Rennes, Renne, 35042, France	France

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60	Aruna A.; Aashima; Chohan M.S.; Singh S.; Chauhan S.; Muda I.	Critical Analysis of Blockchain-based Security for The Internet of Things in Enhancing the Future Technology	2023	Proceedings of 2023 IEEE 2nd International Conference on Industrial Electronics: Developments and Applications, ICIDEA 2023	Aruna A., Sns College of Technology, Department of Information Technology, Coimbatore, India; Aashima, Manipal University, Jaipur, India; Chohan M.S., King Faisal University, College of Clinical Pharmacy, Department of Biomedical Sciences, Saudi Arabia; Singh S., Graphic Era Hill University, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Chauhan S., Management Education & Research Institute (Affiliated to Ggsip University, New Delhi), Janakpuri, New Delhi, 110058, India; Muda I., Universitas Sumatera Utara, Medan, Indonesia	India, Saudi Arabia
61	Syafrudin S.; Ramadan B.S.; Budihardjo M.A.; Munawir M.; Khair H.; Rosmalina R.T.; Ardiansyah S.Y.	Analysis of Factors Influencing Illegal Waste Dumping Generation Using GIS Spatial Regression Methods	2023	Sustainability (Switzerland)	Syafrudin S., Environmental Sustainability Research Group, Department of Environmental Engineering, Faculty of Engineering, Universitas Diponegoro, Semarang, 50275, Indonesia; Ramadan B.S., Environmental Sustainability Research Group, Department of Environmental Engineering, Faculty of Engineering, Universitas Diponegoro, Semarang, 50275, Indonesia, Graduate Programs in Environmental Systems, Graduate School of Environmental Engineering, The University of Kitakyushu, Kitakyushu, 808-0135, Japan; Budihardjo M.A., Environmental Sustainability Research Group, Department of Environmental Engineering, Faculty of Engineering, Universitas Diponegoro, Semarang, 50275, Indonesia; Munawir M., Computer Engineering Study Program, Universitas Pendidikan Indonesia, UPI Campus Cibiru, Bandung, 40393, Indonesia; Khair H., Environmental Engineering Department, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Rosmalina R.T., Research Centre for Environmental and Clean Technology, National Research and Innovation Agency, Bandung, 40135, Indonesia; Ardiansyah S.Y., Department of Urban and Regional Planning, Faculty of Engineering, Universitas Diponegoro, Semarang, 50275,	Japan
62	Aritonang S.P.; Siburian R.; Ali A.M.M.; Tamrin	Application of Fe 30% Mass on Graphene as Potential Electrode on Cell Battery	2023	AIP Conference Proceedings	Aritonang S.P., Postgraduate School, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia, Faculty of Agriculture, Universitas Methodist Indonesia, Jl. Harmonika Baru Pasar II Tanjung Sari, Medan, Indonesia; Siburian R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Ali A.M.M., Faculty of Applied Sciences, Universiti Teknologi MARA, Selangor, Shah Alam, 40450, Malaysia; Tamrin, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia	Malaysia

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63	Sari R.A.L.; Lubis M.A.R.; Sari R.K.; Kristak L.; Iswanto A.H.; Mardawati E.; Fatriasari W.; Lee S.H.; Reh R.; Sedliacik J.; Maulana M.I.; Suryanegara L.; Subiyanto B.; Maulana S.	Properties of Plywood Bonded with Formaldehyde-Free Adhesive Based on Poly(vinyl alcohol)-Tannin-Hexamine at Different Formulations and Cold-Pressing Times	2023	Journal of Composites Science	Sari R.A.L., Department of Forest Product, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Sari R.K., Department of Forest Product, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Padang Bulan, 20355, Indonesia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Jatinangor, 40600, Indonesia, Department of Agro-industrial Technology, Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Fatriasari W., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Lee S.H., Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Cawangan Pahang Kampus Jengka, Pahang, Bandar Tun Razak, 26400, Malaysia; Reh R., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Sedliacik J., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Maulana M.I., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Suryanegara L., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Subiyanto B., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Maulana S., Forestry Engineering Program Study, Institut Teknologi Sumatera (ITERA), South Lampung, 35551, Indonesia, Research and Innovation Center for Advanced Materials, Institut Teknologi Sumatera (ITERA), South Lampung, 35551, Indonesia	Malaysia
64	Noor S.K.; Ismail A.M.; Yasin M.N.M.; Osman M.N.; Sabapathy T.; Salleh S.M.; Soh P.J.; Rambe A.H.; Ramli N.	Higher Order OAM Mode Generation Using Wearable Antenna for 5G NR Bands	2023	Computer Systems Science and Engineering	Noor S.K., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Ismail A.M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Yasin M.N.M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Osman M.N., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Sabapathy T., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Salleh S.M., Faculty of Engineering Technology (FTK), Department of Electronic Engineering Technology, Universiti Malaysia Perlis (UniMAP), Unicity Alam Campus, Padang Besar, Perlis, 02100, Malaysia; Soh P.J., Centre for Wireless Communications (CWC), University of Oulu, Oulu, 90570, Finland; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ramli N., Centre for Advanced Electrical and Electronic System (CAEES) Faculty of Engineering, Built Environment and Information Technology, SEGi University, Selangor, Malaysia	Malaysia

No	AUTHORS NAME	Article Title	Year	Journal Name	Affiliation of Authors	Country of Authors
65	Muda I.; Huamán-Romani Y.-L.; Apaza R.A.; Cerna H.W.A.; Vilela L.M.G.; Arellano S.R.V.; Quispe-Aguilar M.-F.; la cruz L.-K.C.-D.	The Influence of the Relationship Between the Economic Development of Countries Using Renewable Energy and the Relationship with Environmental Effects	2023	Mathematical Modelling of Engineering Problems	Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20000, Indonesia; Huamán-Romani Y.-L., Academic Department of Basic Sciences, National Amazonian University of Madre de Dios, Puerto Maldonado, 17001, Peru; Apaza R.A., Academic Department of Engineering and Information Technology, José María Arguedas National University, Andahuaylas, 03700, Peru; Cerna H.W.A., Academic Department of Business Sciences, José María Arguedas National University, Andahuaylas, 03700, Peru; Vilela L.M.G., Academic Department of Economic Engineering, National University of Frontera, Sullana, 20101, Peru; Arellano S.R.V., Academic Department of Economic Engineering, National University of Frontera, Sullana, 20101, Peru; Quispe-Aguilar M.-F., Academic Department of Electronic Engineering and Telecommunications, National Technological University of South Lima, Lima, 42, Peru; la cruz L.-K.C.-D., Department Professional Academic School of Law, Continental University, Lima, 12006, Peru	Peru
66	Anupong W.; Muda I.; AbdulAmeer S.A.; Al-Kharsan I.H.; Alviz-Meza A.; Cárdenas-Escrocia Y.	Energy Consumption and Carbon Dioxide Production Optimization in an Educational Building Using the Supported Vector Machine and Ant Colony System	2023	Sustainability (Switzerland)	Anupong W., Department of Agricultural Economy and Development, Faculty of Agriculture, Chiang Mai University, Chiang Mai, 52000, Thailand; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; AbdulAmeer S.A., Department of Mechanical Engineering, Ahl Al Bayt University, Kerbala, 56001, Iraq; Al-Kharsan I.H., Computer Technical Engineering Department, College of Technical Engineering, The Islamic University, Najaf, 54001, Iraq; Alviz-Meza A., Grupo de Investigación en Deterioro de Materiales, Transición Energética y Ciencia de Datos DANT3, Facultad de Ingeniería y Urbanismo, Universidad Señor de Sipán, Km 5 Via Pimentel, Chiclayo, 14001, Peru; Cárdenas-Escrocia Y., GIOPEN, Energy Optimization Research Group, Energy Department, Universidad de la Costa (CUC), Cl. 58 #55-66, Atlántico, Barranquilla, 080016, Colombia	Peru, Colombia
67	Pasaribu K.M.; Ilyas S.; Tamrin T.; Radecka I.; Swingler S.; Gupta A.; Stamboulis A.G.; Gea S.	Bioactive bacterial cellulose wound dressings for burns with collagen in-situ and chitosan ex-situ impregnation	2023	International Journal of Biological Macromolecules	Pasaribu K.M., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Ilyas S., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Tamrin T., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Radecka I., Wolverhampton School of Sciences, Faculty of Science and Engineering, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom, Research Institute in Healthcare Science, Faculty of Science and Engineering, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom; Swingler S., Wolverhampton School of Sciences, Faculty of Science and Engineering, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom, Research Institute in Healthcare Science, Faculty of Science and Engineering, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom; Gupta A., Research Institute in Healthcare Science, Faculty of Science and Engineering, University of Wolverhampton, Wulfruna Street, Wolverhampton, WV1 1LY, United Kingdom, School of Allied Health and Midwifery, Faculty of Education, Health and Wellbeing, University of Wolverhampton, Jerome K Jerome Building, Gorway Road, Walsall, WS1 3BD, United Kingdom; Stamboulis A.G., Biomaterials Research Group, School of Metallurgy and Materials, University of Birmingham, Birmingham, Edgbaston, B15 2SE, United Kingdom; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155,	United Kingdom

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68	Hizriadi A.; Herryance; Mahabattan; Nadi F.; Hayatunnufus; Lubis F.; Rahmat R.F.	Dust Particle Matter (2.5) with Meteorological Parameters to Predict Air Quality Based on Support Vector Machine Approaches	2023	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies	Hizriadi A., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia; Herryance, Universitas Sumatera Utara, Department of Computer Science, Medan, Indonesia; Mahabattan, Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia; Nadi F., Unitar International University, School of Information Technology, Malaysia; Hayatunnufus, Universitas Sumatera Utara, Department of Computer Science, Medan, Indonesia; Lubis F., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia; Rahmat R.F., Universitas Sumatera Utara, Department of Information Technology, Medan, Indonesia	Malaysia
69	Harahap M.; Perangin-Angin Y.A.; Purwandari V.; Goei R.; Tok A.L.Y.; Gea S.	Acetylated lignin from oil palm empty fruit bunches and its electrospun nanofibres with PVA: Potential carbon fibre precursor	2023	Heliyon	Harahap M., Department of Chemistry, Universitas Sari Mutiara Indonesia, Jalan Kapten Muslim No. 79, Medan, 20124, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Medan, 20155, Indonesia; Perangin-Angin Y.A., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Medan, 20155, Indonesia, Departement of Chemistry, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Padang Bulan, Medan, 20155, Indonesia; Purwandari V., Department of Chemistry, Universitas Sari Mutiara Indonesia, Jalan Kapten Muslim No. 79, Medan, 20124, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Medan, 20155, Indonesia; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Block N4.1, 637335, Singapore; Tok A.L.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Block N4.1, 637335, Singapore; Gea S., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Medan, 20155, Indonesia, Departement of Chemistry, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Padang Bulan, Medan, 20155, Indonesia	Singapore
70	Siahaan U.; Wirjosentono B.; Nasution D.Y.; Zuhra C.F.; Nasution D.A.; Siahaan T.N.	Mechanical, Morphological and Thermal Characteristics of Dioctylphthalate-plastisised Polyvinylchloride Resin Containing Sepiolite Clays	2023	AIP Conference Proceedings	Siahaan U., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Wirjosentono B., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Nasution D.Y., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Zuhra C.F., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Nasution D.A., School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia, Penang, Malaysia; Siahaan T.N., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia	Malaysia

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71	Aristri M.A.; Sari R.K.; Lubis M.A.R.; Laksana R.P.B.; Antov P.; Iswanto A.H.; Mardawati E.; Lee S.H.; Savov V.; Kristak L.; Papadopoulos A.N.	Eco-Friendly Tannin-Based Non-Isocyanate Polyurethane Resins for the Modification of Ramie ( <i>Boehmeria nivea</i> L.) Fibers	2023	Polymers	Aristri M.A., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Sari R.K., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Laksana R.P.B., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Kwala Bekala, Medan, 20145, Indonesia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Department of Agro-Industrial Technology, Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Lee S.H., Department of Wood Industry, Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Cawangan Pahang Kampus Jengka, Bandar Tun Razak, 26400, Malaysia; Savov V., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Papadopoulos A.N., Laboratory of Wood Chemistry and Technology, Department of Forestry and Natural Environment, International Hellenic University, Drama, 66100, Greece	Malaysia
72	Hayeemasae N.; Viet C.X.; Masa A.; Shuib R.K.; Ismail H.; Surya I.	The Use of Kenaf Fibre as a Natural Anti-Degradant in Recycled High-Density Polyethylene and Natural Rubber-Based Thermoplastic Elastomers	2023	Polymers	Hayeemasae N., Department of Rubber Technology and Polymer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Pattani, 94000, Thailand; Viet C.X., Department of Polymer Materials, Faculty of Materials Technology, Ho Chi Minh City University of Technology (HCMUT), 286 Ly Thuong Kiet Street, District 10, Ho Chi Minh City, 70000, Viet Nam; Masa A., Rubber Engineering & Technology Program, International College, Prince of Songkla University, Songkhla, Hat Yai, 90110, Thailand; Shuib R.K., School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, Nibong Tebal, 14300, Malaysia; Ismail H., School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, Nibong Tebal, 14300, Malaysia; Surya I., Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia	Malaysia, Thailand
73	Bahirrah S.; Lestari W.; Zulhakim A.; Suwandi A.; Irfanita N.	External Root Resorption (EARR) and Interleukin-1 $\beta$ (rs1143634) Gene Polymorphism in the Bataknese Population: A Pilot Study	2023	AIP Conference Proceedings	Bahirrah S., Department of Orthodontics, Fakultas Kedokteran Gigi, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia; Lestari W., Kulliyah of Dentistry, International Islamic University Malaysia, Pahang, 25200, Malaysia; Zulhakim A., Kulliyah of Dentistry, International Islamic University Malaysia, Pahang, 25200, Malaysia; Suwandi A., Kulliyah of Dentistry, International Islamic University Malaysia, Pahang, 25200, Malaysia; Irfanita N., International Institute of Halal Research and Training, International Islamic University Malaysia, Selangor, 52100, Malaysia	Malaysia

No	AUTHORS NAME	Article Title	Year	Journal Name	Affiliation of Authors	Country of Authors
74	Aristri M.A.; Lubis M.A.R.; Sari R.K.; Kristak L.; Iswanto A.H.; Mardawati E.; Hua L.S.	Preparation and characterization of non-isocyanate polyurethane resins derived from tannin of Acacia mangium bark for the modification of ramie fibers	2023	Central European Forestry Journal	Aristri M.A., IPB University, Faculty of Forestry and Environment, Department of Forest Product, Jl. Raya Dramaga Kampus IPB Dramaga Bogor, West Java, ID-16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong Science Center, West Java, ID-16911, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong Science Center, West Java, ID-16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Jatinangor, West Java, ID-40600, Indonesia; Sari R.K., IPB University, Faculty of Forestry and Environment, Department of Forest Product, Jl. Raya Dramaga Kampus IPB Dramaga Bogor, West Java, ID-16680, Indonesia; Kristak L., Technical University in Zvolen, Faculty of Wood Sciences and Technology, Zvolen, SK-96001, Slovakia; Iswanto A.H., Universitas Sumatera Utara, Faculty of Forestry, Padang Bulan, North Sumatra, ID-20355, Indonesia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Jatinangor, West Java, ID-40600, Indonesia, Universitas Padjadjaran, Department of Agro-industrial Technology, Jatinangor, ID-40600, Indonesia; Hua L.S., Universiti Teknologi MARA (UiTM) Cawangan Pahang Kampus Jengka, Faculty of Applied Sciences, MY-26400 Bandar Tun Razak, Pahang, Malaysia	Slovakia, Malaysia
75	Farina N.; Jacobs R.; Turana Y.; Fitri F.I.; Schneider M.; Theresia I.; Docrat S.; Sani T.P.; Augustina L.; Albanese E.; Comas-Herrera A.; Du Toit P.; Ferri C.P.; Govia I.; Idris A.; Knapp M.; Banerjee S.	Comprehensive measurement of the prevalence of dementia in low- and middle-income countries: STRiDE methodology and its application in Indonesia and South Africa	2023	BJPsych Open	Farina N., Centre for Dementia Studies, Brighton and Sussex Medical School, United Kingdom, Community and Primary Care Research Group, University of Plymouth, United Kingdom; Jacobs R., Alan J Flisher Centre for Public Mental Health, University of Cape Town, South Africa; Turana Y., Faculty of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia, Indonesia; Fitri F.I., Department of Neurology, University of Sumatera Utara, Indonesia; Schneider M., Alan J Flisher Centre for Public Mental Health, University of Cape Town, South Africa; Theresia I., Alzheimer's Indonesia, Indonesia; Docrat S., Alan J Flisher Centre for Public Mental Health, University of Cape Town, South Africa; Sani T.P., Alzheimer's Indonesia, Indonesia; Augustina L., Alzheimer's Indonesia, Indonesia; Albanese E., Institute of Public Health, Faculty of Biomedical Sciences, Università della Svizzera Italiana, Switzerland; Comas-Herrera A., Care Policy and Evaluation Centre, London School of Economics and Political Science, United Kingdom; Du Toit P., Alzheimer's South Africa, South Africa; Ferri C.P., Psychogeriatric Unit, Department of Psychiatry Escola Paulista de Medicina, Universidade Federal de São Paulo, Brazil; Govia I., Epidemiology Research Unit, Caribbean Institute for Health Research (CAIHR), The University of the West Indies, Jamaica; Idris A., Institute of Public Health, Faculty of Biomedical Sciences, Università della Svizzera Italiana, Switzerland; Knapp M., Care Policy and Evaluation Centre, London School of Economics and Political Science, United Kingdom; Banerjee S., Faculty of Health, University of Plymouth, United Kingdom	United Kingdom, South Africa, Brazil, Switzerland, Jamaica,
76	Purba R.H.; Kusumoto K.; Shimizu K.; Gaqi Y.; Huq M.J.	Influence of Tempering Temperature on Abrasive-Wear Performance of High-Chromium-Based Multicomponent White Cast Iron	2023	Lubricants	Purba R.H., Graduate School of Engineering, Muroran Institute of Technology, Muroran City, 050-8585, Japan, Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Kusumoto K., College of Design & Manufacturing Technology, Muroran Institute of Technology, Muroran City, 050-8585, Japan; Shimizu K., Graduate School of Engineering, Muroran Institute of Technology, Muroran City, 050-8585, Japan; Gaqi Y., Graduate School of Engineering, Muroran Institute of Technology, Muroran City, 050-8585, Japan; Huq M.J., Graduate School of Engineering, Muroran Institute of Technology, Muroran City, 050-8585, Japan	Japan

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77	Rahardja U.; Candra O.; Tripathi A.K.; Zahra M.M.A.; Bashar B.S.; Muda I.; Dwijendra N.K.A.; Aravindhana S.; Sivaraman R.	The Use of Hybrid Solar Energy to Supply Electricity to Remote Areas: Advantages and Limitations	2023	Mathematical Modelling of Engineering Problems	Rahardja U., Faculty of Science and Technology, University of Raharja, Banten, Tangerang, Kota Tangerang, 15117, Indonesia; Candra O., Department Teknik Elektro, Universitas Negeri Padang, Padang, 25111, Indonesia; Tripathi A.K., Department of Mining Engineering, Aditya Engineering College, Andhra Pradesh, Surampalem, 533437, India; Zahra M.M.A., Computer Techniques Engineering Department, Al-Mustaqbal University College, Hillah, 51001, Iraq; Bashar B.S., Department of Computer Engineering, Al-Nisour University College, Baghdad, 10001, Iraq; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Dwijendra N.K.A., Faculty of Engineering, Udayana University, Bali, 80361, Indonesia; Aravindhana S., Department of Pharmacology, Saveetha Institute of Medical and Technical Sciences, Chennai, 600077, India; Sivaraman R., Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, University of Madras, Arumbakkam, Chennai, 600005, India	India
78	Nisja I.; Hardi S.; Armen R.F.; Irwanto M.; Ridal Y.; Arzul	Effect of harmonic distortion on distribution feeder losses serving housing load	2023	AIP Conference Proceedings	Nisja I., Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia; Hardi S., Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Armen R.F., Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia; Irwanto M., Centre of Excellence for Renewable Energy, Universiti Malaysia Pertis (UniMAP), Pertis, 02600, Malaysia; Ridal Y., Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia; Arzul, Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia	Malaysia
79	Fitri F.I.; Naci L.; Turana Y.; Rambe A.S.; Nazriani D.; Nitrini R.; Caramelli P.	Modified Brief Cognitive Screening Battery - Indonesian Version: cross-cultural adaptation and normative data based on demographic factors in North Sumatra, Indonesia	2023	Frontiers in Neurology	Fitri F.I., Global Brain Health Institute, Trinity College Dublin, Dublin, Ireland, Department of Neurology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Naci L., Global Brain Health Institute, Trinity College Dublin, Dublin, Ireland, School of Psychology, Trinity College Dublin, Dublin, Ireland; Turana Y., School of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia, Jakarta, Indonesia; Rambe A.S., Department of Neurology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Nazriani D., Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia; Nitrini R., Department of Neurology, University of São Paulo Medical School, São Paulo, Brazil; Caramelli P., Behavioral and Cognitive Research Group, Faculdade de Medicina, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil	Ireland, Brazil
80	Gaqi Y.; Kusumoto K.; Shimizu K.; Purba R.H.	Effect of Carbide Orientation on Wear Characteristics of High-Alloy Wear-Resistant Cast Irons	2023	Lubricants	Gaqi Y., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Kusumoto K., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Shimizu K., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan; Purba R.H., Graduate School of Engineering, Muroran Institute of Technology, 27-1 Mizumoto, Muroran City, 050-8585, Japan, Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia	Japan
81	Wang X.; Hassan A.; Refaai M.R.A.; Nasution M.K.M.; Akhtar M.N.	Microwave absorption and electromagnetic evaluations of the single and bilayer absorbers of sphere like BFO and pompon flower-like CoGd ferrites	2023	Surfaces and Interfaces	Wang X., Department of Mechanical Engineering, Xi'an Jiaotong University City College, Xi'an, 710018, China; Hassan A., Institute of Physics, Czech Academy of Sciences, Cukrovarnická 10, Prague, 162 00, Czech Republic; Refaai M.R.A., Department of Mechanical Engineering, College of Engineering in Al-Kharj, Prince Sattam bin Abdulaziz University, Al-Kharj, 11942, Saudi Arabia; Nasution M.K.M., Mathematics Study Program, FMIPA, Universitas Sumatera Utara, Medan, 20155, Indonesia; Akhtar M.N., Institute of Physics, The Islamia University of Bahawalpur, Bahawalpur, 62100, Pakistan	Czech, Pakistan
82	Sanjaya D.; Siregar M.; Riswanto; Yusuf M.; Husain M.P.M.	Developing symbolized corrective feedback application machine for English writing using deep learning (DL) technology	2023	AIP Conference Proceedings	Sanjaya D., University College of Yayasan Pahang, Kompleks Yayasan Pahang, Tanjung Lumpur, Pahang, Kuantan, 26060, Malaysia; Siregar M., Universitas Negeri Medan, Jl. Willem Iskandar/Pasar V North Sumatra, Medan, 20221, Indonesia; Riswanto, Universitas Islam Negeri Fatmawati, Sukarno Bengkulu. Jl. Raden Fatah Pagar Dewa, Bengkulu, 38211, Indonesia; Yusuf M., Universitas Sumatera Utara, Jl. Universitas No. 19 Kampus USU, North Sumatra, Medan, 20155, Indonesia; Husain M.P.M., University College of Yayasan Pahang, Kompleks Yayasan Pahang, Tanjung Lumpur, Pahang, Kuantan, 26060, Malaysia	Malaysia

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83	Mishra A.; Zhou B.; Rodriguez-Martinez A.; Bixby H.; Singleton R.K.; Carrillo-Larco R.M.; Sheffer K.E.; Paciorek C.J.; Bennett J.E.; Lhoste V.; Iurilli M.L.C.; Di Cesare M.; Bentham J.; Phelps N.H.; Sophiea M.K.; Stevens G.A.; Danaei G.; Cowan M.J.; Savin S.; Riley L.M.; Gregg E.W.; Aekplakorn W.; Ahmad N.A.; Baker J.L.; Chirita-Emandi A.; Farzadfar F.; Fink G.; Heinen M.; Ikeda N.; Kengne A.P.; Khang Y.-H.; Laatikainen T.; Laxmaiah A.; Ma J.; Monroy-Valle M.; Mridha M.K.; Padez C.P.; Reynolds A.; Sorić M.; Starc G.; Wirth J.P.; Abarca-Gómez L.; Abdeen Z.A.; Abdрахmanova S.; Ghaffar S.A.; Abdul Rahim H.F.; Abdurrahmonova Z.; Abu-Rmeileh N.M.; Garba J.A.; Acosta-Cazares B.; Adam I.; Adamczyk M.; Adams R.J.; Adu-Afarwuah S.; Afsana K.; Afzal S.; Agbor V.N.; Agdeppa I.A.; Aghazadeh-Attari J.; Aguenou H.; Aguilar-Salinas C.A.; Agyemang C.; Ahmad M.H.; Ahmadi A.; Ahmadi N.; Ahmadi N.; Ahmed I.; Ahmed S.H.; Ahrens W.; Aitmurzaeva G.; Ajlouni K.; Al-Hazzaa H.M.; Al-Lahou B.; Al-Raddadi R.; Al Hourani H.M.; Al Qaoud N.M.; Alarouj M.; AlBuhairan F.; AlDhukair S.; Aldwairji M.A.; Alexius S.; Ali M.M.; Alkandari A.; Alkerwi A.; Alkhatib B.M.; Allin K.; Alvarez-Pedrerol M.; Aly E.; Amarapurkar D.N.; Etxezarreta P.A.; Amoah J.; Amougou N.; Amouyel P.; Andersen L.B.; Anderssen S.A.; Androutsos O.; Ångquist L.; Anjana R.M.; Ansari-Moghaddam A.; Anufrieva E.; Aounallah-Skhiri H.; Araújo J.; Ariansen I.; Aris T.; Arku R.E.; Arlappa N.; Aryal K.K.; Aseffa N.; Aspelund T.; Assah F.K.; Assembekov B.; Assunção M.C.F.; Aung M.S.; Auvinen J.; Avdičová M.; Avi S.; Azevedo A.; Azimi-Nezhad M.; Azizi F.; Azmin M.; Babu B.V.; Jørgensen M.B.; Baharudin A.; Bahijri S.; Bakacs M.; Balakrishna N.; Balanova Y.; Bamoshmoosh M.; Banach M.; Banegas J.R.; Baran J.; Baran R.; Barbagallo C.M.; Filho V.B.; Barceló A.; Baretic M.; Barkat A.; Barnova J.; Barrera L.; Barreto M.; Hairani H.; Amelia R.; Susetya I.E.; Susilowati A.; Bimantara Y.; Kajita T.; Basyuni M.	Diminishing benefits of urban living for children and adolescents' growth and development	2023	Nature	Mishra A., Imperial College London, London, United Kingdom; Zhou B., Imperial College London, London, United Kingdom; Rodriguez-Martinez A., Imperial College London, London, United Kingdom; Bixby H., McGill University, Montreal, QC, Canada, University of Essex, Colchester, United Kingdom; Singleton R.K., Imperial College London, London, United Kingdom; Carrillo-Larco R.M., Imperial College London, London, United Kingdom; Sheffer K.E., Imperial College London, London, United Kingdom; Paciorek C.J., University of California Berkeley, Berkeley, CA, United States; Bennett J.E., Imperial College London, London, United Kingdom; Lhoste V., Imperial College London, London, United Kingdom; Iurilli M.L.C., Imperial College London, London, United Kingdom; Di Cesare M., University of Essex, Colchester, United Kingdom; Bentham J., University of Kent, Canterbury, United Kingdom; Phelps N.H., Imperial College London, London, United Kingdom; Sophiea M.K., Imperial College London, London, United Kingdom; Stevens G.A., World Health Organization, Geneva, Switzerland; Danaei G., Harvard T. H. Chan School of Public Health, Boston, MA, United States; Cowan M.J., World Health Organization, Geneva, Switzerland; Savin S., World Health Organization, Geneva, Switzerland; Riley L.M., World Health Organization, Geneva, Switzerland; Gregg E.W., Imperial College London, London, United Kingdom; Aekplakorn W., Mahidol University, Nakhon Pathom, Thailand; Ahmad N.A., Ministry of Health, Kuala Lumpur, Malaysia; Baker J.L., Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark; Chirita-Emandi A., Victor Babes University of Medicine and Pharmacy, Timisoara, Romania; Farzadfar F., Non-Communicable Diseases Research Center, Tehran, Iran; Fink G., Swiss Tropical and Public Health Institute, Basel, Switzerland, University of Basel, Basel, Switzerland; Heinen M., World Health Organization Regional Office for Europe, Copenhagen, Denmark; Ikeda N., National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan; Kengne A.P., South African Medical Research Council, Cape Town, South Africa; Khang Y.-H., Seoul National University College of Medicine, Seoul, South Korea; Laatikainen T., University of Eastern Finland, Kuopio, Finland, Finnish Institute for	United Kingdom, Switzerland, United States
84	Hairani H.; Amelia R.; Susetya I.E.; Susilowati A.; Bimantara Y.; Kajita T.; Basyuni M.	Implementation of 16S rRNA Gene for Fish and Shrimp Barcoding in Mangrove Ecosystems in North Sumatra and Aceh, Indonesia	2023	Jurnal Ilmiah Perikanan dan Kelautan	Hairani H., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Amelia R., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Susetya I.E., Department of Aquatic Resources Management, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Susilowati A., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Bimantara Y., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Kajita T., Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus, Taketomi, Okinawa, Japan; Basyuni M., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia	Japan
85	Fitri F.I.; Farina N.; Turana Y.; Theresia I.; Sani T.P.; Suswanti I.; Banerjee S.	Modifiable risk factors for dementia in Indonesia: Results from STRiDE project	2023	Neurology Asia	Fitri F.I., Department of Neurology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Farina N., Centre for Dementia Studies, Brighton and Sussex Medical School, Brighton, United Kingdom, Faculty of Health, University of Plymouth, Plymouth, United Kingdom; Turana Y., School of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia, Atma Jaya Hospital, Jakarta, Indonesia; Theresia I., Alzheimer Indonesia, Jakarta, Indonesia; Sani T.P., Alzheimer Indonesia, Jakarta, Indonesia; Suswanti I., School of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia, Atma Jaya Hospital, Jakarta, Indonesia; Banerjee S., Faculty of Health, University of Plymouth,	United Kingdom

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86	Simorangkir A.J.D.; Hardi S.; Kyabaggu P.B.K.; Sinulingga E.P.	3dB Wilkinson Power Divider Using Monolithic Microwave Integrated Circuit Technology	2023	Proceeding - ELTICOM 2023: 7th International Conference on Electrical, Telecommunication and Computer Engineering: Sustainable and Resilient Communities with Smart Technologies	Simorangkir A.J.D., Universitas Sumatera Utara, Department of Electrical Engineering, Medan, Indonesia; Hardi S., Universitas Sumatera Utara, Department of Electrical Engineering, Medan, Indonesia; Kyabaggu P.B.K., Bukoola Chemical Industries Ltd, Kampala, Uganda; Sinulingga E.P., Universitas Sumatera Utara, Department of Electrical Engineering, Medan, Indonesia	Uganda
87	Purba M.A.; Trisna A.; Hua L.G.; Sepriadi S.; Aswa D.A.	Evaluation the effect of antibiotics and probiotics supplementation in feed on broilers chicken immunity status	2023	IOP Conference Series: Earth and Environmental Science	Purba M.A., Faculty of Agriculture, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia, Feed Research Institute, Chinese Academy of Agricultural Sciences, Beijing, China; Trisna A., Faculty of Agriculture, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia; Hua L.G., Feed Research Institute, Chinese Academy of Agricultural Sciences, Beijing, China; Sepriadi S., Faculty of Agriculture and Animal Husbandry, State Islamic University of Sultan Syarif Kasim, Riau, Indonesia; Aswa D.A., Faculty of Agriculture, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia	China
88	Ahmad A.; Kamaruddin M.A.; H.P.S A.K.; Yahya E.B.; Muhammad S.; Rizal S.; Ahmad M.I.; Surya I.; Abdullah C.K.	Recent Advances in Nanocellulose Aerogels for Efficient Heavy Metal and Dye Removal	2023	Gels	Ahmad A., Bioresource Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Kamaruddin M.A., Environmental Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; H.P.S A.K., Bioresource Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Yahya E.B., Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Bioprocess Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Muhammad S., Chemical Engineering Department, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia, ARC-PUIPT Nilam Aceh, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia; Rizal S., Mechanical Engineering Department, Universitas Syiah Kuala, Banda Aceh, 23111, Indonesia; Ahmad M.I., Environmental Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Renewable Biomass Transformation Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia; Surya I., Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Abdullah C.K., Bioresource Technology Division, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia, Green Biopolymer, Coatings and Packaging Cluster, School of Industrial Technology, Universiti Sains Malaysia, Penang, 11800, Malaysia	Malaysia
89	Purba R.H.; Shimizu K.; Kusumoto K.; Gaqi Y.	Comparison of Three-Body Abrasion Behaviors of High-Cr-Mo- and High-Cr-Based Multicomponent White Cast Irons	2023	Journal of Materials Engineering and Performance	Purba R.H., Production System and Engineering, Muroran Institute of Technology, Hokkaido, Muroran City, Japan, Mechanical Engineering Department, University of Sumatera Utara, Medan, Indonesia; Shimizu K., Production System and Engineering, Muroran Institute of Technology, Hokkaido, Muroran City, Japan; Kusumoto K., Production System and Engineering, Muroran Institute of Technology, Hokkaido, Muroran City, Japan; Gaqi Y., Production System and Engineering, Muroran Institute of Technology, Hokkaido, Muroran City, Japan	Japan
90	Tarigan V.C.E.; Nasution A.H.A.; Ekaputra M.; Saputri R.N.	Indonesian Compliance with Tripartite Agreement in Controlling Marine Environmental Pollution in The Malacca Strait	2023	Indonesian Journal of International Law	Tarigan V.C.E., Faculty of Law, Universitas Sumatera Utara, Indonesia; Nasution A.H.A., Jindal Global Law School, O.P Jindal Global University, India; Ekaputra M., Faculty of Law, Universitas Sumatera Utara, Indonesia; Saputri R.N., Faculty of Social Science and Political Science, Universitas Sumatera Utara, Indonesia	India

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91	Laksono R.M.; Siswagama T.A.; Asmoro A.A.; Sjahrir H.; Musba A.M.T.; Halim W.; Der Weegen W.V.; Vissers K.	Identifying pain problems, healthcare professional perceptions, expectations and challenges in multidisciplinary pain center establishment	2023	Pain Management	Laksono R.M., Department of Anesthesiology & Intensive Therapy, Faculty of Medicine, Brawijaya University, Malang, Indonesia; Siswagama T.A., Department of Anesthesiology & Intensive Therapy, Faculty of Medicine, Brawijaya University, Malang, Indonesia; Asmoro A.A., Department of Anesthesiology & Intensive Therapy, Faculty of Medicine, Brawijaya University, Malang, Indonesia; Sjahrir H., Department of Neurology, Faculty of Medicine, Sumatera Utara University, Medan, Indonesia; Musba A.M.T., Department of Anesthesiology, Intensive Care & Pain Management, Faculty of Medicine, Hasanuddin University, Makassar, Indonesia; Halim W., Department of Medicine, Faculty of Medicine, Brawijaya University, Malang, Indonesia; Der Weegen W.V., Sports & Orthopedics Research Centre, St. Anna Hospital Geldrop, Netherlands; Vissers K., Department of Anesthesiology, Pain & Palliative Medicine, Radboud University Medical Centre, Netherlands	Netherlands
92	Ginting E.S.; Mathelina D.; Mawengkang H.	Financial optimization using stochastic programming model	2023	AIP Conference Proceedings	Ginting E.S., Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Mathelina D., Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Mawengkang H., Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia	Malaysia
93	Mo Y.; Ding Y.; Cao Y.; Hopkins J.; Ashley E.A.; Waithira N.; Wannapinij P.; Lee S.J.; Ling C.L.; Hamers R.L.; Roberts T.; Lubell Y.; Karkey A.; Akech S.; Lissauer S.; Opintan J.; Okeke I.; Eremin S.; Tornimbene B.; Hsu L.Y.; Thwaites L.; Lam M.Y.; Pham N.T.; Pham T.K.; Teo J.; Kwa A.L.-H.; Marimuthu K.; Ng O.T.; Vasoo S.; Kitsaran S.; Anunnatsiri S.; Kosalaraksa P.; Chotiprasitsakul D.; Santanirand P.; Plongla R.; Chua H.H.; Tiong X.T.; Wong K.J.; Ponnampalavanar S.S.L.S.; Sulaiman H.B.; Mazlan M.Z.; Salmuna Z.N.; Rajahram G.S.; Zaili M.Z.B.M.; Francis J.R.; Sarmiento N.; Guterres H.; Oakley T.; Yan J.; Tilman A.; Khalid M.O.R.; Hashmi M.; Mahmood S.F.; Dhiloo A.K.; Fatima A.; Lubis I.N.D.; Wijaya H.; Abad C.L.; Roman A.D.; Lazarte C.C.M.; Mamun G.M.S.; Asli R.; Momin M.H.F.B.H.A.; Nyamdavaa K.; Gurjav U.; Bory S.; Varghese G.M.; Gupta L.; Tantia P.; Sinto R.; Doi Y.; Khanal B.; Malijan G.; Lazaro J.; Gunasekara S.; Withanage S.; Liu P.Y.; Xiao Y.; Wang M.; Paterson D.L.; Doorn H.R.V.; Turner P.	ACORN (A Clinically-Oriented Antimicrobial Resistance Surveillance Network) II: protocol for case based antimicrobial resistance surveillance	2023	Wellcome Open Research	Mo Y., ADVANCE-ID, Saw Swee Hock School Of Public Health, National University of Singapore, Singapore, 117549, Singapore, Division of Infectious Diseases, National University Hospital, Singapore, Singapore, 119074, Singapore, Department of Medicine, National University of Singapore, Singapore, 119228, Singapore, Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Salaya, Nakhon Pathom, 10400, Thailand; Ding Y., ADVANCE-ID, Saw Swee Hock School Of Public Health, National University of Singapore, Singapore, 117549, Singapore; Cao Y., Singapore Clinical Research Institute, Singapore, 139234, Singapore; Hopkins J., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Cambodia Oxford Medical Research Unit, Angkor Hospital for Children, Siem Reap, 171020, Cambodia; Ashley E.A., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Lao-Oxford-Mahosot Hospital-Wellcome Trust Research Unit, Microbiology Laboratory, Mahosot Hospital, Vientiane, Laos; Waithira N., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Salaya, Nakhon Pathom, 10400, Thailand; Wannapinij P., Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Salaya, Nakhon Pathom, 10400, Thailand; Lee S.J., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Salaya, Nakhon Pathom, 10400, Thailand; Ling C.L., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Cambodia Oxford Medical Research Unit, Angkor Hospital for Children, Siem Reap, 171020, Cambodia; Hamers R.L., Centre for Tropical Medicine and Global Health, University of Oxford, Oxford, United Kingdom, Oxford University Clinical Research Unit (OUCRU) Indonesia, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Roberts	Singapore, United Kingdom, Thailand

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94	Rahmat R.F.; Aziira A.H.; Purnamawati S.; Pane Y.M.; Faza S.; Al-Khowarizmi; Nadi F.	Classifying Indonesian Cyber Crime Cases under ITE Law Using a Hybrid of Mutual Information and Support Vector Machine	2023	International Journal of Safety and Security Engineering	Rahmat R.F., Department of Information Technology, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, 20155, Indonesia; Aziira A.H., Faculty of Information Technology, Universitas Andalas, Padang, 25166, Indonesia; Purnamawati S., Department of Information Technology, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, 20155, Indonesia; Pane Y.M., Department of Information Technology, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, 20155, Indonesia; Faza S., Computer Engineering and Informatics Department, Politeknik Negeri Medan, Medan, 20155, Indonesia; Al-Khowarizmi, Department of Information Technology, Universitas Muhammadiyah Sumatera Utara, Medan, 20238, Indonesia; Nadi F., School of Information Technology, UNITAR International University, Petaling Jaya, 47301, Malaysia	Malaysia
95	Li Y.; Ojo O.O.; Salman S.; Paidar M.; Refaai M.R.A.; Zain A.M.; Nasution M.K.M.; Xin D.	Fabrication of the novel hybridized AZ31B Mg/CeO <sub>2</sub> +ZrO <sub>2</sub> composites via multiple pass friction stir processing	2023	Journal of Materials Research and Technology	Li Y., School of Computer Science, Xijing University, Shaanxi, Xi'an, 710123, China; Ojo O.O., Department of Industrial and Production Engineering, Federal University of Technology Akure, Nigeria; Salman S., Research Center, Al-Ayen University, Nasiriyah, Iraq; Paidar M., Department of Materials Engineering, South Tehran Branch, Islamic Azad University, Tehran, 1459853849, Iran; Refaai M.R.A., Department of Mechanical Engineering, College of Engineering at Al Kharj, Prince Sattam Bin Abdulaziz University, Al Kharj, 11942, Saudi Arabia; Zain A.M., Faculty of Computing, Universiti Teknologi Malaysia, Johor, Skudai, 81310, Malaysia; Nasution M.K.M., Mathematics Study Program, FMIPA, Universitas Sumatera Utara, Medan, 20155, Indonesia; Xin D., Shaanxi Engineering Research Center of Controllable NeutronSource, School of Electronic Information, Xijing University, Xi'an, 710123	Iraq, Nigeria, Malaysia, China
96	Mathelinea D.; Chandrashekar R.; Mawengkang H.	Stationarity test for medicine time series data	2023	AIP Conference Proceedings	Mathelinea D., Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Chandrashekar R., Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Mawengkang H., Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara Medan Indonesia	Malaysia
97	Amalia R.; Panenggak N.S.R.; Doohan D.; Rezkiha Y.A.A.; Waskito L.A.; Syam A.F.; Lubis M.; Yamaoka Y.; Miftahussurur M.	A comprehensive evaluation of an animal model for Helicobacter pylori-associated stomach cancer: Fact and controversy	2023	Helicobacter	Amalia R., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia; Panenggak N.S.R., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia; Doohan D., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia, Department of Anatomy, Histology and Pharmacology, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia; Rezkiha Y.A.A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia, Department of Internal Medicine, Faculty of Medicine, Universitas Muhammadiyah Surabaya, Surabaya, Indonesia; Waskito L.A., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia, Department of Physiology and Medical Biochemistry, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia; Syam A.F., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia; Lubis M., Department of Internal Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Yamaoka Y., Department of Environmental and Preventive Medicine, Oita University Faculty of Medicine, Yufu, Japan, Department of Medicine, Gastroenterology and Hepatology Section, Baylor College of Medicine, Houston, TX, United States; Miftahussurur M., Helicobacter pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia, Division of Gastroentero-Hepatology, Department of Internal Medicine, Faculty of Medicine-Dr. Soetomo Teaching Hospital, Universitas Airlangga, Surabaya, Indonesia	United States, Japan

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98	Husain; Mawengkang H.; Mathelinea D.; Fitriani N.; Detinty A.B.	Designing a dynamic model of waste management to get a sustainable living condition	2023	AIP Conference Proceedings	Husain, Department of Computer Science, Universitas Bumigora, Mataram, Indonesia; Mawengkang H., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Mathelinea D., Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Fitriani N., Sekolah Menengah Kejuruan Negeri 3, Mataram, Indonesia; Detinty A.B., Universiti Sains Malaysia Penang, Malaysia	Malaysia
99	Hanum F.; Nagahata M.; Nindhia T.G.T.; Kamahara H.; Atsuta Y.; Daimon H.	Evaluation of a Small-Scale Anaerobic Digestion System for a Cattle Farm under an Integrated Agriculture System in Indonesia with Relation to the Status of Anaerobic Digestion System in Japan	2023	Sustainability (Switzerland)	Hanum F., Department of Applied Chemistry and Life Science, Toyohashi University of Technology, Toyohashi, 441-8580, Japan, Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Nagahata M., Department of Applied Chemistry and Life Science, Toyohashi University of Technology, Toyohashi, 441-8580, Japan; Nindhia T.G.T., Department of Mechanical Engineering, Faculty of Engineering, Universitas Udayana, Jalan Kampus Bukit Jimbaran, Kuta Selatan, Denpasar, 80361, Indonesia; Kamahara H., Global Engagement Center, Toyohashi University of Technology, Toyohashi, 441-8580, Japan; Atsuta Y., Research Center for Agrotechnology and Biotechnology, Toyohashi University of Technology, Toyohashi, 441-8580, Japan; Daimon H., Department of Applied Chemistry and Life Science, Toyohashi University of Technology, Toyohashi, 441-8580, Japan, Research Center for Agrotechnology and Biotechnology, Toyohashi University of Technology, Toyohashi, 441-8580, Japan	Japan
100	Khan R.; Alabsi A.A.N.; Muda I.	Comparing the effects of agricultural intensification on CO2 emissions and energy consumption in developing and developed countries	2023	Frontiers in Environmental Science	Khan R., School of Internet Economics and Business, Fujian University of Technology, Fuzhou, China; Alabsi A.A.N., School of Architecture and Planning, Fujian University of Technology, Fuzhou, China; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia	China
101	Purwandari V.; Rianna M.; Marpongahtun; Isnaeni I.; Zou Y.; Harahap M.; Halawa G.; Goei R.; ling Yoong Tok A.	The role of biocatalysts in the synthesis of graphene nanosheets from sub-bituminous coal	2023	Materials Science for Energy Technologies	Purwandari V., Department of Chemistry, Faculty of Science, Technology, and Information, Sari Mutiara University Indonesia, Jalan Captain Muslim No, 79 Medan 20124, Indonesia, Photonics Research Center, National Research and Innovation Agency, Indonesia; Rianna M., Universitas Sumatera Utara, Medan, 20155, Indonesia; Marpongahtun, Universitas Sumatera Utara, Medan, 20155, Indonesia; Isnaeni I., Photonics Research Center, National Research and Innovation Agency, Indonesia; Zou Y., School of Materials Science and Engineering, Nanyang Technological University, Singapore; Harahap M., Department of Chemistry, Faculty of Science, Technology, and Information, Sari Mutiara University Indonesia, Jalan Captain Muslim No, 79 Medan 20124, Indonesia; Halawa G., Department of Chemistry, Faculty of Science, Technology, and Information, Sari Mutiara University Indonesia, Jalan Captain Muslim No, 79 Medan 20124, Indonesia; Goei R., School of Materials Science and Engineering, Nanyang Technological University, Singapore; ling Yoong Tok A., School of Materials Science and Engineering, Nanyang Technological University, Singapore	Singapore
102	Ghorbanzadeh D.; Chandra T.; Akhmadeev R.; Yurievna Aleynikova M.; Muda I.	Enhancing Emotional Culture Through Internal Communication: Impact on Employee-Organization Relationships and Employee Advocacy	2023	International Journal of Strategic Communication	Ghorbanzadeh D., Department of Management and Social Science, Islamic Azad University of Tehran North Branch, Tehran, Iran; Chandra T., Department of Master Management, Institute Business and Technology Pelita Indonesia, Pekanbaru, Indonesia; Akhmadeev R., Department of State and Municipal Finance, Plekhanov Russian University of Economics, Moscow, Russian Federation; Yurievna Aleynikova M., Audit and Corporate Reporting Department, Financial University Under the Government of the Russian Federation, Moscow, Russian Federation; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia	Russia

No	AUTHORS NAME	Article Title	Year	Journal Name	Affiliation of Authors	Country of Authors
103	Maser W.H.; Karnjanapratum S.; Kingwascharapong P.; Venkatachalam K.; Ali A.M.M.; Bavisetty S.C.B.	Effect of different drying methods on phenolic content, antioxidant, antidiabetic, anti-obesity, and inhibition kinetic properties of selective green leafy vegetables	2023	Biodiversitas	Maser W.H., School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand, Department of Food Technology, Faculty of Agriculture, Universitas Sumatera Utara, Jl. Dr. T. Mansur No. 9, Kampus Padang Bulan, North Sumatra, Medan, 20155, Indonesia; Karnjanapratum S., Division of Marine Product Technology, Faculty of Agro-Industry, Chiang Mai University., Mueang, Chiang Mai, 50100, Thailand; Kingwascharapong P., Department of Fishery Products, Faculty of Fisheries, Kasetsart University, Ladyao, Chatuchak, Bangkok, 10900, Thailand; Venkatachalam K., Faculty of Innovative Agriculture and Fishery Establishment Project, Prince of Songkla University, Surat Thani Campus, Makham Tia, Muang, Surat Thani, 84000, Thailand; Ali A.M.M., School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand; Bavisetty S.C.B., School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand	Thailand
104	Pallathadka H.; Al-Hawary S.I.S.; Muda I.; Surahman S.H.; Al-Salami A.A.A.; Nasimova Z.	The study of Islamic teachings in education: With an emphasis on behavioural gentleness	2023	HTS Teologiese Studies / Theological Studies	Pallathadka H., Department of Research and Development, Manipur International University, Manipur, Imphal, India; Al-Hawary S.I.S., Department of Business Administration, Business School, Al al-Bayt University, Mafraq, Jordan; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Surahman S.H., Faculty of Religion, UIN Raden Mas Said Surakarta, Sukoharjo, Indonesia; Al-Salami A.A.A., Department of Qur'anic Studies, College of Islamic Science, The Islamic University, Najaf, Iraq; Nasimova Z., Department of General Pedagogy, Tashkent State Pedagogical University named after Nizami, Tashkent, Uzbekistan, Department of Scientific Affairs, Alisher Navo'i Tashkent State University of Uzbek Language and Literature, Tashkent, Uzbekistan	Uzbek
105	Aswin M.; Al-Fakih A.; Syed Z.I.; Liew M.S.	Influence of Different Dapped-End Reinforcement Configurations on Structural Behavior of RC Dapped-End Beam	2023	Buildings	Aswin M., Departemen Teknik Sipil, Universitas Sumatera Utara, Medan, 20155, Indonesia; Al-Fakih A., Interdisciplinary Research Center for Construction and Building Materials, King Fahd University of Petroleum and Minerals, Dhahran, 31261, Saudi Arabia; Syed Z.I., Department of Engineering, School of Computing Engineering and Digital Technologies, Teesside University, Middlesbrough, TS1 3BX, United Kingdom; Liew M.S., Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 32610, Malaysia	United Kingdom
106	Sutanto E.; Purwanto T.W.; Fahmi F.; Yazid M.; Shalannanda W.; Aziz M.	Implementation of Closing Eyes Detection with Ear Sensor of Muse EEG Headband using Support Vector Machine Learning	2023	International Journal of Intelligent Engineering and Systems	Sutanto E., Biomedical Engineering, Faculty of Science and Technology, Universitas Airlangga, Kampus C Mulyorejo, Surabaya, 60115, Indonesia; Purwanto T.W., PT. Teknologi Otak Kekinian, Surabaya, Indonesia; Fahmi F., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia; Yazid M., Biomedical Engineering Department, Institut Teknologi Sepuluh November, Indonesia; Shalannanda W., School of Electrical Engineering and Informatics, Bandung Institute of Technology, Bandung, Indonesia; Aziz M., Institute of Industrial Science, The University of Tokyo, Japan	Japan

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107	Siburian R.; Hutagalung F.; Silitonga O.; Paiman S.; Simatupang L.; Simanjuntak C.; Aritonang S.P.; Alias Y.; Jing L.; Goei R.; Tok A.I.Y.	The New Materials for Battery Electrode Prototypes	2023	Materials	Siburian R., Chemistry Department, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Carbon Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia, Postgraduate Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Hutagalung F., Postgraduate Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Silitonga O., Chemistry Department, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Paiman S., Physics Department, Faculty of Science, Universiti Putra Malaysia, Serdang, 43400, Malaysia; Simatupang L., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Medan, 20221, Indonesia; Simanjuntak C., Carbon Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia, Postgraduate Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Aritonang S.P., Postgraduate Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Faculty of Agriculture, Universitas Methodist Indonesia, Medan, 20151, Indonesia; Alias Y., Department of Chemistry, Faculty of Science, Universiti Malaya, Kuala Lumpur, 50603, Malaysia, University Malaya Centre for Ionic Liquids (UMCIL), Universiti Malaya, Kuala Lumpur, 50603, Malaysia; Jing L., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Tok A.I.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore	Malaysia, Singapore
108	Prananda A.T.; Dalimunthe A.; Harahap U.; Syahputra R.A.; Nugraha S.E.; Situmorang P.C.; Fah Y.T.; Adrian; Siahaan J.M.; Velaro A.J.; Bilakaya B.; Harahap M.A.Y.	Phytochemical profiling and cardioprotective activity of Vernonia amygdalina ethanol extract (VAEE) against ISO-induced cardiotoxicity in rats	2023	Pharmacia	Prananda A.T., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Dalimunthe A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Harahap U., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Syahputra R.A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Nugraha S.E., Department of Pharmaceutical Biology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Situmorang P.C., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Fah Y.T., Department of Pharmacy, Faculty of Pharmacy, Lincoln University, Kuala Lumpur, Malaysia; Adrian, Department of Surgery, Faculty of Medicine, Universitas Methodist Indonesia, Medan, Indonesia; Siahaan J.M., Department of Physiology, Faculty of Medicine, Universitas Methodist Indonesia, Medan, Indonesia; Velaro A.J., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Bilakaya B., Department of Pharmaceutical Technology, Faculty of Pharmacy, Biruni University, Istanbul, Turkey; Harahap M.A.Y., Department of Animal Nutrition, Faculty of Animal Science, Brawijaya University, Malang, Indonesia	Turkiye
109	Khan S.I.; Kaur C.; Al Ansari M.S.; Muda I.; Borda R.F.C.; Bala B.K.	Implementation of cloud based IoT technology in manufacturing industry for smart control of manufacturing process	2023	International Journal on Interactive Design and Manufacturing	Khan S.I., Department of Business Administration, College of Administration and Economics, Lebanese French University, Kurdistan Region, Erbil, Iraq; Kaur C., Computer Science Department, Jazan University, Jizan, Saudi Arabia; Al Ansari M.S., 3College of Engineering, Department of Chemical Engineering, University of Bahrain, Zallaq, Bahrain; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, 20222Jl.Prof TM Hanafiah 12, USU Campus, Padang bulan, Medan, 20155, Indonesia; Borda R.F.C., Ricardo Fernando Cosio Borda, Universidad Privada del Norte, Lima, Peru; Bala B.K., Department of Artificial Intelligence and Data Science, K. Ramakrishnan College of Engineering, Tamil Nadu, Trichy, India	Iraq, India, Saudi Arabia

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110	Wee A.K.S.; Salmo S.G., III; Sivakumar K.; Then A.Y.H.; Basyuni M.; Fall J.; Habib K.A.; Isowa Y.; Leopardas V.; Peer N.; Artigas-Ramirez M.D.; Ranawana K.; Sivaipram I.; Suleiman M.; Kajita T.	Prospects and challenges of environmental DNA (eDNA) metabarcoding in mangrove restoration in Southeast Asia	2023	Frontiers in Marine Science	Wee A.K.S., School of Environmental and Geographical Sciences, University of Nottingham, Malaysia Campus, Selangor, Semenyih, Malaysia; Salmo S.G., III, Institute of Biology, College of Science, University of the Philippines Diliman, Quezon City, Philippines; Sivakumar K., Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Portonovo, India; Then A.Y.H., Institute of Biological Sciences, Faculty of Science, Universiti Malaya, Kuala Lumpur, Malaysia; Basyuni M., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, Indonesia; Fall J., University Institute of Fisheries and Aquaculture, University Cheikh Anta Diop, Dakar, Senegal; Habib K.A., Dept. of Fisheries Biology and Genetics, Faculty of Fisheries, Aquaculture & Marine Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh; Isowa Y., Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus, Uehara, Taketomi, Yaeyama, Okinawa, Japan; Leopardas V., College of Marine and Allied Sciences, Mindanao State University at Naawan, Naawan, Misamis Oriental, Philippines; Peer N., Department of Botany and Zoology, Stellenbosch University, Stellenbosch, South Africa; Artigas-Ramirez M.D., Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus, Uehara, Taketomi, Yaeyama, Okinawa, Japan; Ranawana K., Department of Zoology, Faculty of Science, University of Peradeniya, Peradeniya, Sri Lanka; Sivaipram I., Department of Marine Science, Faculty of Science, Chulalongkorn University, Bangkok, Thailand; Suleiman M., Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah, Sabah, Kota Kinabalu, Malaysia; Kajita T., Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus, Uehara, Taketomi, Yaeyama, Okinawa, Japan, Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah, Sabah, Kota Kinabalu, Malaysia	Malaysia, Philippines, India, Bangladesh, Japan, South Africa, Thailand, Sri Langka,
111	Benson Y.A.; Hasan M.M.; Jamal M.H.; Lee L.H.; Anthony D.; Mohamad K.A.; Hamzah S.B.; Othman I.K.	Erosion-deposition Prone Assessment Along the Kelantan and Terengganu Coasts Due to Sea Level Rise	2023	IOP Conference Series: Earth and Environmental Science	Benson Y.A., Center for Coastal and Ocean Engineering (COEI), Universiti Teknologi Malaysia (UTM), Johore, Malaysia, Senior Researcher, Coastal Management and Oceanography Research Centre, National Water Research Institute of Malaysia (NAHRIM), Malaysia; Hasan M.M., Faculty of Engineering, University of Sumatera Utara, Medan, Indonesia, Senior Coastal Modeller, Hydroinformatics Institute (H2i), Singapore, Singapore; Jamal M.H., Center for Coastal and Ocean Engineering (COEI), Universiti Teknologi Malaysia (UTM), Johore, Malaysia, School of Civil Engineering, Engineering Faculty, Universiti Teknologi Malaysia (UTM), Johore, Malaysia; Lee L.H., Senior Researcher, Coastal Management and Oceanography Research Centre, National Water Research Institute of Malaysia (NAHRIM), Malaysia; Anthony D., Senior Researcher, Coastal Management and Oceanography Research Centre, National Water Research Institute of Malaysia (NAHRIM), Malaysia; Mohamad K.A., Senior Researcher, Coastal Management and Oceanography Research Centre, National Water Research Institute of Malaysia (NAHRIM), Malaysia; Hamzah S.B., Senior Researcher, Coastal Management and Oceanography Research Centre, National Water Research Institute of Malaysia (NAHRIM), Malaysia, Universiti Putra Malaysia (UPM), Selangor, Malaysia; Othman I.K., School of Civil Engineering, Engineering Faculty, Universiti Teknologi Malaysia (UTM), Johore, Malaysia	Malaysia, Singapore

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112	Gea S.; Bulan R.; Zaidar E.; Piliang A.F.; Oktari N.; Rahayu S.; Hutapea Y.A.; Sari R.M.	Ultrasound pretreatment and enzymatic deinking by using bacterial cellulases from rice husk	2023	Journal of Wood Chemistry and Technology	Gea S., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Bulan R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Zaidar E., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Piliang A.F., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Oktari N., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Rahayu S., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Hutapea Y.A., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Department of Hydrogen Energy Systems, Graduate School of Engineering, Kyushu University, Fukuoka, Japan; Sari R.M., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Medan, Indonesia, Research Center for Food Technology and Processing, National Research and Innovation Agency, Yogyakarta, Gunungkidul, Indonesia	Japan
113	Zuhri A.; Ramírez-Coronel A.A.; Al-Hawary S.I.S.; Dwijendra N.K.A.; Muda I.; Pallathadka H.; Amiruddin M.M.; Sunarsi D.	Evaluation of the role of Islamic lifestyle in communication skills of Muslim couples	2023	HTS Teologiese Studies / Theological Studies	Zuhri A., Faculty of Usuluddin and Islamic Studies, Universitas Islam Negeri Sumatera Utara Medan, Medan, Indonesia; Ramírez-Coronel A.A., Azogues Campus Nursing Career, Health and Behavior Research Group (HBR), Psychometry and Ethology Laboratory, Catholic University of Cuenca, Ecuador, Epidemiology and Biostatistics Research Group, CES University, Colombia; Al-Hawary S.I.S., Department of Business Administration, Business School, Al al-Bayt University, Mafraq, Jordan; Dwijendra N.K.A., Faculty of Engineering, Udayana University, Bali, Indonesia; Muda I., Department of Doctoral Program, Faculty of Economics and Business, Universitas Sumatera Utara, Medan, Indonesia; Pallathadka H., Department of Research and Development, Manipur International University, Imphal, India; Amiruddin M.M., Faculty of Economics and Islamic Business, Institut Agama Islam Negeri Parepare, South Sulawesi, Indonesia; Sunarsi D., Department of Management Sciences, Universitas Pasundan, Bandung, Indonesia, Management Science, Universitas Pamulang, Tangerang Selatan, Banten, Indonesia	Colombia, Jordan, India
114	Yang W.; Bakar B.H.A.; Mamat H.; Gong L.; Nursyamsi N.	A Laboratory-Scale Study of Selected Chinese Typical Flammable Wildland Timbers Ignition Formation Mechanism	2023	Fire	Yang W., School of Civil Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, 14300, Malaysia, Chongqing Dadukou District Department of Housing and Urban Rural Development, Chongqing, 400084, China; Bakar B.H.A., School of Civil Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, 14300, Malaysia; Mamat H., School of Aerospace Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, 14300, Malaysia; Gong L., Department of Fire protection Engineering, Southwest Jiaotong University, Chengdu, 610032, China; Nursyamsi N., Department of Civil Engineering, Faculty of Engineering, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia	Malaysia, China
115	Sasmito S.D.; Basyuni M.; Kridalaksana A.; Saragi-Sasmito M.F.; Lovelock C.E.; Murdiyarso D.	Challenges and opportunities for achieving Sustainable Development Goals through restoration of Indonesia's mangroves	2023	Nature Ecology and Evolution	Sasmito S.D., NUS Environmental Research Institute, National University of Singapore, Singapore, Singapore, Department of Geography, National University of Singapore, Singapore, Singapore; Basyuni M., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, Indonesia; Kridalaksana A., Banyuwangi, Indonesia; Saragi-Sasmito M.F., Denpasar Bali, Indonesia; Lovelock C.E., School of Biological Sciences, The University of Queensland, St Lucia, QLD, Australia; Murdiyarso D., Center for International Forestry Research, Bogor, Indonesia, Department of Geophysics and Meteorology, IPB University, Bogor, Indonesia	Singapore, Australia

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116	Umroh B.; Rahman M.N.A.; Zailani N.A.M.; Mokhtar M.N.A.; Irianto I.; Ginting A.; Muhamud R.L.	Parametric Analysis Of Heat-Affected Zone (HAZ) Characteristics And Taper Angle During Machining Of Alumina Ceramic Using CO2 Laser	2023	Journal of Applied Science and Engineering	Umroh B., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Melaka, Durian Tunggal, 76100, Malaysia, Faculty of Engineering Universitas Medan Area, Jalan Kolam No. 1 Medan Estate, 20223, Indonesia; Rahman M.N.A., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Melaka, Durian Tunggal, 76100, Malaysia; Zailani N.A.M., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Melaka, Durian Tunggal, 76100, Malaysia; Mokhtar M.N.A., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Melaka, Durian Tunggal, 76100, Malaysia; Irianto I., Department-General Education, Faculty of Resilience, Rabdan Academy, Abu Dhabi, 22401, United Arab Emirates; Ginting A., Laboratory of Machining Processes, Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jalan Almamater, Building J17.01.01, Medan, 20155, Indonesia; Muhamud R.L., RS Advanced Technology, Sdn. Bhd. No. 35G, Jalan Mutiara Subang 1, Taman Mutiara Subang, Selangor, Subang Jaya, 47500, Malaysia	Malaysia, United Arab States
117	Widoyo R.; Djafri D.; Putri A.S.E.; Yani F.F.; Kusumawati R.L.; Wongsirichot T.; Chongsuvivatwong V.	Missing Cases of Bacteriologically Confirmed TB/DR-TB from the National Treatment Registers in West and North Sumatra Provinces, Indonesia	2023	Tropical Medicine and Infectious Disease	Widoyo R., Epidemiology Unit, Faculty of Medicine, Prince Songkla University, Hat Yai, 90110, Thailand, Department of Epidemiology and Biostatistics, Faculty of Public Health, Universitas Andalas, Padang, 25128, Indonesia; Djafri D., Department of Epidemiology and Biostatistics, Faculty of Public Health, Universitas Andalas, Padang, 25128, Indonesia; Putri A.S.E., Department of Epidemiology and Biostatistics, Faculty of Public Health, Universitas Andalas, Padang, 25128, Indonesia; Yani F.F., Department of Child Health, Faculty of Medicine, Universitas Andalas, Dr. M. Djamil General Hospital, Padang, 25128, Indonesia; Kusumawati R.L., Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, H. Adam Malik Hospital, Medan, 20136, Indonesia; Wongsirichot T., Division of Computational Science, Faculty of Science, Prince of Songkla University, Hat Yai, 90110, Thailand; Chongsuvivatwong V., Epidemiology Unit, Faculty of Medicine, Prince Songkla University, Hat Yai, 90110, Thailand	Thailand
118	Binh An N.; Kuo Y.-L.; Mabrouk F.; Sanyal S.; Muda I.; Hishan S.S.; Abdulrehman N.	Ecological innovation for environmental sustainability and human capital development: the role of environmental regulations and renewable energy in advanced economies	2023	Economic Research-Ekonomiska Istrazivanja	Binh An N., Faculty of Law, Binh Duong University, Thủ Dầu Một, Viet Nam; Kuo Y.-L., Bachelor Program of Digital Media, Commercial College, Chinese Culture University, Taipei City, Taiwan; Mabrouk F., Department of Economics, College of Business Administration, Princess Nourah Bint Abdulrahman University, Riyadh, Saudi Arabia; Sanyal S., Department of Marketing and Entrepreneurship, Dhofar University, Salalah, Oman; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Hishan S.S., Azman Hashim International Business School, Universiti Teknologi Malaysia, Johor Bahru, Malaysia; Abdulrehman N., Faculty of Economics & Management Sciences, University of Garden City, Khartoum, Sudan	Viet Nam, Taiwan. Saudi Arabia, Oman, Malaysia, Sudan

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119	Xiang H.; Lu J.; Kosov M.E.; Volkova M.V.; Ponkratov V.V.; Masterov A.I.; Elyakova I.D.; Popkov S.Yu.; Taburov D.Yu.; Lazareva N.V.; Muda I.; Vasiljeva M.V.; Zekiy A.O.	Sustainable Development of Employee Lifecycle Management in the Age of Global Challenges: Evidence from China, Russia, and Indonesia	2023	Sustainability (Switzerland)	Xiang H., School of Labor Economics, Capital University of Economics and Business, Beijing, 100070, China; Lu J., School of Labor Economics, Capital University of Economics and Business, Beijing, 100070, China; Kosov M.E., Department of State and Municipal Finance, Plekhanov Russian University of Economics, Moscow, 117997, Russian Federation, Department of Public Finances, Financial University under the Government of the Russian Federation, Moscow, 125993, Russian Federation, Legal Management Institute HSLA, HSE University, Moscow, 101000, Russian Federation; Volkova M.V., Department of Industrial Logistics, Bauman Moscow State Technical University, Moscow, 105005, Russian Federation; Ponkratov V.V., Center of Financial Policy, Financial University under the Government of the Russian Federation, Moscow, 125993, Russian Federation; Masterov A.I., Center of Financial Policy, Financial University under the Government of the Russian Federation, Moscow, 125993, Russian Federation; Elyakova I.D., Department of Finance and Banking, North-Eastern Federal University, Yakutsk, 677010, Russian Federation; Popkov S.Yu., Department of Financial Management and Financial Law, Moscow Metropolitan Governance Yury Luzhkov University, Moscow, 107045, Russian Federation; Taburov D.Yu., Center for Branch Economics, Research Financial Institute of the Ministry of Finance of the Russian Federation, Moscow, 127006, Russian Federation; Lazareva N.V., Department of Economics, National University of Science & Technology (MISIS), Moscow, 119049, Russian Federation; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Vasiljeva M.V., Top Management, Autonomous Non-Profit Organization "Publishing House Scientific Review" (Nauchnoe Obozrenie), Moscow, 127051, Russian Federation, Top Management, Atlantic Science and Technology Academic Press, Boston, 01233, MA, United States; Zekiy A.O., Department of Prosthetic Dentistry, I. M. Sechenov First Moscow State Medical University (Sechenov University), Moscow, 119991, Russian Federation	China, Rusia
120	Aini Q.; Talib S.G.; Alghazali T.; Ali M.H.; Sahi Z.T.; Kumar T.; Muda I.; Ramírez-Coronel A.A.; Sunarsi D.	Spiritual intelligence, spiritual health and occupational stress in Islamic organisations	2023	HTS Teologiese Studies / Theological Studies	Aini Q., Department of Hospital Management, Universitas Muhammadiyah, Yogyakarta, Indonesia; Talib S.G., Department of Law, Al-Mustaqbal University College, Babylon, Iraq; Alghazali T., Department of Journalism, College of Media, The Islamic University in Najaf, Najaf, Iraq; Ali M.H., Department of Business Administration, Al-Nisour University College, Baghdad, Iraq; Sahi Z.T., Department of Dentistry, Al-Zahrawi University College, Karbala, Iraq; Kumar T., College of Science and Humanities, Sulail, Prince Sattam bin Abdulaziz University, Al Kharj, Saudi Arabia; Muda I., Faculty of Economic and Business, University of Sumatera Utara, Medan, Indonesia; Ramírez-Coronel A.A., Faculty of Epidemiology and Biostatistics, Catholic University of Cuenca, Azogues, Ecuador; Sunarsi D., Faculty of Economic and Business, Universitas Pamulang, Banten, Tangerang Selatan, Indonesia	Iraq, Saudi Arabia, Ecuador
121	Al-Hawary S.I.S.; Subrahmanyam S.; Muda I.; Kumar T.; Ramírez-Coronel A.A.; Al-Salami A.A.A.	Islam-based spiritual orientations and quality of work life among Muslims	2023	HTS Teologiese Studies / Theological Studies	Al-Hawary S.I.S., Department of Business Administration, Al al-Bayt University, Mafraq, Jordan; Subrahmanyam S., Department of Business, Holy Spirit University of Kaslik, Kaslik, Lebanon; Muda I., Faculty of Economics and Business, Universitas Sumatera Utara, Medan, Indonesia; Kumar T., Department of English Language and Literature at Sulail, College of Science and Humanities, Prince Sattam Bin Abdulaziz University, Al Kharj, Sulail, Saudi Arabia; Ramírez-Coronel A.A., Azogues Campus Nursing Career, Health and Behavior Research Group (HBR), Psychometry and Ethology Laboratory, Catholic University of Cuenca, Ecuador, Epidemiology and Biostatistics Research Group, CES University, Colombia; Al-Salami A.A.A., Department of Qur'anic Studies, College of Islamic Science, The Islamic University, Najaf, Iraq	Jordan, Lebanon, Saudi Arabia, Ecuador, Colombia, Iraq

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122	Liu J.; Kim Loan V.T.; Mousa S.; Ali A.; Muda I.; Cong P.T.	Sustainability and natural resources management in developed countries: The role of financial inclusion and human development	2023	Resources Policy	Liu J., Business School, HuBei University, Wuhan, 430062, China; Kim Loan V.T., Faculty of Fundamental Sciences, Van Lang University, Ho Chi Minh City, Viet Nam; Mousa S., Rennes School of Business, France; Ali A., Department of Management, College of Business Administration, Prince Sattam Bin Abdulaziz University, Al-Kharj, Saudi Arabia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia, TM Hanafiah 12, USU Campus, Padang Bulan, Medan, 20155, Indonesia; Cong P.T., Faculty of Economics, Thuongmai University, Hanoi, Viet Nam	China, Viet Nam, Saudi Arabia
123	Candra O.; Chammmam A.; Rahardja U.; Ramirez-Coronel A.A.; Al-Jaleel A.A.; Al-Kharsan I.H.; Muda I.; Derakhshani G.B.; Rezai M.M.	Optimal Participation of the Renewable Energy in Microgrids with Load Management Strategy	2023	Environmental and Climate Technologies	Candra O., Department of Teknik Elektro, Universitas Negeri Padang, Padang, Indonesia; Chammmam A., Department of Electrical Engineering, College of Engineering, Prince Sattam Bin Abdulaziz University, Alkharj, Saudi Arabia; Rahardja U., Faculty of Science and Technology, University of Raharja, Tangerang, Indonesia; Ramirez-Coronel A.A., Research Group in Educational Statistics, National University of Education, Azogues, Ecuador; Al-Jaleel A.A., Al-maarif University College, Medical Laboratory Techniques Department, Iraq; Al-Kharsan I.H., Computer Technical Engineering Department, College of Technical Engineering, The Islamic University, Najaf, Iraq; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Derakhshani G.B., Electropars Company, Shahr-e-babak, Kerman, Iran; Rezai M.M., Electropars Company, Shahr-e-babak, Kerman, Iran	Saudi Arabia, Ecuador, Iraq, Iran
124	Al-Hawary S.I.S.; Alkhayyat A.; Shafieezadeh M.M.; Dwijendra N.K.A.; Khalaf E.; Muda I.	A Novel Microstructure of 2-Bit Optical Analog to Digital Converter Based on Kerr Effect Nonlinear Nanocavities in 2D Photonic Crystal	2023	Journal of Sensors	Al-Hawary S.I.S., Department of Business Administration, Business School, Al Al-Bayt University, P.O. BOX 130040, Mafraq, 25113, Jordan; Alkhayyat A., Department of Computer Technical Engineering, College of Technical Engineering, Najaf, Iraq; Shafieezadeh M.M., Department of Chemical Engineering, Islamic Azad University, Shiraz, Iran; Dwijendra N.K.A., Faculty of Engineering, Udayana University, Bali, 80361, Indonesia; Khalaf E., Department of Pharmacy, University: Al-Maarif University College, Ramadi, Iraq; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia	Jordan, Iraq, Iran
125	Yuan J.; Al Shraah A.; Kuo Y.-K.; Muda I.; Mabrouk F.; Espinoza-Maguiña M.; Abdulrehman N.	Effects of ecological innovation, governance structure, and social development on the adoption of sustainable reporting in the global tourism industry	2023	Economic Research-Ekonomiska Istrazivanja	Yuan J., Lyceum of the Philippines University, Manila, Philippines; Al Shraah A., Department of Business Administration, Faculty of Economics and Administrative Sciences, The Hashemite University, Zarqa, Jordan; Kuo Y.-K., Bachelor Program in Leisure Industry Management, Commercial College, Chinese Culture University, Taipei City, Taiwan; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia, USU Campus, Padang bulan, Medan, Indonesia; Mabrouk F., Department of Economics, College of Business and Administration, Princess Nourah Bint Abdulrahman University, Riyadh, Saudi Arabia; Espinoza-Maguiña M., Universidad Nacional Santiago Antúnez de Mayolo, Huaraz, Peru; Abdulrehman N., Faculty of Economics & Management Sciences at the University of Garden City, Sudan	Philippines, Jordan, Taiwan, Saudi Arabia, Peru, Sudan
126	Ahmad F.; Hastuty I.P.	Study of slope failure in two regions: A comparative study between Penang Island Malaysia and North Sumatera Indonesia	2023	Smart Geotechnics for Smart Societies	Ahmad F., School of Civil Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, Nibong Tebal, Malaysia; Hastuty I.P., Department of Civil Engineering, Universitas Sumatera Utara, Sumatera Utara, Indonesia	Malaysia
127	Prawira I.F.A.; Habbe A.H.; Muda I.; Hasibuan R.M.; Umbraja A.	Robot as Staff: Robot for Alibaba E-Commerce Warehouse Process	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	Prawira I.F.A., Accounting Department, Universitas Pendidikan Indonesia, Bandung, Indonesia; Habbe A.H., Accounting Department, Universitas Hasanuddin, Makassar, Indonesia; Muda I., Accounting Department, Universitas Sumatera Utara, Medan, Indonesia; Hasibuan R.M., Universitas Sumatera Utara, Medan, Indonesia; Umbraja A., Dr. D Y Patil Institute of Engineering Management and Research Akurdi, India	India

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128	Irwanti M.; Ramírez-Coronel A.A.; Kumar T.; Muda I.; Al-Khafaji F.A.H.; Alsalami H.T.; Hassan A.Y.	The study of freedom of expression in Islamic teachings with an emphasis on Nahj al-Balagha	2023	HTS Teologiese Studies / Theological Studies	Irwanti M., Department of Communication Sciences, Universitas Sahid Jakarta, Jakarta, Indonesia; Ramírez-Coronel A.A., Azogues Campus Nursing Career, Health and Behavior Research Group (HBR), Laboratory of Psychometrics, Comparative Psychology and Ethology (LABPCE), Catholic University of Cuenca, Ecuador; Kumar T., Department of English Language and Literature, Faculty of Science and Humanities, Prince Sattam Bin Abdulaziz University, Sulail, Saudi Arabia; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Al-Khafaji F.A.H., Department of Media, Al-Mustaqbal University College, Babylon, Iraq; Alsalami H.T., Department of Quran Sciences, Altoosi University College, Najaf, Iraq; Hassan A.Y., Department of English, Al-Nisour University College, Baghdad, Iraq	Ecuador, Saudi Arabia, Iraq
129	Patra I.; Muda I.; Ketut Acwin Dwijendra N.; Najm M.A.A.; Hamoud Alshahrani S.; Sajad Kadhim S.; Hameed N.M.; Alnassar Y.S.; Mohammed N.M.; Mustafa Y.F.; Shojaeimotlagh V.	A Systematic Review and Meta-Analysis on Death Anxiety During COVID-19 Pandemic	2023	Omega (United States)	Patra I., An Independent Researcher, NIT Durgapur, West Bengal, Durgapur, India; Muda I., Faculty Economic and Business, Department of Doctoral Program, Universitas Sumatera Utara, Medan, Indonesia; Ketut Acwin Dwijendra N., Faculty of Engineering, Udayana University, Bali, Indonesia; Najm M.A.A., Pharmaceutical Chemistry Department, College of Pharmacy, Al-Ayen University, Thi-Qar, Iraq; Hamoud Alshahrani S., Medical Surgical Nursing Department, King Khalid University, Abha, Saudi Arabia; Sajad Kadhim S., Medical Laboratory Techniques Department, Al-Mustaqbal University College, Babylon, Iraq; Hameed N.M., Anesthesia Techniques, Al-Nisour University College, Iraq; Alnassar Y.S., The University of Mashreq, Baghdad, Iraq; Mohammed N.M., Department of Pharmacy, Mazaya University College, Dhi Qar, Iraq; Mustafa Y.F., Department of Pharmaceutical Chemistry, College of Pharmacy, University of Mosul, Mosul, Iraq; Shojaeimotlagh V., Department of Nursing, Urmia University of Medical Sciences, Urmia, Iran	India, Iraq, Saudi Arabia, Iran
130	Khairiah K.; Frida E.; Sebayang K.; Sinuhaji P.; Humaidi S.; Ridwanto; Fudholi A.; Marwoto P.	Carboxymethyl Cellulose Nanoabsorbent for Remediation of Polluted Water	2023	Journal of Ecological Engineering	Khairiah K., Department of Physics, FMIPA, Universitas Sumatera Utara, Jl. Bioteknologi I Kampus USU, Medan, 20155, Indonesia, Universitas Muslim Nusantara Al Washliyah, Jl. Garu II A No. 93, Medan Amplas, Kota Medan, Indonesia; Frida E., Department of Physics, FMIPA, Universitas Sumatera Utara, Jl. Bioteknologi I Kampus USU, Medan, 20155, Indonesia; Sebayang K., Department of Physics, FMIPA, Universitas Sumatera Utara, Jl. Bioteknologi I Kampus USU, Medan, 20155, Indonesia; Sinuhaji P., Department of Physics, FMIPA, Universitas Sumatera Utara, Jl. Bioteknologi I Kampus USU, Medan, 20155, Indonesia; Humaidi S., Department of Physics, FMIPA, Universitas Sumatera Utara, Jl. Bioteknologi I Kampus USU, Medan, 20155, Indonesia; Ridwanto, Universitas Muslim Nusantara Al Washliyah, Jl. Garu II A No. 93, Medan Amplas, Kota Medan, Indonesia; Fudholi A., Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia; Marwoto P., Physics Department, Faculty of Mathematics and Natural Science Universitas Negeri Semarang, Sekaran-Gunungpati, Semarang, 50229, Indonesia	Malaysia
131	Hai Yen T.T.; Wong W.-K.; Al-Abyadh M.H.A.; Muda I.; Julca-Guerrero F.; Hishan S.S.; Islam M.M.	The impact of ecological innovation and corporate social responsibilities on the sustainable development: Moderating role of environmental ethics	2023	Economic Research- Ekonomiska Istrazivanja	Hai Yen T.T., National Academy of Public Administration, Hanoi, Viet Nam; Wong W.-K., Department of Finance, Fintech & Blockchain Research Center, and Big Data Research Center, Asia University, Taichung, Taiwan, Department of Medical Research, China Medical University Hospital, Taichung, Taiwan, Department of Economics and Finance, The Hang Seng University of Hong Kong, Taichung, Taiwan; Al-Abyadh M.H.A., College of Education, Prince Sattam bin Abdulaziz University, Alkharj, Saudi Arabia, College of Education, Tamar University, Tamar, Yemen; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia, University of Sumatera Utara, Medan, Indonesia; Julca-Guerrero F., Universidad Nacional Santiago Antunez de Mayolo, Huaraz, Peru; Hishan S.S., Azman Hashim International Business School, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia; Islam M.M., Department of Business Administration, Shahjalal University of Science & Technology, Sylhet, Bangladesh	Viet Nam, China, Taiwan, Saudi Arabia, Peru, Malaysia, Bangladesh, Yemen

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132	Lisha L.; Mousa S.; Arnone G.; Muda I.; Huerta-Soto R.; Shiming Z.	Natural resources, green innovation, fintech, and sustainability: A fresh insight from BRICS	2023	Resources Policy	Lisha L., School of Business and Economics, University Putra Malaysia, UPM Serdang, 43400, Selangor Darul Ehsan, Malaysia, Ecological Environment Monitoring Center of Chengdu, Sichuan Province, China; Mousa S., Rennes School of Business, France; Arnone G., DIKE Research Group - Department of Private and Economic Law, Vrije Universiteit Brussel, Belgium; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Huerta-Soto R., Business Administration, Universidad Cesar Vallejo, Lima, Peru; Shiming Z., Ecological Environment Monitoring Center of Chengdu, Sichuan Province, China, Southwest University of Science and Technology, China	Malaysia, China, Belgium, Peru, China
133	Rutskiy V.; Muda I.; Joudar F.; Ilia F.; Lyubaya S.; Kuzmina A.; Tsarev R.	DAO Tokens: The Role for the Web 3.0 Industry and Pricing Factors	2023	Lecture Notes in Networks and Systems	Rutskiy V., Siberian Federal University, Krasnoyarsk, Russian Federation, Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO University), Saint-Petersburg, Russian Federation; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Joudar F., Faculty of Economics and Management, Hassan First University of Settat, Settat, Morocco; Ilia F., Siberian Federal University, Krasnoyarsk, Russian Federation, Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics (ITMO University), Saint-Petersburg, Russian Federation; Lyubaya S., Stavropol State Agrarian University, Stavropol, Russian Federation; Kuzmina A., National University of Science and Technology MISIS, Moscow, Russian Federation; Tsarev R., MIREA - Russian Technological University (RTU MIREA), Moscow, Russian Federation, Bauman Moscow State Technical University, Moscow, Russian Federation	Rusia, Morocco
134	Saputra B.; Alghamdi M.I.; Al-Khafaji F.A.H.; Al-Salami A.A.A.; Ramirez-Coronel A.A.; Muda I.	Perception of justice, citizens' trust and participation in a democratic Islamic society	2023	HTS Teologiese Studies / Theological Studies	Saputra B., Department of Legal Science, Universitas Padjajaran, Bandung, Indonesia; Alghamdi M.I., Department of Computer Engineering and Computer Sciences, Al-Baha University, Al-Baha, Saudi Arabia; Al-Khafaji F.A.H., Department of Media, Al-Mustaqbal University College, Babylon, Iraq; Al-Salami A.A.A., Department of Qur'anic Studies, College of Islamic Science, The Islamic University, Najaf, Iraq; Ramirez-Coronel A.A., Faculty of Epidemiology and Biostatistics, Catholic University of Cuenca, Azogues, Ecuador; Muda I., Faculty of Economic and Business, Universitas Sumatera Utara, Medan, Indonesia	Saudi Arabia, Iraq, Ecuador
135	Caraka R.E.; Wardhana I.W.; Kim Y.; Sakti A.D.; Gio P.U.; Noh M.; Pardamean B.	Connectivity, sport events, and tourism development of Mandalika's special economic zone: A perspective from big data cognitive analytics	2023	Cogent Business and Management	Caraka R.E., Research Center for Data and Information Sciences, Research Organization for Electronics and Informatics, National Research and Innovation Agency, Bandung, Indonesia, Department of Mathematical Sciences, Ulsan National Institute of Science and Technology, Ulsan, South Korea; Wardhana I.W., Research Center for Cooperative, Corporation, and People's Economy, National Research and Innovation Agency, Jakarta, Indonesia; Kim Y., Department of Mathematical Sciences, Ulsan National Institute of Science and Technology, Ulsan, South Korea; Sakti A.D., Remote Sensing and Geographic Information Sciences Research Group, Faculty of Earth Sciences and Technology, Institut Teknologi Bandung, Bandung, Indonesia; Gio P.U., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Noh M., Data and Information Sciences College of Information Technology and Convergence, Pukyong National University, Busan, South Korea; Pardamean B., Computer Science Department, BINUS Graduate Program, Master of Computer Science Program, Bina Nusantara University, Jakarta, Indonesia, Bioinformatics and Data Science Research Center, Bina Nusantara University, Jakarta, Indonesia	South Korea

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136	Yuandani; Jantan I.; Haque M.A.; Rohani A.S.; Nugraha S.E.; Salim E.; Septama A.W.; Juwita N.A.; Khairunnisa N.A.; Nasution H.R.; Utami D.S.; Ibrahim S.	Immunomodulatory effects and mechanisms of the extracts and secondary compounds of Zingiber and Alpinia species: a review	2023	Frontiers in Pharmacology	Yuandani, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia, Centre of Excellence for Chitosan and Advanced Materials, Universitas Sumatera Utara, Medan, Indonesia; Jantan I., Institute of Systems Biology, Universiti Kebangsaan Malaysia, Selangor, Bangi, Malaysia; Haque M.A., Department of Symptom Research, The University of Texas MD Anderson Cancer Center, Houston, TX, United States; Rohani A.S., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Nugraha S.E., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Salim E., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Septama A.W., Research Center for Pharmaceutical Ingredients and Traditional Medicine, National Research and Innovation Agency (BRIN), Kawasan PUSPIPTEK Serpong, Tangerang Selatan, Bogor, Indonesia; Juwita N.A., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Khairunnisa N.A., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Nasution H.R., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Utami D.S., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Ibrahim S., Institute of Systems Biology, Universiti Kebangsaan Malaysia, Selangor, Bangi, Malaysia	Malaysia, United States
137	Iswanto A.H.; Amanda D.W.; Gea S.; Susilowati A.; Fatriasari W.; Darwis A.; Adly Rahandi Lubis M.; Sucipto T.; Syahidah; Subekti N.; Hartono R.; Sutiawan J.; Hidayat W.; Kim N.H.	Characteristics of Simalambuo ( <i>Lophopetalum</i> sp.) wood from Nias Island, North Sumatra Province, Indonesia	2023	Biodiversitas	Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia; Amanda D.W., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Tri Dharma Ujung No. 1, North Sumatra, Medan, 20155, Indonesia; Susilowati A., JATI-Sumatran Forestry Analysis Study Center, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia, Department of Silviculture, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia; Fatriasari W., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Jl Raya Bogor Km. 46, West Java, Bogor, 16911, Indonesia; Darwis A., School of Life Sciences and Technology, Institut Teknologi Bandung, Jl. Ganesha 10, West Java, Bandung, 40132, Indonesia; Adly Rahandi Lubis M., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Jl Raya Bogor Km. 46, West Java, Bogor, 16911, Indonesia; Sucipto T., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala Bekala, North Sumatra, Deli Serdang, 20353, Indonesia; Syahidah, Forest Engineering, Department of Forestry, Universitas Hasanuddin, Jl. Perintis Kemerdekaan KM. 10, South Sulawesi, Makassar, 90245, Indonesia; Subekti N., Biology Department, Universitas Negeri Semarang, Jl. Raya Sekaran Gunungpati, Central Java, Semarang, 50299, Indonesia; Hartono R., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 USU Kwala	South Korea

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138	Toharudin T.; Caraka R.E.; Pratiwi I.R.; Kim Y.; Gio P.U.; Sakti A.D.; Noh M.; Nugraha F.A.L.; Pontoh R.S.; Putri T.H.; Azzahra T.S.; Cerelia J.J.; Darmawan G.; Pardamean B.	Boosting Algorithm to Handle Unbalanced Classification of PM2.5 Concentration Levels by Observing Meteorological Parameters in Jakarta-Indonesia Using AdaBoost, XGBoost, CatBoost, and LightGBM	2023	IEEE Access	Toharudin T., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Caraka R.E., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia, National Research and Innovation Agency, Research Center for Data and Information Sciences, Research Organization for Electronics and Informatics, West Java, Bandung, 40135, Indonesia, Ulsan National Institute of Science and Technology, Department of Mathematical Sciences, Ulsan, 44919, South Korea; Pratiwi I.R., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Kim Y., Ulsan National Institute of Science and Technology, Department of Mathematical Sciences, Ulsan, 44919, South Korea; Gio P.U., Universitas Sumatera Utara, Department of Mathematics, Medan, 20155, Indonesia; Sakti A.D., Bandung Institute of Technology, Remote Sensing and Geographic Information Sciences Research Group, Faculty of Earth Sciences and Technology, Bandung, 40132, Indonesia; Noh M., Pukyong National University, College of Information Technology and Convergence, Busan, 48513, South Korea; Nugraha F.A.L., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Pontoh R.S., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Putri T.H., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Azzahra T.S., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Cerelia J.J., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Darmawan G., Padjadjaran University, Faculty of Mathematics and Natural Science, Department of Statistics, West Java, 45361, Indonesia; Pardamean B., Bina Nusantara University, Bioinformatics and Data Science Research Center, Jakarta, 11480, Indonesia, Bina Nusantara University, BINUS Graduate Program-Master of Computer Science Program, Department of	South Korea
139	Sun B.; Zhu W.; Mughal N.; Hordofa T.T.; Zhanbayev R.; Muda I.	Sustainable economic growth via human capital and cleaner energy: evidence from non-parametric panel methods	2023	Economic Research-Ekonomiska Istrazivanja	Sun B., School of Economics and Finance, Xi'an Jiaotong University, Shaanxi, Xi'an, China; Zhu W., School of Business, Guangdong University of Foreign Studies, Guangzhou, China; Mughal N., School of Economics and Finance, Xi'an Jiaotong University, Shaanxi, Xi'an, China; Hordofa T.T., School of Economics and Finance, Xi'an Jiaotong University, Shaanxi, Xi'an, China; Zhanbayev R., Science Department, National Engineering Academy of the Republic of Kazakhstan, Almaty, Kazakhstan; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Jl. Prof TM Hanafiah 12 Campus, Medan, Padang Bulan, Indonesia	China, Kazakhstan
140	Humaidi S.; Jannah A.N.; Alias A.; Abd-Shukor R.	Enhanced superconducting transition temperature for Cr-substituted Tl <sub>2</sub> Ba <sub>2</sub> CaCu <sub>2</sub> O <sub>8-δ</sub>	2023	International Journal of Electrochemical Science	Humaidi S., Post Graduate Program (Physics) FMIPA, Universitas Sumatera Utara, Jln Bioteknologi no 1, Medan, 20155, Indonesia; Jannah A.N., Faculty of Applied Sciences, Universiti Teknologi MARA, Cawangan Negeri Sembilan, Kampus Kuala Pilah, Negeri Sembilan, Kuala Pilah, 72000, Malaysia; Alias A., Department of Applied Physics, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia; Abd-Shukor R., Department of Applied Physics, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia	Malaysia

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141	Hariato B.B.; Al-Awsi G.R.L.; Sivaraman R.; Anarboev M.; Ponkratov V.V.; Lawrencenko S.; Aravindhana S.; Bloshenko T.A.; Muda I.	Development of a Hybrid System Model for Enhanced Lifespan, Energy Efficiency, and Power Quality in Fuel Cells	2023	Mathematical Modelling of Engineering Problems	Hariato B.B., Department of Electrical and Electronic Engineering, Politeknik Penerbangan Surabaya, Surabaya, 60236, Indonesia; Al-Awsi G.R.L., Department of Radiological Techniques, Al-Mustaqbal University College, Babylon, Hillah, 51001, Iraq; Sivaraman R., Department of Mathematics, Institution of Dwaraka Doss Goverdhan Doss Vaishnav College, University of Madras, Arumbakkam, Chennai, 600005, India; Anarboev M., Department of Energy, Jizzakh Polytechnic Institute, Jizzakh, 130100, Uzbekistan; Ponkratov V.V., Department of Public Finance, Financial University under the Government of the Russian Federation, Moscow, 125167, Russian Federation; Lawrencenko S., Institute of Service Technologies, Russian State University of Tourism and Service, Moscow, 141221, Russian Federation; Aravindhana S., Department of Pharmacology, Saveetha Institute of Medical and Technical Sciences, Chennai, 602105, India; Bloshenko T.A., Department of Public Finance, Financial University under the Government of the Russian Federation, Moscow, 125167, Russian Federation; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia	India, Uzbekistan, Rusia
142	Rubino R.; Muda I.; Almedee A.; Alam S.; Ali A.D.; Sadikov R.; Panova E.	Communication skills according to Islamic teachings and students' life skills	2023	HTS Teologiese Studies / Theological Studies	Rubino R., Islamic Broadcasting Communications, Universitas Islam Negeri Sumatera Utara, Medan, Indonesia; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Almedee A., Department of English Language, College of Education, The Islamic University, Najaf, Iraq; Alam S., Department of English, College of Sciences and Humanities in Alkharj, Prince Sattam bin Abdulaziz University, Al-kharj, Saudi Arabia; Ali A.D., Department of Law, Al-Nisour University College, Baghdad, Iraq; Sadikov R., Department of Mother Tongue and its Teaching Methods in Primary Education, Tashkent State Pedagogical University named after Nizami, Tashkent, Uzbekistan; Panova E., Department of Humanitarian Disciplines, Moscow Polytechnic University, Moscow, Russian Federation	Iraq, Saudi Arabia, Uzbekistan, Rusia
143	Panggabean H.; Ke I.-C.; Perangin-Angin A.Br.	L2 CONFIDENCE DEVELOPMENT OF ELF INTERNATIONAL STUDENTS IN TAIWAN	2023	Teflin Journal	Panggabean H., Politeknik Unggulan Cipta Mandiri Medan, Jalan Bambu I No.102, Durian, North Sumatera, Medan, 20235, Indonesia; Ke I.-C., Yuan Ze University, No. 135, Yuandong Rd, Zhongli District, Taoyuan City, 320, Taiwan; Perangin-Angin A.Br., University of Sumatera Utara, Jl. Dr. T. Mansur No. 9, Padang Bulan, Kec. Medan Baru, North Sumatera, Medan, 20222, Indonesia	Taiwan
144	Nikbina M.; Doostifar K.; Rusdiana R.; Moradi A.; Marashi T.; Nikzadian M.	The status of self-care behaviors among type 2 diabetic patients: a cross-sectional study	2023	Romanian Journal of Diabetes, Nutrition and Metabolic Diseases	Nikbina M., Department of Midwifery, Shoushtar Faculty of Medical Sciences, Shoushtar, Iran; Doostifar K., Department of Public Health, Shoushtar Faculty of Medical Sciences, Shoushtar, Iran; Rusdiana R., Department of Biochemistry, Medical Faculty, Universitas Sumatera Utara, Medan, Indonesia; Moradi A., Department of Public Health, Shoushtar Faculty of Medical Sciences, Shoushtar, Iran; Marashi T., Department of Public Health, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences, Tehran, Iran; Nikzadian M., Department of Medical Emergencies, Shoushtar Faculty of Medical Sciences, Shoushtar, Iran	Iran
145	Rastgar A.A.; Maghdid R.S.; Muda I.; Davoudi S.M.M.	Transparent government based on Nahj al-Balagha and social trust among Muslim citizens	2023	HTS Teologiese Studies / Theological Studies	Rastgar A.A., Faculty of Economics, Management and Administrative Sciences, Semnan University, Semnan, Iran; Maghdid R.S., Department of Business Administration, Faculty of Humanities and Social Sciences, Koya University, Kurdistan Region, Koya, Iraq; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Davoudi S.M.M., Faculty of Economics, Management and Administrative Sciences, Semnan University, Semnan, Iran	Iran, Iraq
146	Purwoko A.; Zaitunah A.; Samsura D.A.A.; Sibarani R.; Muda I.; Faustina C.	ASSESSING THE DEVELOPMENT POTENTIAL, FEASIBILITY AND VISITOR ASSESSMENT IN THE SIPINSUR GEOSITE NATURAL TOURISM AREA, TOBA CALDERA GLOBAL GEOPARK, INDONESIA	2023	Geojournal of Tourism and Geosites	Purwoko A., Universitas Sumatera Utara, Faculty of Forestry, Medan, Indonesia; Zaitunah A., Universitas Sumatera Utara, Faculty of Forestry, Medan, Indonesia; Samsura D.A.A., Radboud University, Faculty of Management, Netherland, Nijmegen, Netherlands; Sibarani R., Universitas Sumatera Utara, Faculty of Humanities, Medan, Indonesia; Muda I., Universitas Sumatera Utara, Faculty of Forestry, Medan, Indonesia; Faustina C., Universitas Sumatera Utara, Faculty of Forestry, Medan, Indonesia	Netherlands

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147	Vasiljeva M.V.; Semin A.N.; Ponkratov V.V.; Kuznetsov N.V.; Kostyrin E.V.; Semenova N.N.; Ivleva M.I.; Zekiy A.O.; Ruban-Lazareva N.V.; Elyakov A.L.; Muda I.	Impact of Corporate Social Responsibility on the Effectiveness of Companies' Business Activities	2023	Emerging Science Journal	Vasiljeva M.V., Autonomous Non-Profit Organization "Publishing House Scientific Review" (Nauchnoe Obozrenie), Moscow, Russian Federation; Semin A.N., Ural State University of Economics, Yekaterinburg, Russian Federation; Ponkratov V.V., Financial University under the Government of the Russian Federation, Moscow, Russian Federation; Kuznetsov N.V., The State University of Management, Moscow, Russian Federation; Kostyrin E.V., Bauman Moscow State Technical University, Moscow, Russian Federation; Semenova N.N., National Research Mordovia State University, Saransk, Russian Federation; Ivleva M.I., Plekhanov Russian University of Economics, Moscow, Russian Federation; Zekiy A.O., I.M. Sechenov First Moscow State Medical University (Sechenov University), Moscow, Russian Federation; Ruban-Lazareva N.V., National University of Science and Technology "MISIS", Moscow, Russian Federation; Elyakov A.L., North-Eastern Federal University named after M.K. Ammosov, Yakutsk, Russian Federation; Muda I., Universitas Sumatera Utara, Medan, Indonesia	Rusia
148	Amiruddin M.M.; Alshahrani S.H.; Dwijendra N.K.A.; Al-Hawary S.I.S.; Jalil A.T.; Muda I.; Pallathadka H.; Sunarsi D.	Religious behaviours and commitment among Muslim healthcare workers in Malaysia	2023	HTS Teologiese Studies / Theological Studies	Amiruddin M.M., Faculty of Economics and Islamic Business, Institut Agama Islam Negeri Parepare, Jakarta, Indonesia; Alshahrani S.H., Department of Medical Surgical Nursing, King Khalid University, Khamis Mushate, Saudi Arabia; Dwijendra N.K.A., Faculty of Engineering, Udayana University, Bali, Indonesia; Al-Hawary S.I.S., Department of Business Administration, Business School, Al al-Bayt University, Mafraq, Jordan; Jalil A.T., Department of Medical Laboratories Techniques, Al-Mustaqbal University College, Babylon, Iraq; Muda I., Faculty of Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Pallathadka H., Department of Science, Manipur International University, Imphal, India; Sunarsi D., Faculty of Economic and Business, Universitas Pamulang, Banten, Tangerang Selatan, Indonesia	Saudi Arabia, Jordan, India
149	Sawitri D.R.; Handoyo S.; Hasnida; Creed P.A.; Prihatsanti U.; Kristiana I.F.; Perdhana M.S.; Fajrianthi; Sari R.L.; Rahmawati E.; Zahreni S.	The research resilience scale: development and initial validation	2023	International Journal for Educational and Vocational Guidance	Sawitri D.R., Faculty of Psychology, Diponegoro University, Jl. Prof. Mr. Sunario, Tembalang, Central Java, Semarang, 50275, Indonesia, Center for Career and Capacity Development Studies (CAREERS), Universitas Diponegoro, Semarang, Indonesia; Handoyo S., Faculty of Psychology, Universitas Airlangga, Surabaya, Indonesia; Hasnida, Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia; Creed P.A., School of Applied Psychology, Griffith University, Brisbane, Australia; Prihatsanti U., Faculty of Psychology, Diponegoro University, Jl. Prof. Mr. Sunario, Tembalang, Central Java, Semarang, 50275, Indonesia, Center for Career and Capacity Development Studies (CAREERS), Universitas Diponegoro, Semarang, Indonesia; Kristiana I.F., Faculty of Psychology, Diponegoro University, Jl. Prof. Mr. Sunario, Tembalang, Central Java, Semarang, 50275, Indonesia, Center for Career and Capacity Development Studies (CAREERS), Universitas Diponegoro, Semarang, Indonesia; Perdhana M.S., Center for Career and Capacity Development Studies (CAREERS), Universitas Diponegoro, Semarang, Indonesia, Faculty of Economics and Business, Universitas Diponegoro, Semarang, Indonesia; Fajrianthi, Faculty of Psychology, Universitas Airlangga, Surabaya, Indonesia; Sari R.L., Faculty of Psychology, Universitas Airlangga, Surabaya, Indonesia; Rahmawati E., Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia; Zahreni S., Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia	Australia

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150	Prananda A.T.; Dalimunthe A.; Harahap U.; Syahputra R.A.; Nugraha S.E.; Situmorang P.C.; Fah Y.T.; Velaro A.J.; Bilakaya B.; Harahap M.A.Y.	Vernonia amygdalina protects against doxorubicin-induced hepatic and renal damage in rats: mechanistic insights	2023	Pharmacia	Prananda A.T., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Dalimunthe A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Harahap U., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Syahputra R.A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Nugraha S.E., Department of Pharmaceutical Biology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Situmorang P.C., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Fah Y.T., Department of Pharmacy, Faculty of Pharmacy, Lincoln University, Kuala Lumpur, Malaysia; Velaro A.J., Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Bilakaya B., Department of Pharmaceutical Technology, Faculty of Pharmacy, Biruni University, Istanbul, Turkey; Harahap M.A.Y., Department of Animal Nutrition, Faculty of Animal Science, Brawijaya University, Malang, Indonesia	Malaysia, Turkey
151	Rahmawaty; Siahaan J.; Nuryawan A.; Harahap M.M.; Ismail M.H.; Rauf A.; Kurniawan H.; Gandaseca S.; Karuniasa M.	Mangrove cover change (2005–2019) in the Northern of Medan City, North Sumatra, Indonesia	2023	Geocarto International	Rahmawaty, Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Deli Serdang, Indonesia, Natural Resources and Environmental Management Study Program, Postgraduate School, Universitas Sumatera Utara, Medan, Indonesia; Siahaan J., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Deli Serdang, Indonesia; Nuryawan A., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Deli Serdang, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara. Kampus Padang Bulan, Medan, Indonesia; Harahap M.M., Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Deli Serdang, Indonesia; Ismail M.H., Faculty of Forestry and Environment, Universiti Putra Malaysia, Serdang, Malaysia; Rauf A., Natural Resources and Environmental Management Study Program, Postgraduate School, Universitas Sumatera Utara, Medan, Indonesia, Agroecotechnology Study Program, Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia; Kurniawan H., Member of Belawan Watershed Forum, Medan, Indonesia; Gandaseca S., Faculty of Applied Sciences, School of Biology, Universiti Teknologi MARA, Shah Alam, Malaysia; Karuniasa M., Postgraduate School, University of Indonesia, Jakarta, Indonesia	Malaysia
152	Nasution H.; Shihab S.A.; Al-Hawary S.I.S.; Pallathadka H.; Al-Salami A.A.A.; Van L.; Al-Khafaji F.A.H.; Morozova T.V.; Muda I.	Values, accountability and trust among Muslim staff in Islamic organisations	2023	HTS Teologiese Studies / Theological Studies	Nasution H., Faculty of Usuluddin and Islamic Studies, Universitas Islam Negeri Sumatera Utara Medan, Medan, Indonesia; Shihab S.A., Department of Law, Al-Maarif University College, Al-Anbar, Ramadi, Iraq; Al-Hawary S.I.S., Department of Business Administration, Al al-Bayt University, Mafraq, Jordan; Pallathadka H., Management Department, Manipur International University, Imphal, India; Al-Salami A.A.A., Department of Qur'anic Studies, College of Islamic Science, The Islamic University, Najaf, Iraq; Van L., Faculty of Business Administration, Van Lang University, Ho Chi Minh City, Viet Nam; Al-Khafaji F.A.H., Department of Media, Al-Mustaqbal University College, Babylon, Iraq; Morozova T.V., Department of Financial Control, Analysis and Audit of the Main Control, Plekhanov Russian University of Economics, Moscow, Russian Federation; Muda I., Faculty of Economic and Business, Universitas Sumatera Utara, Medan, Indonesia	Iraq, Jordan, India, Viet Nam, Rusia

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153	Rahim M.A.F.A.; Munajat M.B.; Dian N.D.; Seri Rakna M.I.M.; Wahid W.; Ghazali N.; Hassan N.W.; Abdul Manap S.N.A.; Kasri M.R.M.; Mohamed A.I.; Osman E.; Chuangchaiya S.; Lubis I.N.D.; Divis P.C.S.; Kaneko A.; Tetteh K.K.A.; Idris Z.M.	Naturally acquired antibody response to Plasmodium falciparum and Plasmodium vivax among indigenous Orang Asli communities in Peninsular Malaysia	2023	Frontiers in Cellular and Infection Microbiology	Rahim M.A.F.A., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Munajat M.B., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Dian N.D., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Seri Rakna M.I.M., District Health Office of Gua Musang, Kelantan, Gua Musang, Malaysia; Wahid W., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Ghazali N., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Hassan N.W., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Abdul Manap S.N.A., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Kasri M.R.M., District Health Office of Gua Musang, Kelantan, Gua Musang, Malaysia; Mohamed A.I., District Health Office of Gua Musang, Kelantan, Gua Musang, Malaysia; Osman E., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Cheras, Malaysia; Chuangchaiya S., Department of Community Health, Faculty of Public Health, Kasetsart University, Sakon Nakhon, Thailand; Lubis I.N.D., Department of Paediatric, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Divis P.C.S., Malaria Research Centre, Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak, Sarawak, Kota Samarahan, Malaysia; Kaneko A., Department of Microbiology, Tumor and Cell Biology, Karolinska Institutet, Stockholm, Sweden, Department of Parasitology, Graduate School of Medicine, Osaka City University, Osaka, Japan; Tetteh K.K.A., Department of Infection Biology, Faculty of Infectious Tropical Diseases, London School of Hygiene and Tropical Medicine, London, United Kingdom; Idris Z.M., Department of Parasitology	Malaysia, Thailand, Japan, Sweden, United Kingdom
154	Liu K.-S.; Muda I.; Lin M.-H.; Dwijendra N.K.A.; Caballero G.C.; Alviz-Meza A.; Cárdenas-Escrocia Y.	An Application of Machine Learning to Estimate and Evaluate the Energy Consumption in an Office Room	2023	Sustainability (Switzerland)	Liu K.-S., Department of Architecture and Interior Design, Cheng Shiu University, Kaohsiung City, 83301, Taiwan; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Lin M.-H., Department of Electrical Engineering, Cheng Shiu University, Kaohsiung City, 83301, Taiwan; Dwijendra N.K.A., Department of Architecture, Faculty of Engineering, Udayana University, Bali, 80361, Indonesia; Caballero G.C., Grupo de Investigación en Energías Alternativas y Fluidos (EOLITO), Universidad Tecnológica de Bolívar (UTB), Cartagena, 130002, Colombia; Alviz-Meza A., Research Group en Deterioro de Materiales, Transición Energética y Ciencia de datos DANT3, Facultad de Ingeniería, Arquitectura y Urbanismo, Universidad Señor de Sipán, Chiclayo, 14002, Peru; Cárdenas-Escrocia Y., Research Group GIOPEN, Energy Department, Universidad de la Costa (CUC), Barranquilla, 080016, Colombia	Taiwan, Colombia, Peru
155	Umroh B.; Rahman M.N.A.; Mokhtar M.N.A.; Ginting A.; Irianto; Muhamud R.L.; Himawan H.	A REVIEW ON LASER MACHINING OF ALUMUNIA CERAMIC	2023	Suranaree Journal of Science and Technology	Umroh B., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Durian Tunggal, Melaka, 76100, Malaysia, Department of Mechanical Engineering, Faculty of Engineering Universitas Medan Area, Jalan Kolam No. 1, Medan Estate, 20223, Indonesia; Rahman M.N.A., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Durian Tunggal, Melaka, 76100, Malaysia; Mokhtar M.N.A., Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Jalan Hang Tuah Jaya, Durian Tunggal, Melaka, 76100, Malaysia; Ginting A., Laboratory of Machining Processes, Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jalan Almamater, Building J17.01.01, Medan, 20155, Indonesia; Irianto, Department General Education, Faculty of Resilience, Rabdan Academy, Abu Dhabi, United Arab Emirates; Muhamud R.L., RS Advanced Technology Sdn. Bhd. No. 35G, Jalan Mutiara Subang 1, Selangor, Taman Mutiara Subang, Subang Jaya, 47500, Malaysia; Himawan H., Universitas Pembangunan Nasional Veteran Yogyakarta, Indonesia	Malaysia, United Arab States

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156	Machrina Y.; Anggraini D.R.; Pane Y.S.; Harahap N.S.; Pant G.	Physical Activity Maintain Immune Response Through TLR-2/TLR-4 Gene Expression in Type-2 Diabetes Mellitus Patient at Medan City	2023	Medical Archives	Machrina Y., Department of Physiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Anggraini D.R., Department of Anatomy, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Pane Y.S., Department of Pharmacology and Therapeutics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Harahap N.S., Faculty of Sport Science, Universitas Negeri Medan, Sumatera Utara, Medan, Indonesia; Pant G., Sportal Cooperate pvt ltd, Uttar Pardesh, Lucknow, India	India
157	Ali A.; Yasin M.N.M.; Adam I.; Rambe A.H.; Jamaludin M.H.; Rahim H.A.; Cengiz C.; Razak M.I.S.A.	Triple-Band Circularly Polarized Dielectric Resonator Antenna (DRA) for Wireless Applications	2023	Computers, Materials and Continua	Ali A., Advanced Communication Engineering (ACE) Centre of Excellence, Faculty Technology of Electrical Engineering, Universiti Malaysia Perlis, Perlis, Pauh, 02600, Malaysia; Yasin M.N.M., Advanced Communication Engineering (ACE) Centre of Excellence, Faculty Technology of Electronic Engineering, Universiti Malaysia Perlis, Perlis, Pauh, 02600, Malaysia; Adam I., Advanced Communication Engineering (ACE) Centre of Excellence, Faculty Technology of Electronic Engineering, Universiti Malaysia Perlis, Perlis, Pauh, 02600, Malaysia; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Jamaludin M.H., Wireless Communication Center, Universiti Teknologi Malaysia, Johor, Skudai, 81310, Malaysia; Rahim H.A., Advanced Communication Engineering (ACE) Centre of Excellence, Faculty Technology of Electronic Engineering, Universiti Malaysia Perlis, Perlis, Pauh, 02600, Malaysia; Cengiz C., Korhan Cengiz College of Information Technology, University of Fujairah, Fujairah, 00000, United Arab Emirates; Razak M.I.S.A., Malaysia-Japan International Institute of Technology (M-JIIT), Universiti Teknologi Malaysia, Kuala Lumpur, 54100, Malaysia	Malaysia, United Arab States
158	Kausar M.N.; Fitriana E.; Khairunnisa K.; Faruque M.O.; Bahar M.A.; Alfian S.D.; Pradipta I.S.	Development and Validation of the Knowledge, Attitude, and Practice Questionnaire for Community Pharmacy Personnel in Tuberculosis Case Detection, Drug Monitoring, and Education: A Study from Indonesia	2023	Infection and Drug Resistance	Kausar M.N., Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, Universitas Padjadjaran, Bandung, Indonesia, Master of Clinical Pharmacy Program, Faculty of Pharmacy, Universitas Padjadjaran, Bandung, Indonesia, Drug Utilization and Pharmacoepidemiology Research Group, Center of Excellence in Higher Education for Pharmaceutical Care Innovation, Universitas Padjadjaran, Bandung, Indonesia, Occupational Health – Regional Public Hospital, West Java Provincial Government, Bandung, Indonesia; Fitriana E., Department of General Psychology and Experiment, Faculty of Psychology, Universitas Padjadjaran, Bandung, Indonesia; Khairunnisa K., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Faruque M.O., Department of Pathology and Laboratory Medicine, University of Kansas, Medical Center, Kansas City, MO, United States; Bahar M.A., Department of Pharmacy, Faculty of Pharmacy, Universitas Hasanuddin, Makassar, Indonesia; Alfian S.D., Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, Universitas Padjadjaran, Bandung, Indonesia, Drug Utilization and Pharmacoepidemiology Research Group, Center of Excellence in Higher Education for Pharmaceutical Care Innovation, Universitas Padjadjaran, Bandung, Indonesia; Pradipta I.S., Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, Universitas Padjadjaran, Bandung, Indonesia, Drug Utilization and Pharmacoepidemiology Research Group, Center of Excellence in Higher Education for Pharmaceutical Care Innovation, Universitas Padjadjaran, Bandung, Indonesia	United States
159	Fitri I.; Siregar F.; Silvana; Ariffin N.F.M.; Ginting R.; Indira S.S.	An Adaptive Reuse Development Through Highest and Best Use Assessment: Case Study the Ex- Warenhuis, Medan, Indonesia	2023	IOP Conference Series: Earth and Environmental Science	Fitri I., Departement of Architecture, Universitas Sumatera Utara, Jl. Perpustakaan Kampus USU, Medan, 0155, Indonesia; Siregar F., Property Management and Valuation Study Program, School of Postgraduate Studies, Universitas Sumatera Utara, Jl. Prof. T. Maas Kampus USU, Medan, 20155, Indonesia; Silvana, College of Art, The University of Edinburgh, 74 Lauriston Pl, Edinburgh, EH3 9DF, United Kingdom; Ariffin N.F.M., Department of Landscape Architecture, Faculty of Design and Architecture, Universiti Putra Malaysia, Selangor, Serdang, 43400, Malaysia; Ginting R., Property Management and Valuation Study Program, School of Postgraduate Studies, Universitas Sumatera Utara, Jl. Prof. T. Maas Kampus USU, Medan, 20155, Indonesia; Indira S.S., Department of Architecture, Faculty of Science and Technology, Universitas Pembangunan Panca Budi, Jl. Jend. Gatot Subroto, Medan, 20, Indonesia	United Kingdom, Malaysia

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160	Al-Hawary S.I.S.; Kumar T.; Pallathadka H.; Alshahrani S.H.; Al-Tamimi H.A.N.M.; Muda I.; Singer N.	The education of children in an Islamic family based on the Holy Qur'an	2023	HTS Teologiese Studies / Theological Studies	Al-Hawary S.I.S., Department of Business Administration, Business School, Al al-Bayt University, Mafraq, Jordan; Kumar T., Department of English Language and Literature, College of Science and Humanities, Prince Sattam Bin Abdulaziz University, Sulail, Saudi Arabia; Pallathadka H., Management Department, Manipur International University, Imphal, India; Alshahrani S.H., Department of Medical Surgical Nursing, King Khalid University, Abha, Saudi Arabia; Al-Tamimi H.A.N.M., Faculty of Islamic Sciences, The Islamic University in Najaf, Najaf, Iraq; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Singer N., Department of Media and Children's Culture, Ain Shams University, Cairo, Egypt	Jordan, Saudi Arabia, India, Iraq, Egypt
161	Hidayati S.; Budiyanto E.F.; Saputra H.; Hadi S.; Iswanto A.H.; Solihat N.N.; Antov P.; Hua L.S.; Fatriasari W.; Sapuan Salit M.	Characterization of Formacell Lignin Derived from Black Liquor as a Potential Green Additive for Advanced Biocomposites	2023	Journal of Renewable Materials	Hidayati S., Agricultural Product Technology Department, Faculty of Agriculture, The University of Lampung, Jl. Sumantri Brojonegoro No. 1, Bandar Lampung, Indonesia; Budiyanto E.F., Agricultural Product Technology Department, Faculty of Agriculture, The University of Lampung, Jl. Sumantri Brojonegoro No. 1, Bandar Lampung, Indonesia; Saputra H., Agricultural Product Technology Department, Faculty of Agriculture, The University of Lampung, Jl. Sumantri Brojonegoro No. 1, Bandar Lampung, Indonesia; Hadi S., Agricultural Product Technology Department, Faculty of Agriculture, The University of Lampung, Jl. Sumantri Brojonegoro No. 1, Bandar Lampung, Indonesia; Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU Padang Bulan, North Sumatra, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Jl. Tridharma Ujung No. 1, Kampus USU, Medan, North Sumatra, Indonesia; Solihat N.N., Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Jl. Raya Bogor, Cibinong, Indonesia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, Bulgaria; Hua L.S., Department of Wood Industry, Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Cawangan Pahang Kampus Jengka, Lintasan Semarak, Bandar Jengka, Malaysia, Institute of Tropical Forestry and Forest Products, Universiti Putra Malaysia, Selangor, Malaysia; Fatriasari W., Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Jl. Raya Bogor, Cibinong, Indonesia, Research Collaboration Center for Marine Biomaterials, Jl. Ir. Sukarno, Jatinangor, Sumedang, West Java, Indonesia; Sapuan Salit M., Advanced Engineering Materials and Composites Research Centre, Department of Mechanical and Manufacturing Engineering, Universiti Putra Malaysia, Selangor, Malaysia	Malaysia
162	Habbe A.H.; Farida Adi Prawira I.; Muda I.; Hasibuan R.M.; Dhumale N.R.	Machine Learning Pose Detection Kit Implementation in Taspen Android Application	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023	Habbe A.H., Universitas Hasanuddin, Accounting Department, Makassar, Indonesia; Farida Adi Prawira I., Accounting Department, Universitas Pendidikan Indonesia, Bandung, Indonesia; Muda I., Accounting Department, Universitas Sumatera Utara, Medan, Indonesia; Hasibuan R.M., Universitas Sumatera Utara, Medan, Indonesia; Dhumale N.R., Sinhgad College of Engineering, Pune, India	India
163	Koseoglu M.; Albayrak B.; Nasution H.; Yuan J.C.-C.; Touloumi F.; Kim J.J.; Bayindir F.; Sukotjo C.	Level of evidence and characteristics of clinical studies published in leading prosthodontics journals	2023	Journal of Prosthetic Dentistry	Koseoglu M., Associate Professor, Department of Prosthodontics, Faculty of Dentistry, University of Sakarya, Sakarya, Turkey; Albayrak B., Department of Prosthodontics, Faculty of Dentistry, University of Bahcesehir, Istanbul, Turkey; Nasution H., Department of Prosthodontics, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Yuan J.C.-C., Associate Professor, Department of Restorative Dentistry, College of Dentistry, University of Illinois, Chicago, Ill; Touloumi F., Division of Prosthodontics, Department of Reconstructive Sciences, University of Connecticut Health Center, Farmington, CT; Kim J.J., Private practice, Clear Choice Dental Implant Center, LLC, Alpharetta, GA, United States; Bayindir F., Department of Prosthodontics, Faculty of Dentistry, University of Ataturk, Erzurum, Turkey; Sukotjo C., Department of Restorative Dentistry, College of Dentistry, University of Illinois, Chicago, Ill	Turkey, United States

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164	Ma Q.; Rejab M.R.M.; Abu Hassan S.; Hu H.; Azeem M.; Yunus Nasution A.	Impact behaviour of spherical-roof contoured-core (SRCC) sandwich panel under the low-velocity impact (LVI): A numerical investigation	2023	Materials Today: Proceedings	Ma Q., Structural Performance Materials Engineering (SUPERME) Focus Group, Faculty of Mechanical & Automotive Engineering Technology, Universiti Malaysia Pahang, Pahang, Pekan, 26600, Malaysia, School of Mechanical Engineering, Ningxia University, Yinchuan, 750021, China; Rejab M.R.M., Structural Performance Materials Engineering (SUPERME) Focus Group, Faculty of Mechanical & Automotive Engineering Technology, Universiti Malaysia Pahang, Pahang, Pekan, 26600, Malaysia, School of Mechanical Engineering, Ningxia University, Yinchuan, 750021, China; Abu Hassan S., Faculty of Engineering, Universiti Teknologi Malaysia, Johor, Skudai, Malaysia; Hu H., School of Mechanical and Engineering, Tianjin Sino-German University of Applied Sciences, Tianjin, 300350, China; Azeem M., Mechanical Engineering Department, Universiti Teknologi Petronas, Perak, Malaysia; Yunus Nasution A., Structural Performance Materials Engineering (SUPERME) Focus Group, Faculty of Mechanical & Automotive Engineering Technology, Universiti Malaysia Pahang, Pahang, Pekan, 26600, Malaysia, Mechanical Engineering Department, Department, Engineering Faculty, Universitas Sumatera Utara, Jl.Dr.T. Mansur, Sumatera Utara, Medan, 20155, Indonesia	Malaysia, China
165	Dwijendra N.K.A.; Patra I.; Kumar N.B.; Muda I.; Tag El Din E.M.	Optimal Location to Use Solar Energy in an Urban Situation	2023	Computers, Materials and Continua	Dwijendra N.K.A., Faculty of Engineering, Udayana University, Bali, 80361, Indonesia; Patra I., An Independent Researcher, West Bengal,NIT, Durgapur, 700027, India; Kumar N.B., Department of Electrical and Electronics Engineering, Vignans Foundation for Science Technology and Research, Guntur, 522001, India; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Tag El Din E.M., Electrical Engineering Department, Faculty of Engineering & Technology, Future University in Egypt, New Cairo, 11835, Egypt	India, Egypt
166	Iman R.D.; Roslidar R.; Muchtar K.; Amalia A.; Syaryadhi M.; Mufti A.; Maulina N.	Impact of Image Enhancement for Osteoporosis Detection Based on Deep Learning Algorithm	2023	Proceeding - 2023 2nd International Conference on Computer System, Information Technology, and Electrical Engineering: Sustainable Development for Smart Innovation System, COSITE 2023	Iman R.D., Department of Electrical and Computer Engineering, Universitas Syiah Kuala Banda Aceh, Indonesia; Roslidar R., Department of Electrical and Computer Engineering, Universitas Syiah Kuala Banda Aceh, Indonesia; Muchtar K., Department of Electrical and Computer Engineering, Universitas Syiah Kuala Banda Aceh, Indonesia; Amalia A., Department of Computer Science, Universitas Sumatera Utara, Medan, Indonesia; Syaryadhi M., Graduate School of System Designs, Tokyo Metropolitan University, Tokyo, Japan; Mufti A., Department of Electrical and Computer Engineering, Universitas Syiah Kuala Banda Aceh, Indonesia; Maulina N., Faculty of Medicine, Universitas Syiah Kuala, Banda Aceh, Indonesia	Tokyo
167	Prayogo W.; Siregar J.P.; Soewondo P.; Nasution Z.; Hanami Z.A.; Ikhwal M.F.; Estim A.; Suryawan I.W.K.	The Investigation on Mineral Wool Performance as a Potential Filter to Remove TSS in Cikapayang River, East Jawa, Indonesia	2023	Environment and Natural Resources Journal	Prayogo W., Department of Civil Engineering, Universitas Negeri Medan, Medan, Indonesia; Siregar J.P., Department of Mechanical Engineering, Universiti Malaysia Pahang, Gambang, Malaysia; Soewondo P., Department of Environmental Engineering, Institut Teknologi Bandung, Bandung, Indonesia; Nasution Z., Department of Regional Planning, Universitas Sumatera Utara, Medan, Indonesia; Hanami Z.A., Department of Environmental Engineering, Universitas Hasanuddin, Makassar, Indonesia; Ikhwal M.F., Department of Environmental Engineering, UIN Ar-Raniry, Banda Aceh, Indonesia; Estim A., Borneo Marine Research Institute, Universiti Malaysia Sabah, Sabah, Malaysia; Suryawan I.W.K., Department of Natural Resources and Environmental Studies, National Dong Hwa University, Hualien, Taiwan	Malaysia, Taiwan

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168	Maser W.H.; Maiyah N.; Nagarajan M.; Kingwascharapong P.; Senphan T.; Ali A.M.M.; Bavisetty S.C.B.	Effect of different extraction solvents on the yield and enzyme inhibition ( $\alpha$ -amylase, $\alpha$ -glucosidase, and lipase) activity of some vegetables	2023	Biodiversitas	Maser W.H., Department of Food Science and Technology, School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand; Department of Food Technology, Faculty of Agriculture, Universitas Sumatera Utara, Jl. Dr. T. Mansur No. 9, Kampus Padang Bulan, North Sumatra, Medan, 20155, Indonesia; Maiyah N., Department of Fermentation Technology, School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand; Nagarajan M., Department of Fish Processing Technology, Tamil Nadu Dr. J Jayalalithaa Fisheries University, Dr. M.G.R Fisheries College and Research Institute, Tamil Nadu, Ponneri, 601204, India; Kingwascharapong P., Department of Fishery Products, Faculty of Fisheries, Kasetsart University, Ladyao, Chatuchak, Bangkok, 10900, Thailand; Senphan T., Program in Food Science and Technology, Faculty of Engineering and Agro-Industry, Maejo University, 2ndFloor of E3A Building, 333 Moo1, Thasud, Muang, Chiang Rai, 57100, Thailand; Ali A.M.M., Department of Food Science and Technology, School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand; Bavisetty S.C.B., Department of Fermentation Technology, School of Food-Industry, King Mongkut's Institute of Technology Ladkrabang, Thanon Chalong Krung, Lat Krabang, Khet Lat Krabang, Krung Thep Maha Nakhon, Bangkok, 10520, Thailand	Thailand, India
169	Cui M.; Wong W.-K.; Wisetsri W.; Mabrouk F.; Muda I.; Li Z.; Hassan M.	Do oil, gold and metallic price volatilities prove gold as a safe haven during COVID-19 pandemic? Novel evidence from COVID-19 data	2023	Resources Policy	Cui M., School of Business, East China University of Science and Technology, Shanghai, 200237, China; Wong W.-K., Department of Finance, Fintech&Blockchain Research Center, And Big Data Research Center, Asia University, Taiwan, Department of Medical Research, China Medical University Hospital, China, Department of Economics and Finance, The Hang Seng University of Hong Kong, China; Wisetsri W., Department of Social Science, Faculty of Applied Arts, King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand; Mabrouk F., Department of Economics, College of Business and Administration Princess Nourah Bint Abdulrahman University, Saudi Arabia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia, Jl. Prof TM Hanafiah 12, USU Campus, Padang Bulan, Medan, 20155, Indonesia; Li Z., Geography Section, School of Humanities, Universiti Sains Malaysia, Penang, Malaysia; Hassan M., Institute of Business Management & Administrative Sciences, The Islamia University of Bahawalpur, Pakistan	China, Taiwan, Saudi Arabia, Malaysia, Pakistan
170	Hartanto A.; Munir E.; Basyuni M.; Saleh M.N.; Hastuti L.D.S.; Yurnaliza Y.; Nurtjahja K.; Lutfia A.	ANTIFUNGAL ACTIVITY OF VOLATILE ORGANIC COMPOUNDS (VOC) BY AN ENDOPHYTIC FUNGUS, Lasiodiplodia avicenniae P2P4 FROM Avicennia alba AGAINST Fusarium oxysporum	2023	Rasayan Journal of Chemistry	Hartanto A., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Munir E., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Basyuni M., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Saleh M.N., Department of Forest Science & Biodiversity, Faculty of Forestry and Environment, Universiti Putra Malaysia, Selangor, 43400, Malaysia; Hastuti L.D.S., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Yurnaliza Y., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Nurtjahja K., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Lutfia A., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia	Malaysia

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171	Zuhanda M.K.; Suwilo S.; Sitompul O.S.; Mardiningsih; Caraka R.E.; Kim Y.; Noh M.	Optimization of Vehicle Routing Problem in the Context of E-commerce Logistics Distribution	2023	Engineering Letters	Zuhanda M.K., Faculty of Engineering, Universitas Medan Area, Medan, Indonesia; Suwilo S., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Sitompul O.S., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Mardiningsih, Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Caraka R.E., Research Organization for Electronics and Informatics, National Research and Innovation Agency (BRIN), Indonesia; Kim Y., Department of Mathematical Sciences, Ulsan National Institute of Science and Technology, South Korea; Noh M., Data and Information Sciences College of Information Technology and Convergence, Pukyong National University, Busan, South Korea	South Korea
172	Zuhanda M.K.; Ismail N.; Caraka R.E.; Syah R.; Gio P.U.	Hybrid Local Search Algorithm for Optimization Route of Travelling Salesman Problem	2023	International Journal of Advanced Computer Science and Applications	Zuhanda M.K., Informatics Engineering Study Program, Faculty of Engineering, Universitas Medan Area, Medan, Indonesia; Ismail N., Department of Mathematical Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Selangor, Malaysia; Caraka R.E., Research Organization for Electronics and Informatics, National Research and Innovation Agency (BRIN), Bandung, Indonesia; Syah R., Informatics Engineering Study Program, Faculty of Engineering, Universitas Medan Area, Medan, Indonesia; Gio P.U., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia	Malaysia
173	Yunus Nasution A.; Ruzaimi Mat Rejab M.; Parlaungan Siregar J.; Ma Q.	Combination of frustra shapes with cross sections and trigger circles for crash box design to absorb energy	2023	Materials Today: Proceedings	Yunus Nasution A., Mechanical Engineering Department, Engineering Faculty, Universitas Sumatera Utara, Jl.Dr.T. Mansur, Sumatera Utara, Medan, 20155, Indonesia, Faculty of Mechanical and Automotive Engineering Technology, University Malaysia Pahang, Pahang, Pekan, 26600, Malaysia; Ruzaimi Mat Rejab M., Faculty of Mechanical and Automotive Engineering Technology, University Malaysia Pahang, Pahang, Pekan, 26600, Malaysia; Parlaungan Siregar J., Faculty of Mechanical and Automotive Engineering Technology, University Malaysia Pahang, Pahang, Pekan, 26600, Malaysia; Ma Q., Faculty of Mechanical and Automotive Engineering Technology, University Malaysia Pahang, Pahang, Pekan, 26600, Malaysia	Malaysia
174	Noor S.K.; Ismail A.M.; Yasin M.N.M.; Osman M.N.; Ramli N.; Rambe A.H.; Iqbal J.	Generation of OAM Waves and Analysis of Mode Purity for 5G Sub-6 GHz Applications	2023	Computers, Materials and Continua	Noor S.K., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Ismail A.M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Yasin M.N.M., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Osman M.N., Advanced Communication Engineering (ACE), Centre of Excellence, Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis, Perlis, Kangar, Malaysia; Ramli N., Centre for Advanced Electrical & Electronic System (CAEES) Faculty of Engineering, Built Environment and Information Technology, SEGi University Petaling Jaya, Selangor, Malaysia; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Iqbal J., School of Electrical and Electronic Engineering, Engineering Campus, Universiti Sains Malaysia, Penang, Nibong Tebal, 14300, Malaysia, Faculty of Engineering & Technology, Gomal University, kpk, 29050, Pakistan	Malaysia, Pakistan
175	Abdullaev S.S.; Pallathadka H.; Majdi A.; Xie S.; Muda I.; Radhy AL Kubaisy M.M.; Al-Majdi K.; Altimari U.S.; Alhani I.; Mahmood Saleh M.; Patra I.	Comparing and Investigating the Effect of Functional Groups of Nano-Graphene Oxide (NGO) on Biodiesel Production from Jatropha Oil Using Density Function Theory	2023	Polycyclic Aromatic Compounds	Abdullaev S.S., Department of Organic Chemistry, Andijan Machine-Building Institute, Andijan, Uzbekistan; Pallathadka H., Manipur International University, Imphal, India; Majdi A., Department of Building and Construction Techniques Engineering, Al-Mustaqbal University College, Hilla, Iraq; Xie S., International College, Krirk University, Bangkok, Thailand; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Radhy AL Kubaisy M.M., University of Mashreq, Baghdad, Iraq; Al-Majdi K., Department of Biomedical Engineering, Ashur University College, Baghdad, Iraq; Altimari U.S., Al-Nisour University College, Baghdad, Iraq; Alhani I., Engineering Department, Mazaya University College, Dhi Qar, Iraq; Mahmood Saleh M., Department of Biophysics, College of Applied Sciences, University of Anbar, Ramadi, Iraq; Patra I., NIT Durgapur, Durgapur, India	India, Iraq, Thailand

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176	Sinamo S.; Gea S.; Tarigan S.; Putra D.P.; Zhihao Y.; Goei R.; Tok A.L.Y.	Compression Strength of Metal-Ceramic Fixed Dental Prostheses Reinforced by Nanoparticle Silica from Rice Husks	2023	Journal of International Dental and Medical Research	Sinamo S., Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia, Cellulosic and Functional Materials Research Centre (CFM-RC), Universitas Sumatera Utara, Medan, Indonesia; Tarigan S., Department of Prosthodontic, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Putra D.P., Faculty of Pharmacy, University of Andalas, Padang, Indonesia; Zhihao Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue,Block N4.1, Singapore; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue,Block N4.1, Singapore; Tok A.L.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue,Block N4.1, Singapore	Singapore
177	Bhakri S.; Ghozali M.; Cahyono E.; Triwulandari E.; Restu W.K.; Solihat N.N.; Iswanto A.H.; Antov P.; Savov V.; Hua L.S.; Agustiany E.A.; Kristak L.; Fatriasari W.	Development and Characterization of Eco-Friendly Non-Isocyanate Urethane Monomer from Jatropha curcas Oil for Wood Composite Applications	2023	Journal of Renewable Materials	Bhakri S., Department of Chemistry, Universitas Negeri Semarang, Semarang, 50229, Indonesia; Ghozali M., Research Center for Chemistry, National Research and Innovation Agency (BRIN), Serpong, 15314, Indonesia; Cahyono E., Department of Chemistry, Universitas Negeri Semarang, Semarang, 50229, Indonesia; Triwulandari E., Research Center for Chemistry, National Research and Innovation Agency (BRIN), Serpong, 15314, Indonesia; Restu W.K., Research Center for Chemistry, National Research and Innovation Agency (BRIN), Serpong, 15314, Indonesia; Solihat N.N., Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Cibinong, 16911, Indonesia; Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Medan, 20155, Indonesia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Savov V., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Hua L.S., Laboratory of Biopolymer and Derivatives, Institute of Tropical Forestry and Forest Product, Universiti Putra Malaysia, Selangor, 43400, Malaysia; Agustiany E.A., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Fatriasari W., Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Cibinong, 16911, Indonesia	Bulgaria, Malaysia, Slovakia
178	Simanjuntak D.F.; Kusumawati R.L.; Bader O.; Lüder C.G.K.; Zimmermann O.; Groß U.	A comparative pilot study on Gram-negative bacteria contaminating the hands of children living in urban and rural areas of Indonesia versus Germany – A suitable monitoring strategy for diarrhea risk assessment?	2023	Frontiers in Microbiology	Simanjuntak D.F., Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany; Kusumawati R.L., Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Bader O., Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany; Lüder C.G.K., Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany; Zimmermann O., Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany; Groß U., Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany	Germany

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179	Mufarhatun N.; Susilowati A.; Hilwan I.; Arrofaha N.; Yulita K.S.; Dwiyantri F.G.; Hidayat A.; Kamiya K.; Rachmat H.H.	Leaf morphological traits of nine major tropical trees of Shorea species (Dipterocarpaceae)	2023	Biodiversitas	Mufarhatun N., Department of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor, Jl. Lingkar Akademik Kampus IPB, West Java, Bogor, 16680, Indonesia; Susilowati A., Faculty of Forestry, Universitas Sumatera Utara, Jl. Tridharma Ujung No. 1, Kampus USU, North Sumatra, Medan, 20155, Indonesia; Hilwan I., Department of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor, Jl. Lingkar Akademik Kampus IPB, West Java, Bogor, 16680, Indonesia; Arrofaha N., Department of Biology, Faculty of Science and Technology, UIN Syarif Hidayatullah Jakarta, Jl. Ir H. Juanda No.95, Banten, South Tangerang, 15412, Indonesia; Yulita K.S., Research Centre for Ecology and Ethnobiology, National Research and Innovation Agency, Jl. Raya Jakarta-Bogor Km. 46, Cibinong, West Java, Bogor, 16911, Indonesia; Dwiyantri F.G., Department of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor, Jl. Lingkar Akademik Kampus IPB, West Java, Bogor, 16680, Indonesia; Hidayat A., Research Centre for Applied Microbiology, National Research and Innovation Agency, Jl. Raya Jakarta-Bogor Km. 46, Cibinong, West Java, Bogor, 16911, Indonesia; Kamiya K., Faculty of Agriculture, Ehime University, 3-5-7 Tarumi, Ehime, Matsuyama, 790-8566, Japan; Rachmat H.H., Research Centre for Ecology and Ethnobiology, National Research and Innovation Agency, Jl. Raya Jakarta-Bogor Km. 46, Cibinong, West Java, Bogor, 16911, Indonesia	Japan
180	Sembiring I.S.; Sukor N.S.A.; Anas M.R.; Hastuti I.P.; Pandia I.J.	Mapping the overlapping paratransit route in Medan City using GIS	2023	Journal of Physics: Conference Series	Sembiring I.S., Department Civil Engineering, Universitas Sumatera Utara, Jl. dr. Mansur Kampus USU, Medan, 20155, Indonesia; Sukor N.S.A., School of Civil Engineering, Universiti Sains Malaysia, Penang, Malaysia; Anas M.R., Department Civil Engineering, Universitas Sumatera Utara, Jl. dr. Mansur Kampus USU, Medan, 20155, Indonesia; Hastuti I.P., Department Civil Engineering, Universitas Sumatera Utara, Jl. dr. Mansur Kampus USU, Medan, 20155, Indonesia; Pandia I.J., Department Civil Engineering, Universitas Sumatera Utara, Jl. dr. Mansur Kampus USU, Medan, 20155, Indonesia	Malaysia
181	Amelia R.; Basyuni M.; Alfinsyahri A.; Sulistiyono N.; Slamet B.; Bimantara Y.; Harahap S.S.H.; Harahap M.; Harahap I.M.; Al Mustaniroh S.S.; Sasmito S.D.; Arifanti V.B.	Evaluation of Plant Growth and Potential of Carbon Storage in the Restored Mangrove of an Abandoned Pond in Lubuk Kertang, North Sumatra, Indonesia	2023	Forests	Amelia R., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Basyuni M., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Alfinsyahri A., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Sulistiyono N., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Slamet B., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Bimantara Y., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Harahap S.S.H., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Harahap M., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Harahap I.M., Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU 2 Bekala, Deli, Serdang, 20353, Indonesia; Al Mustaniroh S.S., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sasmito S.D., Environmental Research Institute, National University of Singapore, 21 Lower Kent Ridge Road, Singapore, 119077, Singapore; Arifanti V.B., Research Center for Ecology and Ethnobiology, National Research and Innovation Agency, Cibinong,	Singapore

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182	Li Z.; Leong L.W.; N Aldoseri M.M.; Muda I.; Abu-Rumman A.; Al Shraah A.	Examining the role of sustainability and natural resources management in improving environmental quality: Evidence from Asian countries	2023	Resources Policy	Li Z., Geography Section, School of Humanities, Universiti Sains Malaysia, Penang, Malaysia; Leong L.W., School of Management and Marketing, Taylor's University, Malaysia; N Aldoseri M.M., Department of Finance, College of Business Administration, Prince Sattam bin Abdulaziz University, Al-Kharj, Saudi Arabia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia, TM Hanafiah 12, USU Campus, Padang bulan, Medan, 20155, Indonesia; Abu-Rumman A., Business School, Al-Ahliyya Amman University, Amman, Jordan; Al Shraah A., Department of Business Administration, Faculty of Economics and Administrative Sciences, The Hashemite Univerity, Zarqa, Jordan	Malaysia, Saudi Arabia, Jordan
183	Prasetyo F.A.; Caraka R.E.; Kim Y.; Goldameir N.E.; Sulistyowati; Tyasti A.E.; Gio P.U.; Anggoro F.; Ramadhani M.; Pardamean B.	Revisiting Fuel Subsidies in Indonesia using K-Means, PAM, and CLARA	2023	IAENG International Journal of Computer Science	Prasetyo F.A., Faculty of Economics and Business, Universitas Indonesia, Indonesia; Caraka R.E., Research Center for Data and Information Sciences, National Research and Innovation Agency (BRIN), Indonesia; Kim Y., Department of Mathematics, Ulsan National Institute of Science and Technology, South Korea; Goldameir N.E., Department of Mathematics, Statistics Study Program, Riau University, Riau, Pekanbaru, Indonesia; Sulistyowati, Institut Teknologi Adhi Tama Surabaya, East Java, Indonesia; Tyasti A.E., International Trade of ASEAN and RRT Region, Polytechnic of APP, DKI Jakarta, Indonesia; Gio P.U., Department of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Anggoro F., Faculty of Economics and Business, Universitas Indonesia, Indonesia; Ramadhani M., Faculty of Economics and Business, Universitas Indonesia, Indonesia; Pardamean B., Computer Science Department, BINUS Graduate Program - Master of Computer Science Program, Bina Nusantara University, Jakarta, Indonesia	South Korea
184	Efendi S.; Chen T.C.; Widjaja G.; Hansen H.; Bakhvalov S.Y.; Gerasimova Y.R.; Abilmazhinov Y.; Anichkina O.; Rahman F.F.	Reverse Supply Chain and Pharmaceutical Waste Collection Management Utilizing Location-Routing Model	2023	Mathematical Modelling of Engineering Problems	Efendi S., Fasilkom-TI, Universitas Sumatera Utara, Medan, 20155, Indonesia; Chen T.C., College of Management and Design, Ming Chi University of Technology, New Taipei City, 243303, Taiwan; Widjaja G., Law Department, Universitas Krisnadwipayana, Bekasi, 13077, Indonesia; Hansen H., Department of Environmental Health, Universitas Muhammadiyah Kalimantan Timur, Samarinda, 75124, Indonesia; Bakhvalov S.Y., Department of Economics and Management, Kazan Federal University, Kazan, 420008, Russian Federation; Gerasimova Y.R., Department of Law, Irkutsk National Research Technical University, Irkutsk, 664074, Russian Federation; Abilmazhinov Y., Shakarim University of Semey, Semey City, 071412, Kazakhstan; Anichkina O., K.G. Razumovsky Moscow State University of Technologies and Management (The First Cossack University), Moscow, 109004, Russian Federation; Rahman F.F., Department of Public Health, Universitas Muhammadiyah Kalimantan Timur, Samarinda, 75124, Indonesia	Taiwan, Rusia, Kazakhstan
185	Qi F.; Abu-Rumman A.; Al Shraah A.; Muda I.; Huerta-Soto R.; Hai Yen T.T.; Abdul-Samad Z.; Michel M.	Moving a step closer towards environmental sustainability in Asian countries: focusing on real income, urbanization, transport infrastructure, and research and development	2023	Economic Research-Ekonomika Istrazivanja	Qi F., School of Marxism, Jilin University, Changchun, China; Abu-Rumman A., Business School, Al-Ahliyya Amman University, Amman, Jordan; Al Shraah A., Faculty of Economics and Administrative Sciences, Department of Business Administration, The Hashemite Univerity, Zarqa, Jordan; Muda I., Faculty Economic and Business, Department of Doctoral Program, Universitas Sumatera Utara, Medan, Indonesia; Huerta-Soto R., Business Administration, Universidad Nacional Santiago Antunez de Mayolo, Huaraz, Peru; Hai Yen T.T., Doctor of Law, National Academy of Public Administration, Hanoi, Viet Nam; Abdul-Samad Z., Faculty of Built Environment, Department of Quantity Surveying, University of Malaya, Kuala Lumpur, Malaysia; Michel M., Department of Economics, Open University of Tanzania, Kibungo, Rwanda	China, Jordan, Peru, Malaysia, Rwanda

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186	Kristak L.; Antov P.; Bekhta P.; Lubis M.A.R.; Iswanto A.H.; Reh R.; Sedliacik J.; Savov V.; Taghiyari H.R.; Papadopoulos A.N.; Pizzi A.; Hejna A.	Recent progress in ultra-low formaldehyde emitting adhesive systems and formaldehyde scavengers in wood-based panels: a review	2023	Wood Material Science and Engineering	Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, Slovakia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, Bulgaria; Bekhta P., Department of Wood-Based Composites, Cellulose and Paper, Ukrainian National Forestry University, Lviv, Ukraine; Lubis M.A.R., Research Center for Biomaterials, National Research and Innovation Agency, Cibinong, Indonesia, Research Collaboration Center for Biomass and Biorefinery Between BRIN and Universitas Padjajaran, National Research and Innovation Agency, Cibinong Science Center, West Java, Indonesia; Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Reh R., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, Slovakia; Sedliacik J., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, Slovakia; Savov V., Faculty of Forest Industry, University of Forestry, Sofia, Bulgaria; Taghiyari H.R., Wood Science and Technology Department, Faculty of Materials Engineering & New Technologies, Shahid Rajaee Teacher Training University, Tehran, Iran; Papadopoulos A.N., Laboratory of Wood Chemistry and Technology, Department of Forestry and Natural Environment, International Hellenic University, Drama, Greece; Pizzi A., LERMAB-ENSTIB, University of Lorraine, Epinal, France; Hejna A., Department of Polymer Technology, Gdańsk University of Technology, Gdańsk, Poland	Slovakia, Bulgaria, Ukraine, Iran, Greece, Poland, France
187	Dalimunthe M.A.; Pallathadka H.; Muda I.; Manoharmayum D.D.; Shah A.H.; Prodanova N.A.; Mamarajabov M.E.; Singer N.	Challenges of Islamic education in the new era of information and communication technologies	2023	HTS Teologiese Studies / Theological Studies	Dalimunthe M.A., Department of Communication Sciences, Universitas Sumatera Utara, Medan, Indonesia; Pallathadka H., Department of Research and Development, Manipur International University, Imphal, Indonesia; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Manoharmayum D.D., KL College of Agriculture, Koneru Lakshmaiah Education Foundation – KLEF, Andhra Pradesh, Guntur, Indonesia; Shah A.H., Department of English, College of Science and Humanities at Al Kharj, Prince Sattam Bin Abdulaziz University, Al-Kharj, Saudi Arabia; Prodanova N.A., Department of Financial Control, Analysis and Audit of Moscow GKU, Plekhanov Russian University of Economics, Moscow, Russian Federation; Mamarajabov M.E., Department of Information Technologies in Mathematics and Education, Tashkent State Pedagogical University named after Nizami, Tashkent, Uzbekistan; Singer N., Department of Media & Children's Culture, Ain Shams University, Cairo, Egypt	Saudi Arabia, Rusia, Uzbekistan, Egypt
188	Hayeemasae N.; Masa A.; Othman N.; Surya I.	Viable Properties of Natural Rubber/Halloysite Nanotubes Composites Affected by Various Silanes	2023	Polymers	Hayeemasae N., Research Unit of Advanced Elastomeric Materials and Innovations for BCG Economy (AEMI), Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Pattani, 94000, Thailand, Department of Rubber Technology and Polymer Science, Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Pattani, 94000, Thailand; Masa A., Research Unit of Advanced Elastomeric Materials and Innovations for BCG Economy (AEMI), Faculty of Science and Technology, Prince of Songkla University, Pattani Campus, Pattani, 94000, Thailand, Rubber Engineering & Technology Program, International College, Prince of Songkla University, Hat Yai, Songkhla, 90110, Thailand; Othman N., School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia, Engineering Campus, Penang, 14300, Malaysia; Surya I., Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia	Thailand, Malaysia
189	Jakimow T.; Gomez M.; Gunasekera V.; Harahap A.F.; Siahaan A.Y.; Vanniasinkam N.; Vijeyarasa R.; Yumasdaleni	Broken Pathways to Politics: Clearing a Path from Grassroots to Representative Politics	2023	Journal of Women, Politics and Policy	Jakimow T., College of Asia and the Pacific, The Australian National University, Canberra, Australia; Gomez M., International Center for Ethnic Studies, Colombo, Sri Lanka; Gunasekera V., International Center for Ethnic Studies, Colombo, Sri Lanka; Harahap A.F., Department of Anthropology, Universitas Sumatera Utara, Medan, Indonesia; Siahaan A.Y., Department of Public Administration, Universitas Sumatera Utara, Medan, Indonesia; Vanniasinkam N., International Center for Ethnic Studies, Colombo, Sri Lanka; Vijeyarasa R., Faculty of Law, University of Technology Sydney, Sydney, Australia; Yumasdaleni, System Information Department, Universitas Potensi Utama, Medan, Indonesia	Australia, Sri Langka

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190	Faza S.; Rahmat R.F.; Husna M.; Sembiring A.P.; Silaen L.F.; Nadi F.	KIDNEY STONES IDENTIFICATION UTILIZING EXTREME LEARNING MACHINE	2023	Journal of Theoretical and Applied Information Technology	Faza S., Department of Computer Engineering and Informatics, Politeknik Negeri Medan, Indonesia; Rahmat R.F., Department of Information Technology, Universitas Sumatera Utara, Indonesia; Husna M., Department of Computer Engineering and Informatics, Politeknik Negeri Medan, Indonesia; Sembiring A.P., Department of Computer Engineering and Informatics, Politeknik Negeri Medan, Indonesia; Silaen L.F., Department of Information Technology, Universitas Sumatera Utara, Indonesia; Nadi F., School of Information Technology, UNITAR International University, Malaysia	Malaysia
191	Darmadi D.; Kuznetsova M.	Biodiversity Dynamics of Hydrobionts, Including Zooplankton, Phytoplankton, Zoobenthos, and Fishes in the Angarsky Sor Bay, Russian Federation	2023	Environment and Ecology Research	Darmadi D., Department of Internal Medicine, Universitas Sumatera Utara, Indonesia; Kuznetsova M., Department of Propaedeutics of Dental Diseases of the Institute of Dentistry, I.M. Sechenov First Moscow State Medical University (Sechenov University), Russian Federation	Rusia
192	Shuangshuang Y.; Zhu W.; Mughal N.; Aparcana S.I.V.; Muda I.	The impact of education and digitalization on female labour force participation in BRICS: an advanced panel data analysis	2023	Humanities and Social Sciences Communications	Shuangshuang Y., Foreign Language School, Nanyang Institute of Technology, Nanyang, China; Zhu W., Faculty of Business Administration, Guangdong Baiyun University, Guangzhou, China; Mughal N., School of Economics and Finance, Xi'an Jiaotong University, Xi'an, China; Aparcana S.I.V., Arquitectura, Universidad Tecnológica del Perú, Lima, Peru; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia	China, Peru
193	Ismail H.; Zainan Abidin A.W.; Johaimi Ling N.L.F.; Afif A.S.; Siahaan E.	Factors Affecting Place Attachment and Types of Living Arrangement Preferences for Ageing-In-Place of the Malaysian Generational Housing Consumers in Malaysia	2023	International Journal of Sustainable Construction Engineering and Technology	Ismail H., Real Estate Studies, School of Real Estate and Building Surveying, College of Built Environment, Universiti Teknologi MARA (UiTM), Selangor, Shah Alam, 40450, Malaysia; Zainan Abidin A.W., Real Estate Studies, School of Real Estate and Building Surveying, College of Built Environment, Universiti Teknologi MARA (UiTM), Selangor, Shah Alam, 40450, Malaysia; Johaimi Ling N.L.F., School of Mathematical Sciences, College of Computing, Informatics and Media, Universiti Teknologi MARA (UiTM), Selangor, Shah Alam, 40450, Malaysia; Afif A.S., Real Estate Studies, School of Real Estate and Building Surveying, College of Built Environment, Universiti Teknologi MARA (UiTM), Selangor, Shah Alam, 40450, Malaysia; Siahaan E., Faculty of Economics and Business, University of Sumatera Utara, Jl. Prof T. Maas Gedung Magister Manajemen, Kampus USU, North Sumatra, Medan City, 20155, Indonesia	Malaysia
194	Amelia P.; Yosephine A.G.; Tobing T.C.L.; Savira M.; Viandy V.; Inglin M.	Association between type of congenital heart disease with child growth and development status: A cross-sectional study in Medan, Indonesia	2023	Narra J	Amelia P., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pediatrics, Adam Malik General Hospital, Medan, Indonesia; Yosephine A.G., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Tobing T.C.L., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pediatrics, Adam Malik General Hospital, Medan, Indonesia; Savira M., Department of Physiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Viandy V., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Inglin M., Department of Chemistry, University of Basel, Switzerland	Switzerland
195	Nurfahasdi M.; Zega A.Y.; Silalahi A.M.E.; Singh D.R.; Babayev A.; Aitova S.	Mapping groundwater vulnerability using drastic method	2023	E3S Web of Conferences	Nurfahasdi M., Department of Environmental Engineering, Faculty of Engineering, Universitas Sumatera Utara USU, Jl. AlmamaterKampus, Medan, 20155, Indonesia; Zega A.Y., Department of Environmental Engineering, Faculty of Engineering, Universitas Sumatera Utara USU, Jl. AlmamaterKampus, Medan, 20155, Indonesia; Silalahi A.M.E., Department of Environmental Engineering, Faculty of Engineering, Universitas Sumatera Utara USU, Jl. AlmamaterKampus, Medan, 20155, Indonesia; Singh D.R., Department of Environmental Engineering, Faculty of Engineering, Universitas Sumatera Utara USU, Jl. AlmamaterKampus, Medan, 20155, Indonesia; Babayev A., TIAME National Research University, Tashkent, 100000, Uzbekistan; Aitova S., Urgench State University, Urganch, 220100, Uzbekistan	Uzbekistan

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196	Nurfahasdi M.; Muzambiq S.; Herlina N.; Rahayu S.A.; Manihuruk J.N.; Kurambaev S.; Musayev S.	Hydrogeochemical analysis of groundwater in residential areas around the Terjun landfill in Medan city, Indonesia	2023	E3S Web of Conferences	Nurfahasdi M., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Muzambiq S., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Herlina N., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Rahayu S.A., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Manihuruk J.N., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Kurambaev S., Urgench State University, Urganch, 220100, Uzbekistan; Musayev S., Jizzakh Polytechnic Institute, Jizzakh, 130100, Uzbekistan	Uzbekistan
197	Pasaribu H.P.; Lumbanraja S.N.; Varenni W.; Enitan S.S.	Comparison of vascular cell adhesion molecule 1 (VCAM-1) during pregnancy, after placental detachment and during puerperium between normal and pregnancy with COVID-19	2023	Narra J	Pasaribu H.P., Division of Fetomaternal, Department of Obstetrics and Gynecology, Universitas Sumatera Utara, Medan, Indonesia; Lumbanraja S.N., Division of Fetomaternal, Department of Obstetrics and Gynecology, Universitas Sumatera Utara, Medan, Indonesia; Varenni W., Department of Obstetrics and Gynecology, Universitas Sumatera Utara, Medan, Indonesia; Enitan S.S., Department of Medical Laboratory Science, School of Public and Allied Health, Babcock University, Ilishan-Remo, Nigeria	Nigeria
198	Aneu A.; Pratika R.A.; Hasanudin; Gea S.; Wijaya K.; Oh W.-C.	Silica-Based Catalysts for Biodiesel Production: A Brief Review	2023	Silicon	Aneu A., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, Indonesia; Pratika R.A., Study Program of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Palangka Raya, Central of Kalimantan, Palangkaraya, Indonesia; Hasanudin, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sriwijaya, South Sumatera, Palembang, Indonesia; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatera, Indonesia; Wijaya K., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada, Yogyakarta, Indonesia; Oh W.-C., Department of Advanced Materials and Engineering, Hansoe University, Seosan-Si, Chungnam-Do, Hongseong, South Korea	South Korea
199	Wang X.; Yin J.; Yang Y.; Muda I.; Abduvaxitovna S.Z.; AlWadi B.M.; Castillo-Picon J.; Abdul-Samad Z.	Relationship between the resource curse, Forest management and sustainable development and the importance of R&D Projects	2023	Resources Policy	Wang X., College of Political Science and Law, Jiangxi Normal University, Jiangxi, Nanchang, 330000, China; Yin J., Department of Civil Engineering University: University of Nottingham Malaysia Campus, Jalan Broga, Semenyih, Selangor, 43500, Malaysia; Yang Y., Nature Reserve Projects and Wild Fauna and Flora Conservation Center of Hebei Province, Hebei, Shijiazhuang, 050081, China; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Abduvaxitovna S.Z., Associate Professor at Department of Finance, Tashkent State University of Economics, Uzbekistan; AlWadi B.M., Assistant Professor of Management and Entrepreneurship, Al-Zaytoonah University of Jordan, Jordan; Castillo-Picon J., Universidad Nacional Santiago Antúnez de Mayolo, Huaraz, Peru; Abdul-Samad Z., Department of Quantity Surveying, Faculty of Built Environment, University of Malaya, Kuala Lumpur, 50603, Malaysia	China, Malaysia, Uzbekistan, Jordan, Peru
200	Candra A.; Prasetyo B.E.; Darge H.F.	Honey utilization in soursop leaves ( <i>Annona muricata</i> ) kombucha: Physicochemical, cytotoxicity, and antimicrobial activity	2023	Biocatalysis and Agricultural Biotechnology	Candra A., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Prasetyo B.E., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia; Darge H.F., Centre for Ocular Research & Education (CORE), School of Optometry and Vision Science, University of Waterloo, Waterloo, Canada, College of Medicine and Health Science, Bahir Dar University, 79, Bahir Dar, Ethiopia	Canada, Ethiopia
201	Muda I.; Shah J.A.; Jarudin; Arnone G.; Aarif M.; Sravan I.	An improved analysis of cryptocurrencies for business trading deterministic with deep learning techniques	2023	AIP Conference Proceedings	Muda I., Universitas Sumatera Utara, Indonesia; Shah J.A., Amity University, Parval MH, India; Jarudin, Information Technology Institute Teknologi Dan Bisnis Bina Sarana Global, Banten, Indonesia; Arnone G., Università Degli Studi di Napoli Parthenope Napoli, Italy; Aarif M., JIT University, Rajasthan, Jhunjhunu, India; Sravan I., YOGANANDA INSTITUTE of TECHNOLOGY and SCIENCE, AP, Tirupati, India	India

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202	Mustamu N.E.; Tampubolon K.; Alridiwersah; Basyuni M.; AL-Taey D.K.A.; Jawad Kadhim AL Janabi H.; Mehdizadeh M.	Drought stress induced by polyethylene glycol (PEG) in local maize at the early seedling stage	2023	Heliyon	Mustamu N.E., Universitas Labuhanbatu, Faculty of Science and Technology, Program Study of Agrotechnology, Sumatera Utara, Rantauprapat, 21415, Indonesia; Tampubolon K., Universitas Sumatera Utara, Faculty of Agriculture, Program Study of Agrotechnology, Medan, 20155, Indonesia; Alridiwersah, Universitas Muhammadiyah Sumatera Utara, Faculty of Agriculture, Program Study of Agrotechnology, Medan, 20238, Indonesia; Basyuni M., Universitas Sumatera Utara, Faculty of Forestry, Program Study of Forestry, Medan, 20155, Indonesia; AL-Taey D.K.A., Department of Horticulture, AL-Qasim Green University, Babylon, Iraq; Jawad Kadhim AL Janabi H., Medical Laboratories Techniques Department / AL-Mustaqbal University College, Babil, Hillah, 51001, Iraq; Mehdizadeh M., Department of Agronomy and Plant Breeding, Faculty of Agriculture and Natural Resources, University of Mohaghegh Ardabili, Ardabil, Iran	Iraq, Iran
203	Lubis I.N.D.; Farah S.; Pasaribu A.P.; Evalina R.; Daulay R.S.; Wijaya H.	A pediatric case and literature review of mucormycosis: Diagnostic and treatment challenges in a resource poor setting	2023	Narra J	Lubis I.N.D., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, University of Oxford, Oxford, United Kingdom, Menzies School of Health Research, Darwin, Australia; Farah S., University of Oxford, Oxford, United Kingdom; Pasaribu A.P., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Evalina R., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Daulay R.S., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Wijaya H., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia	United Kingdom, Australia
204	Septama A.W.; Yuandani Y.; Khairunnisa N.A.; Nasution H.R.; Utami D.S.; Kristiana R.; Jantan I.	Antibacterial, bacteriolytic, antibiofilm, and synergistic effects of the peel oils of Citrus microcarpa and Citrus x amblycarpa with tetracycline against foodborne Escherichia coli	2023	Letters in Applied Microbiology	Septama A.W., Research Center for Pharmaceutical Ingredient and Traditional Medicine, National Research and Innovation Agency (BRIN), KawasanPUSPIPTK Serpong, Tangerang Selatan, Banten, 15314, Indonesia; Yuandani Y., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Khairunnisa N.A., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Nasution H.R., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Utami D.S., Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Kristiana R., Marine Education and Research Organisation (MERO) Foundation., Br. Dinas Muntig, Kara 80853ngasem, Bali, Indonesia; Jantan I., Institute of Systems Biology (INBIOSIS), Universiti Kebangsaan Malaysia, Bangi, Malaysia	Malaysia
205	Nasution H.; Harahap H.; Julianti E.; Safitri A.; Jaafar M.	Smart Packaging Based on Polylactic Acid: The Effects of Antibacterial and Antioxidant Agents from Natural Extracts on Physical–Mechanical Properties, Colony Reduction, Perishable Food Shelf Life, and Future Prospective	2023	Polymers	Nasution H., Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Padang Bulan, Kec. Medan Baru, Sumatera Utara, Medan, 20155, Indonesia; Harahap H., Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Padang Bulan, Kec. Medan Baru, Sumatera Utara, Medan, 20155, Indonesia; Julianti E., Department of Food and Science Technology, Faculty of Agriculture, Universitas Sumatera Utara, Padang Bulan, Kec. Medan Baru, Sumatera Utara, Medan, 20155, Indonesia; Safitri A., Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Padang Bulan, Kec. Medan Baru, Sumatera Utara, Medan, 20155, Indonesia; Jaafar M., School of Materials & Mineral Resources Engineering, Universiti Sains Malaysia, Pulau Pinang, Nibong Tebal, 14300, Malaysia	Malaysia

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206	Tulus; Rahman M.M.; Sutarman; Syahputra M.R.; Marpaung T.J.; Marpaung J.L.	Computational Assessment of Wave Stability Against Submerged Permeable Breakwaters: A Hybrid Finite Element Method Approach	2023	Mathematical Modelling of Engineering Problems	Tulus, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia; Rahman M.M., Faculty of Mechanical and Automotive Engineering Technology, Universiti Malaysia Pahang Al-Sultan Abdullah, Pahang, Pekan, 26600, Malaysia; Sutarman, Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia; Syahputra M.R., Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia; Marpaung T.J., Department of Statistics, Faculty of Vocational, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia; Marpaung J.L., Department of Mathematics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatera, 20155, Indonesia	Malaysia
207	Tambunan B.H.; Ambarita H.; Sitorus T.B.; Sebayang A.H.; Masudie A.	An Overview of Physicochemical Properties and Engine Performance Using Rubber Seed Biodiesel–Plastic Pyrolysis Oil Blends in Diesel Engines	2023	Automotive Experiences	Tambunan B.H., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Mechanical Engineering, Universitas Negeri Medan, Medan, 20221, Indonesia; Ambarita H., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sitorus T.B., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sebayang A.H., Department of Mechanical Engineering, Politeknik Negeri Medan, Medan, 20155, Indonesia, Center of Renewable Energy, Department of Mechanical Engineering, Politeknik Negeri Medan, Medan, 20155, Indonesia; Masudie A., Clean Energy Research Center, Korea Institute of Science and Technology, 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, South Korea	South Korea
208	Kosasih A.; James R.; Chau N.H.; Karman M.M.; Panggalo L.V.; Wini L.; Thanh N.V.; Obadia T.; Satyagraha A.W.; Asih P.B.S.; Syafruddin D.; Taylor W.R.J.; Mueller I.; Sutanto I.; Karunajeewa H.; Pasaribu A.P.; Baird J.K.	Case Series of Primaquine-Induced Haemolytic Events in Controlled Trials with G6PD Screening	2023	Pathogens	Kosasih A., Oxford University Clinical Research Unit Indonesia, Jakarta, 10430, Indonesia; James R., Walter and Eliza Hall Institute of Medical Research, Melbourne, 3052, VIC, Australia, Department of Medical Biology, University of Melbourne, Melbourne, 3010, VIC, Australia; Chau N.H., Oxford University Clinical Research Unit, Hospital for Tropical Diseases, District 5, Ho Chi Minh City, 749000, Viet Nam; Karman M.M., Oxford University Clinical Research Unit Indonesia, Jakarta, 10430, Indonesia; Panggalo L.V., Exeins Health Initiative, Jakarta, 12870, Indonesia; Wini L., Vector-Borne Disease Control (VBDC) Division, Solomon Islands Ministry of Health and Medical Services, P.O. Box R113, Honiara, Solomon Islands; Thanh N.V., Oxford University Clinical Research Unit, Hospital for Tropical Diseases, District 5, Ho Chi Minh City, 749000, Viet Nam; Obadia T., Institut Pasteur, Université Paris Cité, Bioinformatics and Biostatistics Hub, Paris, F-75015, France, Institut Pasteur, Université Paris Cité, G5 Infectious Diseases Epidemiology and Analytics, Paris, F-75015, France; Satyagraha A.W., Exeins Health Initiative, Jakarta, 12870, Indonesia, Eijkman Research Center for Molecular Biology, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Asih P.B.S., Eijkman Research Center for Molecular Biology, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Syafruddin D., Eijkman Research Center for Molecular Biology, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Department of Parasitology, Faculty of Medicine, Hasanuddin University, Makassar, 90245, Indonesia, Hasanuddin University Medical Research Center, Makassar, 90245, Indonesia; Taylor W.R.J., Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, 10400, Thailand, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, OX3 7BN, United Kingdom; Mueller I., Walter and Eliza Hall Institute of Medical Research, Melbourne, 3052, VIC, Australia; Sutanto I., Department of Parasitology, Faculty of Medicine, University of Indonesia, Jakarta, 10430, Indonesia; Karunajeewa H., Department of Medicine, Western Health, The University of Melbourne, Melbourne	Australia, Viet Nam, France, Thailand\

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209	Suharman N.; Heah W.Y.; Yamagishi H.; Yamamoto Y.	Poly(lactic acid) stereocomplex microspheres as thermally tolerant optical resonators	2023	Nanoscale	Suharman N., Department of Material Innovation, Graduate School of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan, Department of Chemistry, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Jl. Dr. T. Mansur No. 9, Padang Bulan, Medan Baru, Sumatera Utara 20222, Medan, Indonesia; Heah W.Y., Department of Material Science, Institute of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan; Yamagishi H., Department of Material Innovation, Graduate School of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan, Department of Material Science, Institute of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan; Yamamoto Y., Department of Material Innovation, Graduate School of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan, Department of Material Science, Institute of Pure and Applied Science, University of Tsukuba, 1-1-1 Tennodai, Ibaraki, Tsukuba, 305-8573, Japan	Japan
210	Harahap M.; Basyuni M.; Sulistiyono N.; Sasmito S.D.; Latifah S.; Delvian; Amelia R.; Bimantara Y.; Harahap S.S.H.; Larekeng S.H.; Sumarga E.; Al Mustaniroh S.S.; Slamet B.; Arifanti V.B.; Ali H.M.	Carbon Stock and CO2 Fluxes in Various Land Covers in Karang Gading and Langkat Timur Laut Wildlife Reserve, North Sumatra, Indonesia	2023	Sustainability (Switzerland)	Harahap M., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Basyuni M., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sulistiyono N., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sasmito S.D., Environmental Research Institute, National University of Singapore (NUS), 21 Lower Kent Ridge Road, Singapore, 119077, Singapore; Latifah S., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia; Delvian, Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia; Amelia R., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Bimantara Y., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Harahap S.S.H., Department of Forestry, Faculty of Forestry, Universitas Sumatra Utara, Jl. Tri Dharma Ujung No. 1 Kampus USU, Medan, 20155, Indonesia, Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Larekeng S.H., Biotechnology and Tree Breeding Laboratory, Faculty of Forestry, Universitas Hasanuddin, Makassar, 90245, Indonesia; Sumarga E., School of Life Sciences and Technology, Institut Teknologi Bandung, Bandung, 40132, Indonesia; Al Mustaniroh S.S., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Slamet B., Department of Forestry, Faculty of Forestry,	Singapore, Saudi Arabia

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211	Madyaratri E.W.; Ridho M.R.; Iswanto A.H.; Osvaldová L.M.; Lee S.H.; Antov P.; Fatriasari W.	Effect of Lignin or Lignosulfonate Addition on the Fire Resistance of Areca (Areca catechu) Particleboards Bonded with Ultra-Low-Emitting Urea-Formaldehyde Resin	2023	Fire	Madyaratri E.W., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Jl Raya Bogor KM 46 Cibinong, Bogor, 16911, Indonesia; Ridho M.R., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Jl Raya Bogor KM 46 Cibinong, Bogor, 16911, Indonesia; Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Kampus USU, Jl. Tridharma Ujung No. 1, Medan, 20155, Indonesia; Osvaldová L.M., Department of Fire Engineering, Faculty of Security Engineering, University of Žilina, Žilina, 01032, Slovakia; Lee S.H., Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM) Cawangan Pahang Kampus Jengka, Lintasan Semarak, Bandar Jengka, Pahang, Bandar Tun Razak, 26400, Malaysia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Fatriasari W., Research Center for Biomass and Bioproducts, National Research and Innovation Agency (BRIN), Jl Raya Bogor KM 46 Cibinong, Bogor, 16911, Indonesia	Slovakia, Malaysia, Bulgaria
212	Furusawa T.; Koera T.; Siburian R.; Wicaksono A.; Matsudaira K.; Ishioka Y.	Time-series analysis of satellite imagery for detecting vegetation cover changes in Indonesia	2023	Scientific Reports	Furusawa T., Graduate School of Asian and African Area Studies, Kyoto University, Room #AA431, Research Bldg. No. 2, Yoshida-Honmachi, Sakyo-ku, Kyoto, 606-8501, Japan, Graduate School of Science, University of Tokyo, Tokyo, Japan; Koera T., GEOINT Department, Satellite Business Division, PASCOR CORPORATION, Japan Map Center Bldg., Aobadai 4-9-6, Meguro-ku, Tokyo, 153-0042, Japan; Siburian R., Universitas Sumatera Utara, Medan, 20155, Indonesia; Wicaksono A., Universitas Gadjah Mada, Yogyakarta, Indonesia; Matsudaira K., Graduate School of Asian and African Area Studies, Kyoto University, Room #AA431, Research Bldg. No. 2, Yoshida-Honmachi, Sakyo-ku, Kyoto, 606-8501, Japan, Graduate School of Medicine, University of the Ryukyus, Okinawa, Japan; Ishioka Y., GEOINT Department, Satellite Business Division, PASCOR CORPORATION, Japan Map Center Bldg., Aobadai 4-9-6, Meguro-ku, Tokyo, 153-0042, Japan	Japan
213	Chen T.-C.; Muda I.; Salman R.; Hussein B.A.; Uktamov K.F.; Al-Muttar M.Y.O.	Presenting a Model for Locating and Allocating Multi-Period Hubs and Comparing It with a Multi-Objective Imperialist Competitive Algorithm	2023	Foundations of Computing and Decision Sciences	Chen T.-C., Department of Industrial Engineering and Management, Ming Chi University of Technology, New Taipei City, 24301, Taiwan; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, USU Campus, Jl. Prof TM Hanafiah 12, Padang bulan, Medan, Medan, 20222, Indonesia; Salman R., School of Management, Universiti Sains Malaysia, Penang, Malaysia; Hussein B.A., Al-Manara College for Medical Sciences, Misan, Iraq; Uktamov K.F., Economic Security Department, Tashkent State University of Economics, Islam Karimov street 49, Tashkent, 100066, Uzbekistan; Al-Muttar M.Y.O., Scientific Research Center, Al-Ayen University, Thi-Qar, Iraq	Taiwan, Malaysia, Iraq, Uzbekistan
214	Perdana I.; Arifin A.; Hati K.; Subagiharti H.; Handayani D.S.	Android-Based Learning Media for Learning Styles and Student Learning Outcomes	2023	AIP Conference Proceedings	Perdana I., University Palangkaraya, Central Borneo, Palangkaraya, Indonesia; Arifin A., IKIP PGRI Pontianak, West Borneo, Pontianak, Indonesia, University Technology Malaysia, Kuala Lumpur, Malaysia; Hati K., STMIK Antar Bangsa, Banten, Tangerang, Indonesia; Subagiharti H., Faculty of Teacher Training and Education, University of Asahan, Kisaran, North Sumatra, Indonesia; Handayani D.S., Faculty of Cultural Sciences, University of North Sumatra, Medan, Indonesia	Malaysia

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215	Rastegari H.; Nadi F.; Lam S.S.; Ikhwanuddin M.; Kasan N.A.; Rahmat R.F.; Mahari W.A.W.	Internet of Things in aquaculture: A review of the challenges and potential solutions based on current and future trends	2023	Smart Agricultural Technology	Rastegari H., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia; Nadi F., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia, ICT Organization of Isfahan Municipality, Isfahan, 8163654376, Iran; Lam S.S., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia; Ikhwanuddin M., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia; Kasan N.A., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia; Rahmat R.F., Department of Information Technology, Universitas Sumatera Utara, Medan, Indonesia; Mahari W.A.W., Higher Institution Center of Excellence (HICoE), Institute of Tropical Aquaculture and Fisheries, University Malaysia Terengganu, Terengganu, Kuala Nerus, 21030, Malaysia	Malaysia, Iran
216	Savary S.; Andrivon D.; Esker P.; Frey P.; Hüberli D.; Kumar J.; McDonald B.A.; McRoberts N.; Nelson A.; Pethybridge S.; Rossi V.; Schreinemachers P.; Willocquet L.; Bove F.; Sah S.; Singh M.; Djurle A.; Xu X.; Ojiambo P.; Paul P.; Del Ponte E.; Kuhnem P.; Carmona M.; Sautua F.; Chen X.; Xia X.; Kang Z.; Safni I.; Castilla N.P.; Nguyen N.T.T.; Ma Z.; Wu B.; Kumar L.P.; Bandyopadhyay R.; Ortega-Beltran A.; Menkir A.; Hu X.; Garrett K.A.; Andrade-Piedra J.; Kreuze J.; Acuña I.; Kromann P.; Davey T.; Hausladen H.; Legg J.P.; Fiaboe K.M.; Tripathi L.; Viljoen A.; Mahuku G.; Kubiriba J.; Armengol J.; Calonnec A.; Marzachi C.; Bock C.H.; Dewdney M.M.; Cox K.D.; Avelino J.; García-Figuera S.; Coletta-Filho H.D.; Vicent A.; Drenth A.; Fourie P.H.; Changyong Z.; Legesse W.B.; Kenyon L.; Srinivasan R.; Santini A.; Guérin M.; Pinon J.; Desprez-Loustau M.-L.; Denman S.; Ducouso A.; Frankel S.J.; Juzwik J.; Rizzo D.M.; Woods A.J.; Munck I.A.; Leon A.; Ramsfield T.; Carnegie A.J.; O'Gara E.; Makinson R.O.; Hardy G.E.St.J.; Brenes-Arguedas T.; Arnold A.E.; Coley P.D.; Spear E.R.; Zalamea P.-C.; Lebrun M.-H.; Mikaberidze A.; Yuen J.	A Global Assessment of the State of Plant Health	2023	Plant Disease	Savary S., National Research Institute of Science and Technology for Environment and Agriculture (INRAE), Paris, France, Govind Ballabh Pant University of Agriculture and Technology (GBPUAT), Uttarakhand, Pantnagar, India, University of California-Davis, Davis, CA, United States; Andrivon D., National Research Institute of Science and Technology for Environment and Agriculture (INRAE), Paris, France; Esker P., Penn State University, United States; Frey P., National Research Institute of Science and Technology for Environment and Agriculture (INRAE), Paris, France; Hüberli D., Government of West Australia, Australia; Kumar J., Govind Ballabh Pant University of Agriculture and Technology (GBPUAT), Uttarakhand, Pantnagar, India, Graphic Era University, India; McDonald B.A., ETH Zürich, Switzerland; McRoberts N., University of California-Davis, Davis, CA, United States; Nelson A., University of Twente, Netherlands; Pethybridge S., Cornell University, United States; Rossi V., Università Cattolica Del Sacro Cuore, Italy; Schreinemachers P., World Vegetable Center, Thailand; Willocquet L., National Research Institute of Science and Technology for Environment and Agriculture (INRAE), Paris, France; Bove F., Università Cattolica Del Sacro Cuore, Italy; Sah S., Govind Ballabh Pant University of Agriculture and Technology (GBPUAT), Uttarakhand, Pantnagar, India; Singh M., Govind Ballabh Pant University of Agriculture and Technology (GBPUAT), Uttarakhand, Pantnagar, India; Djurle A., Swedish University of Agricultural Sciences, Sweden; Xu X., National Institute of Agricultural Botany, East Malling Research Station (NIAB EMR), United Kingdom; Ojiambo P., North Carolina State University, United States; Paul P., Ohio State University, United States; Del Ponte E., Universidade Federal de Viçosa, Brazil; Kuhnem P., Biotrigo Genética, Brazil; Carmona M., Universidad de Buenos Aires, Argentina; Sautua F., Universidad de Buenos Aires, Argentina; Chen X., U.S. Department of Agriculture (USDA), United States, Washington State University, United States; Xia X., Chinese Academy of Agricultural Sciences, China; Kang Z., Northwest A&F University, China; Safni I., Universitas Sumatera Utara, Indonesia; Castilla N.P., International Rice Research Institute, Philippines; Nguyen N.T.T., Can	France, India, United States, Australia, India, Netherlands, Italy, Thailand, United Kingdom, Sweden

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217	Sinaga J.P.; Sinaga B.Y.M.; Siagian P.; Eyanoe P.C.; Unata I.M.	Factors associated with the quality of life and persistent dyspnea severity in covid-19 survivors: A cross-sectional study among healthcare workers	2023	Narra J	Sinaga J.P., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pulmonology and Respiratory Medicine, H. Adam Malik General Hospital, Medan, Indonesia; Sinaga B.Y.M., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pulmonology and Respiratory Medicine, H. Adam Malik General Hospital, Medan, Indonesia; Siagian P., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pulmonology and Respiratory Medicine, H. Adam Malik General Hospital, Medan, Indonesia; Eyanoe P.C., Department of Community Medicine and Public Health, Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia; Unata I.M., Department of Medical Microbiology, School of Medical laboratory science, College of Health Sciences, Usmanu Danfodiyo University Sokoto, Sokoto, Nigeria	Nigeria
218	Nursalam N.; Hapsari E.D.; Setiawan S.; Agustini N.L.P.I.B.; Priyantini D.; Abdullah K.L.	Analysis of factors affecting fear and mental health awareness of coronavirus disease infection	2023	Jurnal Ners	Nursalam N., Faculty of Nursing, Universitas Airlangga, Surabaya, Indonesia; Hapsari E.D., Faculty of Medicine, Universitas Gadjah Mada, Yogyakarta, Indonesia; Setiawan S., Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Agustini N.L.P.I.B., Magister Program of Nursing, Institute of Technology and Health Bali, Bali, Indonesia; Priyantini D., Faculty of Health Sciences, University of Muhammadiyah Surabaya, Surabaya, Indonesia; Abdullah K.L., Departement of Nursing, Sunway University: Bandar Sunway, Selangor, Malaysia	Malaysia
219	Siburian R.; Goei R.; Manurung H.; Aritonang S.P.; Simanjuntak C.; Hutagalung F.; Anshori I.; Alias Y.; Paiman S.; Affi J.; Tok A.I.Y.	Distribution model of Iron (Fe) on Fe/Graphene Nano Sheets	2023	Ceramics International	Siburian R., Chemistry Department, Universitas Sumatera Utara, Medan, 20155, Indonesia, Carbon Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia, Postgraduate of Chemistry Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, 639798, Singapore; Manurung H., Postgraduate of Chemistry Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Aritonang S.P., Faculty of Agriculture, Universitas Methodist Indonesia, Medan, 20155, Indonesia; Simanjuntak C., Chemistry Department, Universitas Sumatera Utara, Medan, 20155, Indonesia, Carbon Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia; Hutagalung F., Postgraduate of Chemistry Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Anshori I., Lab-on-Chip Group, Biomedical Engineering Department, Bandung Institute of Technology, Bandung, 40132, Indonesia, Research Center for Nanosciences and Nanotechnology (RCNN), Bandung Institute of Technology, Bandung, 40132, Indonesia; Alias Y., Department of Chemistry, Faculty of Science, Universiti Malaya, Kuala Lumpur, 50603, Malaysia, University Malaya Centre for Ionic Liquids (UMCiL), Universiti Malaya, Kuala Lumpur, 50603, Malaysia; Paiman S., Physics Department, Faculty of Science, Universiti Putra Malaysia, Serdang, Selangor, Seri Kembangan, 43400, Malaysia; Affi J., Mechanical Engineering Department, Engineering Faculty, Andalas University, Kampus Limau Manis, Padang, 25163, Indonesia; Tok A.I.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, 639798, Singapore	Singapore, Malaysia

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220	Prayugo A.S.; Marpongahtun; Gea S.; Daulay A.; Harahap M.; Siow J.; Goei R.; Tok A.I.Y.	Highly fluorescent nitrogen-doped carbon dots derived from jengkol peels ( <i>Archidendron pauciflorum</i> ) by solvothermal synthesis for sensitive Hg <sup>2+</sup> ions detection	2023	Biosensors and Bioelectronics: X	Prayugo A.S., Postgraduate School, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Marpongahtun, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia, Cellulosic Functional Material-Research Center, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Kampus USU, Padang Bulan, Sumatera Utara, 20215, Indonesia; Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Daulay A., Postgraduate School, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Harahap M., Department of Chemistry, Faculty of Science Technology and Information, Sari Mutiara Indonesia University, Jl. Kapten Muslim No. 79, Medan, 20124, Indonesia; Siow J., School of Chemistry, Chemical Engineering and Biotechnology, Nanyang Technological University, 62 Nanyang Drive, 637459, Singapore; Goei R., School of Material Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, 637335, Singapore; Tok A.I.Y., School of Material Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, 637335, Singapore	Singapore
221	Elbert B.; Zainumi C.M.; Pujiastuti R.A.D.; Yaznil M.R.; Yanni G.N.; Alona I.; Lubis I.N.D.	Mothers' knowledge, attitude, and behavior regarding child immunization, and the association with child immunization status in Medan City during the COVID-19 pandemic	2023	IJID Regions	Elbert B., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Zainumi C.M., Department of Anesthesiology and Intensive Care, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Pujiastuti R.A.D., Department of Neurology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Yaznil M.R., Department of Obstetrics and Gynecology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Yanni G.N., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Alona I., Department of Community Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Lubis I.N.D., Department of Pediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Menzies School of Health Research, Darwin, Australia	Australia
222	Monica N.S.; Tarigan A.P.; Pradana A.; Mutiara E.; Pandia P.; Sinaga B.Y.M.; Sihombing B.; Rhinsilva E.; Zulkarnain Z.; Listyoko A.S.	Effectiveness of adequate chicken egg white consumption on dyspnea degree and exacerbation incidence in stable COPD patients practicing strength and endurance exercises	2023	Narra J	Monica N.S., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Tarigan A.P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Pradana A., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Mutiara E., Department of Biostatistics, Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia; Pandia P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Sinaga B.Y.M., Division of Pulmonary Infection, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Sihombing B., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Rhinsilva E., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Zulkarnain Z., Department of Physiotherapy, College of Health Science Siti Hajar Medan, Medan, Indonesia; Listyoko A.S., Division of Respiratory Medicine and Rheumatology, Department of Multidisciplinary Internal Medicine, Faculty of Medicine, Tottori University, Tottori, Japan	Japan

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223	Rianna M.; Setiadi E.A.; Susiani S.; Soehada Sebayang A.M.; Fauzi M.; Hussain M.K.; Yuliana K.; Asri N.S.; Nurdiansah L.F.; Tetuko A.P.; Sebayang P.	Enhanced calcination temperatures of SrFe12O19 synthesized by local iron sand from Lombok Island	2023	Case Studies in Chemical and Environmental Engineering	Rianna M., Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Setiadi E.A., Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia; Susiani S., Printing Engineering Department, Politeknik Negeri Media Kreatif, South Jakarta, Indonesia; Soehada Sebayang A.M., Department of Mechanical Engineering, Universitas Pamulang, Tangerang Selatan, 15417, Indonesia; Fauzi M., Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Hussain M.K., Department of Physics, Faculty of Science, University of Gujrat, HH Campus, Gujrat, 50700, Pakistan, Department of Physics, Faculty of Science, University of Gujrat, Sub-Campus Mandi, Bahauddin, 50400, Pakistan; Yuliana K., Department of Physics, Universitas Negeri Mataram, Nusa Tenggara Barat, Mataram, 83125, Indonesia; Asri N.S., Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia; Nurdiansah L.F., Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia; Tetuko A.P., Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia; Sebayang P., Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia	Pakistan
224	Al-Hawary S.I.S.; Muda I.; Sayed B.T.; Fenjan M.N.; Kareem A.K.	A Comparative Study of MARS, GEP, and GMDH Methods for Modeling Soil Thermal Conductivity	2023	International Journal of Thermophysics	Al-Hawary S.I.S., Department of Business Administration, Al Al-Bayt University, P.O.BOX 130040, Mafraq, 25113, Jordan; Muda I., Department of Doctoral Program, Universitas Sumatera Utara, Medan, Indonesia; Sayed B.T., Department of Computer Science, Dhofar University, Salalah, Oman; Fenjan M.N., College of Health and Medical Technology, Al-Ayen University, Thi-Qar, Iraq; Kareem A.K., Biomedical Engineering Department, Al-Mustaqbal University College, Babylon, Iraq	Jordan, Oman, Iraq
225	Xu S.; Zhang Y.; Chen L.; Leong L.W.; Muda I.; Ali A.	How Fintech and effective governance derive the greener energy transition: Evidence from panel-corrected standard errors approach	2023	Energy Economics	Xu S., School of Business, Hunan University of Science and Technology, Xiangtan, China, School of Tourism and Economic Management, Nanchang Normal University, Nanchang, China; Zhang Y., School of Management, Hebei GEO University, Hebei, Shijiazhuang, 050031, China; Chen L., School of Accounting and Business Administration, Yunnan Minzu University, YunNan, Kunming, 650500, China; Leong L.W., School of Management and Marketing, Taylor's University Malaysia, Malaysia; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Ali A., Department of Management, College of Business Administration, Prince Sattam Bin Abdulaziz University, Al kharj, Saudi Arabia	China, Malaysia, Saudi Arabia
226	Raffael F.; Pandia P.; Tarigan A.P.; Mutiara E.; Osakue O.E.	Comparison of exhaled carbon monoxide levels and its association with nicotine dependence between electronic and tobacco cigarettes: A cross-sectional study among teenage smokers	2023	Narra J	Raffael F., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Pandia P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Tarigan A.P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Mutiara E., Department of Biostatistics, Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia; Osakue O.E., Department of Medical Laboratory Science, Babcock University, Ikenne, Nigeria	Nigeria

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227	Suryati I.; Anggraeni M.; Hasibuan N.H.; Ruadelia M.; Nadapdap L.; Hanisah M.; Sigalingging J.	Analysis of the carbon footprint of the domestic wastewater sector in several areas in Medan city during the Covid-19 pandemic	2023	AIP Conference Proceedings	Suryati I., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia, Air Pollution Control Laboratory, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Anggraeni M., Human Geography Planning, and International Development Studies, Amsterdam Institute for Social Science Research, Universiteit Van Amsterdam (UvA), Amsterdam, Netherlands; Hasibuan N.H., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Ruadelia M., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Nadapdap L., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia, Air Pollution Control Laboratory, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Hanisah M., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia; Sigalingging J., Environmental Engineering Department, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia, Air Pollution Control Laboratory, Universitas Sumatera Utara, Sumatera Utara, 20155, Indonesia	Netherlands
228	Bestari R.; Nainggolan I.R.A.; Hasibuan M.; Ratnanggana R.; Rahardjo K.; Nastri A.M.; Dewantari J.R.; Soetjpto S.; Lusida M.I.; Mori Y.; Shimizu K.; Kusumawati R.L.; Ichwan M.; Lubis I.N.D.	SARS-CoV-2 lineages circulating during the first wave of the pandemic in North Sumatra, Indonesia	2023	IJID Regions	Bestari R., Faculty of Medicine, Universitas Islam Sumatera Utara, Medan, Indonesia; Nainggolan I.R.A., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Hasibuan M., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Ratnanggana R., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Rahardjo K., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Nastri A.M., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Dewantari J.R., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Soetjpto S., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Lusida M.I., Institute of Tropical Disease, Airlangga University, Surabaya, Indonesia; Mori Y., Center for Infectious Diseases, Kobe University Graduate School of Medicine, Chuo-ku, Japan; Shimizu K., Center for Infectious Diseases, Kobe University Graduate School of Medicine, Chuo-ku, Japan; Kusumawati R.L., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Ichwan M., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Lubis I.N.D., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia	Japan
229	Raditya V.Y.A.; Lubis M.A.R.; Sari R.K.; Antov P.; Lee S.H.; Kristak L.; Mardawati E.; Iswanto A.H.	Properties of Ramie (Boehmeria nivea (L.) Gaudich) Fibers Impregnated with Non-Isocyanate Polyurethane Resins Derived from Lignin	2023	Materials	Raditya V.Y.A., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Jakarta Pusat, 16911, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Jakarta Pusat, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Bandung, 45363, Indonesia; Sari R.K., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Lee S.H., Department of Wood Industry, Faculty of Applied Sciences, The MARA Technological University, Shah Alam, 40450, Malaysia; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, Bandung, 45363, Indonesia, Department of Agro-Industrial Technology, Universitas Padjadjaran, Bandung, 45363, Indonesia; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Kwala Bekala Campus, Medan, 20355, Indonesia	Bulgaria, Malaysia, Slovakia

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230	Haque M.A.; Saha D.; Al-Bawri S.S.; Paul L.C.; Rahman M.A.; Alshanketi F.; Alhazmi A.; Rambe A.H.; Zakariya M.A.; Ba Hashwan S.S.	Machine learning-based technique for resonance and directivity prediction of UMTS LTE band quasi Yagi antenna	2023	Heliyon	Haque M.A., Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Perak, Bandar Seri Iskandar, 32610, Malaysia, Department of Electrical and Electronic Engineering, Daffodil International University, Dhaka, 1341, Bangladesh; Saha D., Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Perak, Bandar Seri Iskandar, 32610, Malaysia; Al-Bawri S.S., Space Science Centre, Climate Change Institute, Universiti Kebangsaan Malaysia (UKM), Bangi, 43600, Malaysia, Department of Electronics & Communication Engineering, Faculty of Engineering & Petroleum, Hadhramout University, Hadhramout, Al-Mukalla, 50512, Yemen; Paul L.C., Department of Electrical, Electronic and Communication Engineering, Pabna University of Science and Technology, Pabna, Bangladesh; Rahman M.A., Space Science Centre, Climate Change Institute, Universiti Kebangsaan Malaysia (UKM), Bangi, 43600, Malaysia; Alshanketi F., Department of Computer Science, Jazan University, Jazan, Saudi Arabia; Alhazmi A., Department of Information Technology and Security, Jazan University, Jazan, 45142, Saudi Arabia; Rambe A.H., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia; Zakariya M.A., Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Perak, Bandar Seri Iskandar, 32610, Malaysia; Ba Hashwan S.S., Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, Perak, Bandar Seri Iskandar, 32610, Malaysia	Bangladesh, Malaysia, Yemen, Saudi Arabia
231	Suherman; Abdullah I.; Sabri M.; Turmuzi M.; Silitonga A.S.; Dharma S.; Yusfiani M.	A Review of Properties, Engine Performance, Emission Characteristics and Material Compatibility Biodiesel From Waste Cooking Oil (WCO)	2023	Automotive Experiences	Suherman, Department of Mechanical Engineering, Universitas Muhammadiyah Sumatera Utara, Medan, 20238, Indonesia, Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Abdullah I., Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Sabri M., Department of Mechanical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Turmuzi M., Department of Chemical Engineering, University of Sumatera Utara, Medan, 20155, Indonesia; Silitonga A.S., Department of Mechanical Engineering, Politeknik Negeri Medan, Medan, 20155, Indonesia, Center for Technology in Water and Wastewater, School of Civil and Environmental Engineering, Faculty of Engineering and Information Technology, University of Technology Sydney, Sydney, 2007, NSW, Australia; Dharma S., Department of Mechanical Engineering, Politeknik Negeri Medan, Medan, 20155, Indonesia; Yusfiani M., Department of Chemistry Education, State University of Medan, Medan, 20211, Indonesia	Australia
232	Iswanto A.H.; Lubis M.A.R.; Sutiawan J.; Al-Edrus S.S.O.; Lee S.H.; Antov P.; Kristak L.; Reh R.; Mardawati E.; Santoso A.; Kusumah S.S.	Latest Advancements in the Development of High-Performance Lignin- and Tannin-Based Non-Isocyanate Polyurethane Adhesive for Wood Composites	2023	Polymers	Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, National Research and Innovation Agency, Bandung, 40600, Indonesia; Sutiawan J., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Al-Edrus S.S.O., Institute of Tropical Forestry and Forest Products, Universiti Putra Malaysia (UPM), Serdang, 43400, Malaysia; Lee S.H., Department of Wood Industry, Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Kampus Jengka, Pahang, 26400, Malaysia; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Reh R., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery between BRIN and Universitas Padjadjaran, National Research and Innovation Agency, Bandung, 40600, Indonesia, Department of Agro-Industrial Technology, Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Santoso A., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Kusumah S.S., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia	Malaysia, Slovakia

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233	Lin M.-H.; Sivaraman R.; Nan Z.; Rahardja U.; Muda I.; Fahim F.S.; Bashar B.S.; Li L.; Husein I.	Capacity Optimization Design of Hybrid Energy Power Generation System	2023	Mathematical Modelling of Engineering Problems	Lin M.-H., Department of Electrical Engineering, Cheng Shiu University, Kaohsiung, 83301, Taiwan; Sivaraman R., Dwaraka Doss Goverdhan Doss Vaishnav College, University of Madras, Arumbakkam, Chennai, 600005, India; Nan Z., International College, Krirk University, Bangkok, 10220, Thailand; Rahardja U., Faculty of Science and Technology, Jl. Jenderal Sudirman No.40, RT.002/RW.006, Cikokol, Kec. Tangerang, Banten, Kota Tangerang, 15117, Indonesia; Muda I., Department of Doctoral Program, Faculty Economic and Business, Universitas Sumatera Utara, Medan, 20222, Indonesia; Fahim F.S., Anesthesia Techniques Department, Al-Mustaqbal University College, Babylon, 51001, Iraq; Bashar B.S., Department of Computer Engineering Techniques, Al-Nisour University College, Baghdad, 10001, Iraq; Li L., International College, Krirk University, Bangkok, 10220, Thailand; Husein I., Department of Mathematics, Universitas Islam Negeri Sumatera Utara, Medan, 20134, Indonesia	Taiwan, Thailand, Iraq
234	Alwany A.B.; Youssef G.M.; Samir O.M.; Algradee M.A.; A.Yahya N.A.; Swillam M.A.; Humaidi S.; Abd-Shukor R.	Annealing temperature effects on the size and band gap of ZnS quantum dots fabricated by co-precipitation technique without capping agent	2023	Scientific Reports	Alwany A.B., Physics Department, Faculty of Science, Ibb University, Ibb, Yemen, Laboratory of Materials Sciences and Solar Cells, Physics Department, Faculty of Science, Ain Shams University, Cairo, Abbasia, Egypt; Youssef G.M., Laboratory of Materials Sciences and Solar Cells, Physics Department, Faculty of Science, Ain Shams University, Cairo, Abbasia, Egypt; Samir O.M., Physics Department, Faculty of Science, Ibb University, Ibb, Yemen, Engineering College, Aljanad University for Science and Technology, Taiz, Yemen; Algradee M.A., Physics Department, Faculty of Science, Ibb University, Ibb, Yemen; A.Yahya N.A., Physics Department, Thamar University, Thamar, Yemen, Department of Physics, School of Sciences and Engineering, American University in Cairo, Cairo, New Cairo, 11835, Egypt; Swillam M.A., Department of Physics, School of Sciences and Engineering, American University in Cairo, Cairo, New Cairo, 11835, Egypt; Humaidi S., Post Graduate Program (Physics), FMIPA, Universitas Sumatera Utara, Jln Bioteknologi No.1, Medan, 20155, Indonesia; Abd-Shukor R., Department of Applied Physics, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia	Yemen, Egypt, Malaysia
235	Khairunnisa S.; Soeroso N.N.; Abdullah M.; Siahaan L.; Eyoer P.C.; Daulay E.R.; Wahyuningsih R.; Denning D.W.	Factors influencing histoplasmosis incidence in multidrug-resistant pulmonary tuberculosis patients: A cross-sectional study in Indonesia	2023	Narra J	Khairunnisa S., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Prof Chairuddin Panusunan Lubis USU Hospital/H. Adam Malik General Hospital, Medan, Indonesia; Soeroso N.N., Division of Thoracic Oncology, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine Universitas Sumatera Utara, Prof. Chairuddin Panusunan Lubis Universitas Sumatera Utara Hospital, Medan, Indonesia; Abdullah M., Division of Pulmonary Infection, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Siahaan L., Department of Parasitology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Eyoer P.C., Department of Community and Preventive Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Daulay E.R., Departement of Radiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Wahyuningsih R., Department of Parasitology, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Denning D.W., Manchester Fungal Infection Group, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, United Kingdom	United Kingdom
236	Khafka E.; Teta J.; Philippov D.I.; Kostyrin E.V.; Leelang S.; Nikolaeva I.V.; Maramygin M.S.; Ruban-Lazareva N.V.; Muda I.; Dudnik O.V.	Private Health Insurance in the Post-Pandemic Era: Spatial Econometric Market Development Analysis	2023	Emerging Science Journal	Khafka E., Department of Production and Management, Polytechnic University of Tirana, Tirana, Albania; Teta J., Department of Production and Management, Polytechnic University of Tirana, Tirana, Albania; Philippov D.I., Plekhanov Russian University of Economics, Moscow, Russian Federation; Kostyrin E.V., Bauman Moscow State Technical University, Moscow, Russian Federation; Leelang S., Universiti Sains Malaysia, George Town, Malaysia; Nikolaeva I.V., M.K. Ammosov North-Eastern Federal University, Yakutsk, Russian Federation; Maramygin M.S., Ural State University of Economics, Yekaterinburg, Russian Federation; Ruban-Lazareva N.V., Financial University under the Government of the Russian Federation, Moscow, Russian Federation; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Dudnik O.V., I.M. Sechenov First Moscow State Medical University, Moscow, Russian Federation	Albania, Rusia, Malaysia

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237	Ganie M.W.; Nainggolan I.R.A.; Bestari R.; Hazidar A.H.; Hasibuan M.; Siregar J.; Ichwan M.; Kusumawati R.L.; Lubis I.N.D.	Use of saliva as an alternative diagnostic method for diagnosis of COVID-19	2023	IJID Regions	Ganie M.W., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Nainggolan I.R.A., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Bestari R., Faculty of Medicine, Universitas Islam Sumatera Utara, Medan, Indonesia; Hazidar A.H., Faculty of Computer Science and information Technology, Universitas Muhammadiyah Sumatera Utara, Medan, Indonesia, Institute IR 4.0, Universiti Kebangsaan Malaysia, Bangi, Malaysia; Hasibuan M., Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Siregar J., Department of Clinical Pathology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Ichwan M., Department of Pharmacology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Kusumawati R.L., Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Lubis I.N.D., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Menzies School of Health Research, Darwin, Australia	Australia
238	Devina C.; Nasution B.B.; Kusumawati R.L.; Daulay R.S.; Trisnawati Y.; Lubis I.N.D.	Sensitivity of nasopharyngeal swab and saliva specimens in the detection of SARS-CoV-2 virus among boarding school girls	2023	IJID Regions	Devina C., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Nasution B.B., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Kusumawati R.L., Department of Clinical Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Daulay R.S., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Trisnawati Y., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Lubis I.N.D., Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Menzies School of Health Research, Darwin, Australia	Australia
239	Hazim H.T.; Kaur C.; Srivastava S.; Muda I.; Anandaram H.C.; Ansari M.S.A.	A novel vehicle tracking approach using random forest classifier for disaster management system along with R-CNN for enhancing the performance	2023	AIP Conference Proceedings	Hazim H.T., University of Misan, Amarah, Iraq; Kaur C., Jazan University, Jazan, Saudi Arabia; Srivastava S., Rajkiya Engineering College Azamgarh, UP, India; Muda I., Universitas Sumatera Utara, Indonesia; Anandaram H.C., Amrita Vishwa Vidyapeetham Coimbatore Tamil Nadu, India; Ansari M.S.A., University of Bahrain, Southern Governorate, Sakhir, Bahrain	Iraq, Saudi Arabia, India, Bahrain
240	Suri I.F.; Purusatama B.D.; Kim J.H.; Hidayat W.; Hwang W.J.; Iswanto A.H.; Park S.Y.; Lee S.H.; Kim N.H.	Durability of heat-treated Paulownia tomentosa and Pinus koraiensis woods in palm oil and air against brown- and white-rot fungi	2023	Scientific Reports	Suri I.F., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea, Department of Forestry, Faculty of Agriculture, University of Lampung, Bandar Lampung, 35145, Indonesia; Purusatama B.D., Institute of Forest Science, Kangwon National University, Chuncheon, 24341, South Korea; Kim J.H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Hidayat W., Department of Forestry, Faculty of Agriculture, University of Lampung, Bandar Lampung, 35145, Indonesia; Hwang W.J., Wood Engineering Division, Forest Products and Industry Department, National Institute of Forest Science, Seoul, 02455, South Korea; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Deli Serdang, 20353, Indonesia; Park S.Y., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Lee S.H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Kim N.H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea	South Korea

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241	Zhang M.; Wong W.-K.; Kim Oanh T.T.; Muda I.; Islam S.; Hishan S.S.; Abduvaxitovna S.Z.	Regulating environmental pollution through natural resources and technology innovation: Revisiting the environment Kuznet curve in China through quantile-based ARDL estimations	2023	Resources Policy	Zhang M., School of Management and Economics, Beijing Institute of Technology, Beijing, China; Wong W.-K., Department of Finance, Fintech Center, And Big Data Research Center, Asia University, Taichung, 41354, Taiwan, Department of Medical Research, China Medical University Hospital, Taichung, 40447, Taiwan, Department of Economics and Finance, Hang Seng University of Hong Kong, Hong Kong, 999077, China; Kim Oanh T.T., Vinh University, Nghe An, Viet Nam; Muda I., Faculty Economic and Business, Universitas Sumatera Utara, Medan, Indonesia; Islam S., Civil Engineering Department, College of Engineering, King Khalid University, Abha, 61421, Saudi Arabia; Hishan S.S., Affiliate Member Centre for Markets, Value & Inclusion, University of South Australia, Australia; Abduvaxitovna S.Z., Department of Finance, Tashkent State University of Economics, Uzbekistan	China, Taiwan, Viet Nam, Saudi Arabia, Australia, Uzbekistan
242	Thriemer K.; Commons R.J.; Rajasekhar M.; Degaga T.S.; Chand K.; Chau N.H.; Assefa A.; Naddim M.N.; Pasaribu A.P.; Rahim A.G.; Sutanto I.; Hien T.T.; Hailu A.; Hasanzai M.A.; Ekawati L.L.; Woyessa A.; Teferi T.; Waithira N.; Taylor W.R.J.; Ley B.; Dondorp A.; Baird J.K.; White N.J.; Day N.P.; Price R.N.; Simpson J.A.; von Seidlein L.	The heterogeneity of symptom reporting across study sites: a secondary analysis of a randomised placebo-controlled multicentre antimalarial trial	2023	BMC Medical Research Methodology	Thriemer K., Global and Tropical Health Division, Menzies School of Health Research and Charles Darwin University, Darwin, Australia; Commons R.J., Global and Tropical Health Division, Menzies School of Health Research and Charles Darwin University, Darwin, Australia, Medical Services, Grampians Health Ballarat, Ballarat, Australia; Rajasekhar M., Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, University of Melbourne, Melbourne, VIC, Australia; Degaga T.S., College of Medicine & Health Sciences, Arbaminch University, Arbaminch, Ethiopia; Chand K., Oxford University Clinical Research Unit, Jakarta, Indonesia, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Chau N.H., Oxford University Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Viet Nam; Assefa A., Ethiopian Public Health Institute, Addis Ababa, Ethiopia, Institute for Global Health and Infectious Disease, Chapel Hill, NC, United States; Naddim M.N., Health Protection and Research Organisation, Kabul, Afghanistan; Pasaribu A.P., Universitas Sumatera Utara, Medan, Indonesia; Rahim A.G., Nangarhar Medical Faculty, Ministry of Higher Education, Nangarhar University, Jalalabad, Afghanistan; Sutanto I., Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Hien T.T., Oxford University Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Viet Nam; Hailu A., College of Health Sciences, Addis Ababa University, Addis Ababa, Ethiopia; Hasanzai M.A., Health Protection and Research Organisation, Kabul, Afghanistan; Ekawati L.L., Oxford University Clinical Research Unit, Jakarta, Indonesia, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Woyessa A., Ethiopian Public Health Institute, Addis Ababa, Ethiopia; Teferi T., Arba Minch General Hospital, Arba Minch, Ethiopia; Waithira N., Mahidol Oxford Tropical Medicine Research Unit, Bangkok, Thailand; Taylor W.R.J., Mahidol Oxford Tropical Medicine Research Unit, Bangkok, Thailand, Centre for Tropical Medicine, Nuffield Department of Medicine, University of Oxford, Oxford, United Kingdom; Ley B., Global and Tropical Health Division, Menzies School of Health Research and Charles Darwin University, Darwin, Australia; Dondorp A., Mahidol Oxford Tropical	Australia, Ethiopia, Afghanistan, Viet Nam, Thailand, United Kingdom

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243	Darmadi D.; Gardanova Z.R.; Mikhailova M.V.; Al-Qaim Z.H.; Kostyrin E.V.; Kosov M.E.; Vasiljeva M.V.	Enhancing Global Health System Resilience and Sustainability Post-COVID-19: A Grounded Theory Approach	2023	Emerging Science Journal	Darmadi D., Department of Internal Medicine, Faculty of Medicine, Universitas Sumatera Utara, North Sumatera, Medan, 20155, Indonesia; Gardanova Z.R., Department of Psychotherapy, Pirogov Russian National Research Medical University, Moscow, 117997, Russian Federation, Department of Fundamental Disciplines, Independent Non-profit Organization of Higher Education "Medical University MGIMOMED", Moscow Region, Russian Federation; Mikhailova M.V., Department of Prosthetic Dentistry, I.M. Sechenov First Moscow State Medical University, Moscow, Russian Federation; Al-Qaim Z.H., Department of Anesthesia Techniques, Al-Mustaqbal University College, Hilla, 51001, Iraq; Kostyrin E.V., Department of Finances, Bauman Moscow State Technical University, Moscow, Russian Federation; Kosov M.E., Department of Public Finance, Financial University under the Government of the Russian Federation, Moscow, Russian Federation, Department of State and Municipal Finance, Plekhanov Russian University of Economics, Moscow, Russian Federation, Legal Management Institute HSLA, HSE University, Moscow, Russian Federation; Vasiljeva M.V., Autonomous Non-Profit Organization "Publishing House Scientific Review" (Nauchnoe Obozrenie), Moscow, Russian Federation	Rusia, Iraq
244	Gea S.; Putra I.B.; Lindarto D.; Pasaribu K.M.; Saraswati Y.; Karina M.; Goei R.; Tok A.I.Y.	Bacterial cellulose impregnated with andaliman (Zanthoxylum acanthopodium) microencapsulation as diabetic wound dressing	2023	International Journal of Biological Macromolecules	Gea S., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia, Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Putra I.B., Department of Dermatology and Venerology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Lindarto D., Department of Internal Medicine, School of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Pasaribu K.M., Cellulosic and Functional Materials Research Centre, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency of Indonesia (BRIN), Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery, BRIN – UNPAD, Jatiningor, 45363, Indonesia, Research Collaboration Center for Nanocellulose, BRIN - UNAND, Padang, 25163, Indonesia; Saraswati Y., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Karina M., Research Center for Biomass and Bioproducts, National Research and Innovation Agency of Indonesia (BRIN), Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery, BRIN – UNPAD, Jatiningor, 45363, Indonesia, Research Collaboration Center for Nanocellulose, BRIN - UNAND, Padang, 25163, Indonesia; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Block N4.1, 637335, Singapore; Tok A.I.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Block N4.1, 637335, Singapore	Singapore
245	Siregar Y.; Tanaka Y.	Numerical analysis in Ar-H2 coupled-coil inductively coupled thermal plasma with Si feedstock for stable operation	2023	International Journal of Electrical and Computer Engineering	Siregar Y., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia; Tanaka Y., Faculty of Electrical Engineering and Computer Science, Kanazawa University, Kanazawa, Japan	Japan
246	Hastuty I.P.; Anas R.; Ahmad F.; Roesyanto; Chikita; Amalia S.	Identification of slope angle along Medan-Berastagi road using geographic information system (GIS)	2023	AIP Conference Proceedings	Hastuty I.P., Department of Civil Engineering, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU, Sumatera Utara, Medan, 20155, Indonesia; Anas R., Department of Civil Engineering, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU, Sumatera Utara, Medan, 20155, Indonesia; Ahmad F., School of Civil Engineering, Universiti Sains Malaysia, Nibong Tebal Penang, 14300, Malaysia; Roesyanto, Department of Civil Engineering, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU, Sumatera Utara, Medan, 20155, Indonesia; Chikita, Department of Civil Engineering, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU, Sumatera Utara, Medan, 20155, Indonesia; Amalia S., Department of Civil Engineering, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU, Sumatera Utara, Medan, 20155, Indonesia	Malaysia

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247	Hibino K.; Intan T.K.; Nuzir F.A.; Sriyanto D.; Gamaralalage P.J.D.	Are waste banks a key contributor to recycling in Indonesia? Case study of Medan city	2023	AIP Conference Proceedings	Hibino K., Kitakyushu Urban Centre, Institute for Global Environmental Strategies, International Village Center, 3F, 1-1-1, Hirano, Yahatahigashi-ku, Kitakyushu, Fukuoka, 805-0062, Japan; Intan T.K., Master Program in Biomedical Sciences, Faculty of Medicine, University of North Sumatra, Jalan Dr. Mansyur No. 5, Padang Bulan, Kec. Medan Baru, Sumatera Utara, Kota Medan, 20155, Indonesia; Nuzir F.A., Faculty of Engineering, Universitas Bandar Lampung, Jl. Z.A. Pagar Alam No. 26, Labuhan Ratu, Bandarlampung, Lampung, 35142, Indonesia; Sriyanto D., Sekolah Tinggi Ilmu Ekonomi Graha Kirana, Jalan Kirana No.20-22, Medan Petisah, Sumatera Utara, Medan, 20112, Indonesia; Gamaralalage P.J.D., IGES, Centre Collaborating with UNEP on Environmental Technologies, Institute for Global Environmental Strategies, 2108-11 Kamiyamaguchi, Hayama, Kanagawa, 240-0115, Japan	Japan
248	Dong Y.; Wong W.-K.; Muda I.; Cong P.T.; Duong Hoang A.; Ghardallou W.; Ha N.N.	Do natural resources utilization and economic development reduce greenhouse gas emissions through consuming renewable and Clean Technology? A case study of China towards sustainable development goals	2023	Resources Policy	Dong Y., School of Management, Hebei GEO University, Hebei, Shijiazhuang, 050031, China; Wong W.-K., Department of Finance, Fintech Center, Big Data Research Center, Asia University, Taichung, 41354, Taiwan, Department of Medical Research, China Medical University Hospital, Taichung, 40447, Taiwan, Department of Economics and Finance, Hang Seng University of Hong Kong, 999077, China; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Cong P.T., Faculty of Economics, Thuongmai University, Hanoi, Viet Nam; Duong Hoang A., Faculty of Economics, Thuongmai University, Hanoi, Viet Nam; Ghardallou W., Department of Accounting, College of Business Administration, Princess Nourah bint Abdulrahman University, P.O.Box 84428, Riyadh, 11671, Saudi Arabia; Ha N.N., Faculty of Economics, Thuongmai University, Hanoi, Viet Nam	Taiwan, China, Viet Nam, Saudi Arabia
249	Siregar Y.; Muhammad M.; Arief Y.Z.; Mubarakah N.; Soeharwinto; Dinzi R.	Dynamic voltage restorer quality improvement analysis using particle swarm optimization and artificial neural networks for voltage sag mitigation	2023	International Journal of Electrical and Computer Engineering	Siregar Y., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Muhammad M., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Arief Y.Z., Department of Electrical and Electronic Engineering, Faculty of Engineering, Universiti Malaysia Sarawak, Samarahan, Malaysia; Mubarakah N., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Soeharwinto, Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Dinzi R., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia	Malaysia

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250	Basyuni M.; Wirasatriya A.; Iryanthony S.B.; Amelia R.; Slamet B.; Sulistiyono N.; Pribadi R.; Sumarga E.; Eddy S.; Al Mustaniroh S.S.; Sasmito S.D.; Sidik F.; Kajita T.; Ali H.M.; Macklin P.A.; Arifanti V.B.	Aboveground biomass and carbon stock estimation using UAV photogrammetry in Indonesian mangroves and other competing land uses	2023	Ecological Informatics	Basyuni M., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Wirasatriya A., Coastal and Ocean Remote Sensing Laboratory, Center for Coastal Rehabilitation and Disaster Mitigation Studies, Universitas Diponegoro, Semarang, 50275, Indonesia, Department of Oceanography, Faculty of Fisheries and Marine Science, Universitas Diponegoro, Semarang, 50275, Indonesia; Iryanthony S.B., Coastal and Ocean Remote Sensing Laboratory, Center for Coastal Rehabilitation and Disaster Mitigation Studies, Universitas Diponegoro, Semarang, 50275, Indonesia; Amelia R., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Slamet B., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sulistiyono N., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Pribadi R., Department of Oceanography, Faculty of Fisheries and Marine Science, Universitas Diponegoro, Semarang, 50275, Indonesia; Sumarga E., School of Life Sciences and Technology, Institut Teknologi Bandung, Bandung, 40132, Indonesia; Eddy S., Department of Environmental Science, Faculty of Natural Sciences and Technology, Universitas PGRI Palembang, Palembang, 30251, Indonesia; Al Mustaniroh S.S., Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sasmito S.D., NUS Environmental Research Institute, National University of Singapore, Singapore; Sidik F., Research Center for Oceanography, National Research and Innovation Agency, Jakarta, 14430, Indonesia; Kajita T., Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus Taketomi, Okinawa, 907-1541, Japan; Ali H.M., Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia; Macklin P.A., Department of Chemical Analysis, Faculty of Mathematics and Natural Sciences, Universitas Husin A., Environmental Engineering Study Program, Faculty of Engineering, Universitas Sumatera Utara, Jl. Almamater Kampus USU, Medan, 20155, Indonesia; Nurfaahadi M., Environmental Engineering Study Program, Faculty of Engineering, Universitas Sumatera Utara, Jl. Almamater Kampus USU, Medan, 20155, Indonesia; Bari M.F., Departement of Biochemistry and Molecular Biology, Trust University Barisal Ruiya, Nabogram Road, Barisal, Bangladesh; Supriharti D., Department of Biology, Faculty of MIPA, Universitas Sumatera Utara, Jl. AlmamaterKampus USU, Medan, 20155, Indonesia; Lubis L.H., Graduate Student of Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jl. AlmamaterKampus USU, Medan, 20155, Indonesia	Singapore, Japan, Saudi Arabia
251	Husin A.; Nurfaahadi M.; Bari M.F.; Supriharti D.; Lubis L.H.	Kinetics of cassava dregs hydrolysis using a dilute-acid catalyst	2023	AIP Conference Proceedings	Husin A., Environmental Engineering Study Program, Faculty of Engineering, Universitas Sumatera Utara, Jl. Almamater Kampus USU, Medan, 20155, Indonesia; Nurfaahadi M., Environmental Engineering Study Program, Faculty of Engineering, Universitas Sumatera Utara, Jl. Almamater Kampus USU, Medan, 20155, Indonesia; Bari M.F., Departement of Biochemistry and Molecular Biology, Trust University Barisal Ruiya, Nabogram Road, Barisal, Bangladesh; Supriharti D., Department of Biology, Faculty of MIPA, Universitas Sumatera Utara, Jl. AlmamaterKampus USU, Medan, 20155, Indonesia; Lubis L.H., Graduate Student of Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jl. AlmamaterKampus USU, Medan, 20155, Indonesia	Bangladesh
252	Kethineni B.; Muda I.; Prodanova N.; Askar S.; Abdullaev S.; Shamel A.; Mikaeilvand N.	Performance assessment of hybrid PEMFC-solar energy integrated hybrid multi-generation system for energy production sport buildings	2023	Journal of Chemical Physics	Kethineni B., Vignans Foundation for Science, Technology & Research, Vadlamudi, Guntur, India; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Prodanova N., Basic Department of Financial Control, Analysis and Audit, Plekhanov Russian University of Economics, 36 Stremyanny Lane, Moscow, 117997, Russian Federation; Askar S., Erbil Technical Engineering College, Erbil Polytechnic University, Erbil, Iraq, Arcella Telecom, Erbil, Iraq; Abdullaev S., Faculty of Chemical Engineering, New Uzbekistan University, Tashkent, Uzbekistan, Engineering School, Central Asian University, Tashkent, Uzbekistan, Scientific and Innovation Department, Tashkent State Pedagogical University Named After Nizami, Tashkent, Uzbekistan; Shamel A., Department of Chemistry, Ardabil Branch, Islamic Azad University, Ardabil, Iran; Mikaeilvand N., Department of Mathematics, Ardabil Branch, Islamic Azad University, Ardabil, Iran	India, Rusia, Iraq, Uzbekistan, Iran

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253	Candra A.; Darge H.F.; Ahmed Y.W.; Saragi I.R.; Kitaw S.L.; Tsai H.-C.	Eco-benign synthesis of nano-gold chitosan-bacterial cellulose in spent ground coffee kombucha consortium: Characterization, microbiome community, and biological performance	2023	International Journal of Biological Macromolecules	Candra A., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Darge H.F., Centre for Ocular Research & Education (CORE), School of Optometry and Vision Science, University of Waterloo, Waterloo, Canada, College of Medicine and Health Science, Bahir Dar University, Bahir Dar, 79, Ethiopia; Ahmed Y.W., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Saragi I.R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Kitaw S.L., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan; Tsai H.-C., Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, Advanced Membrane Materials Center, National Taiwan University of Science and Technology, Taipei, 106, Taiwan, R&D Center for Membrane Technology, Chung Yuan Christian University, Chungli, Taoyuan, 320, Taiwan	Taiwan, Canada, Ethiopia
254	Jufrizal; Napitupulu F.H.; Ilmi; Ambarita H.; Supriatno; Irwanto M.	Integration of a Gamma-Type Stirling Engine with LPG Cooking Stove for Micro-Scale Combined Heat and Power Generation	2023	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	Jufrizal, Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Mechanical Engineering, Faculty of Engineering, Universitas Medan Area, Medan, 20223, Indonesia; Napitupulu F.H., Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ilmi, Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ambarita H., Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Supriatno, Department of Mechanical Engineering, Faculty of Engineering, Universitas Medan Area, Medan, 20223, Indonesia; Irwanto M., Center of Excellence for Renewable Energy, Universiti Malaysia Perlis, Perlis, Arau, 02600, Malaysia	Malaysia
255	Saktioto; Defrianto; Thoibah A.; Soerbakti Y.; Syahputra R.F.; Syamsudhuha; Irawan D.; Hairi H.; Okfalisa; Amelia R.	Simplified Kinetic Model of Heart Pressure for Human Dynamical Blood Flow	2023	Indonesian Journal of Electrical Engineering and Informatics	Saktioto, Department of Physics, Universitas Riau, Pekanbaru, Indonesia; Defrianto, Department of Physics, Universitas Riau, Pekanbaru, Indonesia; Thoibah A., Department of Physics, Universitas Riau, Pekanbaru, Indonesia; Soerbakti Y., Department of Physics, Universitas Riau, Pekanbaru, Indonesia; Syahputra R.F., Department of Physics, Universitas Muhammadiyah Riau, Pekanbaru, Indonesia; Syamsudhuha, Department of Mathematics, Universitas Riau, Pekanbaru, Indonesia; Irawan D., Department of Physics Education, Universitas Riau, Pekanbaru, Indonesia; Hairi H., Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Malaysia; Okfalisa, Department of Informatics Engineering, Universitas Islam Negeri Sultan Syarif Kasim, Pekanbaru, Indonesia; Amelia R., Department of Community Medicine, Universitas Sumatera Utara, Medan, Indonesia	Malaysia

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256	Anggini A.W.; Lubis M.A.R.; Sari R.K.; Papadopoulos A.N.; Antov P.; Iswanto A.H.; Lee S.H.; Mardawati E.; Kristak L.; Juliana I.	Cohesion and Adhesion Performance of Tannin-Glyoxal Adhesives at Different Formulations and Hardener Types for Bonding Particleboard Made of Areca (Areca catechu) Leaf Sheath	2023	Polymers	Anggini A.W., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery, BRIN, Universitas Padjadjaran, Jatinangor, 45363, Indonesia; Sari R.K., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Papadopoulos A.N., Laboratory of Wood Chemistry and Technology, Department of Forestry and Natural Environment, International Hellenic University, Drama, GR-661 00, Greece; Antov P., Faculty of Forest Industry, University of Forestry, Sofia, 1797, Bulgaria; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Kwala Bekala Campus, Medan, 20355, Indonesia; Lee S.H., Department of Wood Industry, Faculty of Applied Sciences, Universiti Teknologi MARA Pahang Branch Jengka Campus, Bandar Tun Razak, 40450, Malaysia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery, BRIN, Universitas Padjadjaran, Jatinangor, 45363, Indonesia, Department of Agro-Industrial Technology, Universitas Padjadjaran, Jatinangor, 45363, Indonesia; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Juliana I., PT. Greenie Alam Indonesia, Serpong, South Tangerang, 15310, Indonesia	Bulgaria, Malaysia, Slovakia
257	Sibagariang Y.P.; Napitupulu F.H.; Kawai H.; Ambarita H.	Study on the effect of oil palm shells on fresh water productivity of double slope solar still	2023	Journal of Energy Storage	Sibagariang Y.P., Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Napitupulu F.H., Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Kawai H., Mechanical Engineering, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran, 050-8585, Japan; Ambarita H., Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia	Japan
258	Suri I.F.; Purusatama B.D.; Kim J.-H.; Hidayat W.; Iswanto A.H.; Park S.-Y.; Lee S.-H.; Kim N.-H.	Artificial Weathering Effects on the Physical and Chemical Properties of Paulownia tomentosa and Pinus koraiensis Woods Heat-Treated in Oil and Air	2023	Forests	Suri I.F., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea, Department of Forestry, Faculty of Agriculture, University of Lampung, Bandar Lampung, 35145, Indonesia; Purusatama B.D., Institute of Forest Science, Kangwon National University, Chuncheon, 24341, South Korea; Kim J.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Hidayat W., Department of Forestry, Faculty of Agriculture, University of Lampung, Bandar Lampung, 35145, Indonesia; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Park S.-Y., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Lee S.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Kim N.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea	South Korea

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259	Savero A.M.; Kim J.-H.; Purusatama B.D.; Prasetya D.; Wahyudi I.; Iswanto A.H.; Park B.-H.; Lee S.-H.; Kim N.-H.	Macroscopic and Microscopic Anatomical Characteristics of Six Korean Oak Species	2023	Forests	Savero A.M., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Kim J.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Purusatama B.D., Institute of Forest Science, Kangwon National University, Chuncheon, 24341, South Korea; Prasetya D., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Wahyudi I., Faculty of Forestry and Environment, Institut Pertanian Bogor, Bogor, 16680, Indonesia; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Park B.-H., Department of Living Art Design, Kangwon National University, Samcheok, 25913, South Korea; Lee S.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea; Kim N.-H., Department of Forest Biomaterials Engineering, College of Forest and Environmental Sciences, Kangwon National University, Chuncheon, 24341, South Korea	South Korea
260	Rahayu S.U.; Wang Y.-R.; Shi J.-B.; Lee M.-W.	AgInS <sub>2</sub> /CdSe type-II core/shell quantum dot-sensitized solar cells with an efficiency of 11.75% under 0.1 sun	2023	Sustainable Energy and Fuels	Rahayu S.U., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan, Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia; Wang Y.-R., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan; Shi J.-B., Department of Electronic Engineering, Feng Chia University, Taichung, 40724, Taiwan; Lee M.-W., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan	Taiwan
261	Kurniawan R.; Budi Alamsyah A.R.; Fudholi A.; Purwanto A.; Sumargo B.; Gio P.U.; Wongsonadi S.K.; Hadi Susanto A.E.	Impacts of industrial production and air quality by remote sensing on nitrogen dioxide concentration and related effects: An econometric approach	2023	Environmental Pollution	Kurniawan R., Department of Statistical Computing, Politeknik Statistika STIS, Bidaracina, Jakarta, 13330, Indonesia, Department of Population and Environmental Education, Faculty of Post-Graduate, State University of Jakarta, Rawamangun, Jakarta, 13220, Indonesia; Budi Alamsyah A.R., Department of Statistical Computing, Politeknik Statistika STIS, Bidaracina, Jakarta, 13330, Indonesia; Fudholi A., Solar Energy Research Institute, Universiti Kebangsaan Malaysia, Selangor, Bangi, 43600, Malaysia, Research Center for Energy Conversion and Conservation, National Research and Innovation Agency (BRIN), Indonesia; Purwanto A., Department of Population and Environmental Education, Faculty of Post-Graduate, State University of Jakarta, Rawamangun, Jakarta, 13220, Indonesia; Sumargo B., Department of Statistics, Faculty of Mathematics and Natural Science, State University of Jakarta, Rawamangun, Jakarta, 13220, Indonesia; Gio P.U., Department of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Wongsonadi S.K., Department of Community Education, Faculty of Education, State University of Jakarta, Rawamangun, Jakarta, 13220, Indonesia; Hadi Susanto A.E., Department of Population and Environmental Education, Faculty of Post-Graduate, State University of Jakarta, Rawamangun, Jakarta, 13220, Indonesia, Lembaga Ketahanan Nasional (Lemhannas), Jakarta, Indonesia	Malaysia

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262	Karimah A.; Solihat N.N.; Hastuti N.; Ismayati M.; Ermawar R.A.; Sohail A.; Iswanto A.H.; Ariyanta H.A.; Ilyas R.A.; Dungani R.; Fatiasari W.	The Effect of Active Alkali and Sulphidity Loading on the Kraft Pulp Properties of Sweet Sorghum Bagasse	2023	Sugar Tech	Karimah A., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia, Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Solihat N.N., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia; Hastuti N., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia; Ismayati M., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass-Based Nano Cosmetic, in Collaboration With Mulawarman University and BRIN, East Kalimantan, Samarinda, 75119, Indonesia; Ermawar R.A., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass-Based Nano Cosmetic, in Collaboration With Mulawarman University and BRIN, East Kalimantan, Samarinda, 75119, Indonesia; Sohail A., Department of Chemistry, Lahore College for Women University, Jail Road, Lahore, Pakistan; Iswanto A.H., Department of Forest Product, Faculty of Forestry, Universitas Sumatera Utara, Kampus USU Padang Bulan, North Sumatra, Medan, 20155, Indonesia, JATI-Sumatran Forestry Analysis Study Center, Jl. Tridharma Ujung No. 1, Kampus USU, North Sumatra, Medan, Indonesia; Ariyanta H.A., Research Center for Biomass and Bioproducts, National Research and Innovation Agency BRIN, Jl Raya Bogor KM 46, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass-Based Nano Cosmetic, in Collaboration With Mulawarman University and BRIN, East Kalimantan, Samarinda, 75119, Indonesia, Departement of Pharmacy, University of Gunadarma, Depok, Indonesia; Ilyas R.A., School of Chemical and Energy Engineering, Faculty of Engineering, Universiti Teknologi Malaysia, Johor, Johor Bahru, 81310, Malaysia, Centre for Advanced Composite Materials (CACM), Universiti Teknologi Malaysia, Johor, Johor Bahru, 81310, Malaysia, Institute of	Pakistan, Malaysia
263	Adida F.; Pandia P.; Pradana A.; Tarigan A.P.; Ashar T.; Dangana A.; Listyoko A.S.	Effectiveness of smartphone application in increasing knowledge on COPD and its non-pharmacological management in COPD patients	2023	Narra J	Adida F., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Department of Pulmonology and Respiratory Medicine, Prof. Chairuddin Panusunan Lubis Universitas Sumatera Utara Hospital, Medan, Indonesia; Pandia P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Prof. Chairuddin Panusunan Lubis Universitas Sumatera Utara Hospital, Medan, Indonesia; Pradana A., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Prof. Chairuddin Panusunan Lubis Universitas Sumatera Utara Hospital, Medan, Indonesia; Tarigan A.P., Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia, Division of Asthma and COPD, Department of Pulmonology and Respiratory Medicine, Prof. Chairuddin Panusunan Lubis Universitas Sumatera Utara Hospital, Medan, Indonesia; Ashar T., Department of Environmental Health, Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia; Dangana A., Department of Medical Laboratory Services, University of Abuja Teaching Hospital, Gwagwalada, Nigeria; Listyoko A.S., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Brawijaya, Malang, Indonesia, Division of Respiratory Medicine and Rheumatology, Department of Multidisciplinary Internal Medicine, Faculty of Medicine, Tottori University, Tottori, Japan	Japan
264	Wu W.; Hon-Wei L.; Yang S.; Muda I.; Xu Z.	Nexus between financial inclusion, workers' remittances, and unemployment rate in Asian economies	2023	Humanities and Social Sciences Communications	Wu W., School of Finance, Chengdu Jincheng College, Sichuan, Chengdu, 610097, China; Hon-Wei L., Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia; Yang S., China Institute of Finance and Capital Markets, China Securities Regulatory Commission, Beijing, 100032, China; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Xu Z., School of Economics and Management, Tsinghua University, Beijing, 100084, China	Malaysia, China

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265	Siburian R.; Tang L.W.; Alias Y.; Tok A.I.Y.; Goei R.; Simanjuntak C.; Tarigan K.; Paiman S.; Goh B.T.; Anshori I.; Kurniawan C.	Coconut waste to green nanomaterial: Large scale synthesis of N-doped graphene nano sheets	2023	Nano-Structures and Nano-Objects	Siburian R., Postgraduate Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Carbon and Frankincense Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia; Tang L.W., Department of Chemistry, Faculty of Science, Universiti Malaya, Kuala Lumpur, 50603, Malaysia; Alias Y., Department of Chemistry, Faculty of Science, Universiti Malaya, Kuala Lumpur, 50603, Malaysia, University Malaya Centre for Ionic Liquids (UMCiL), Universiti Malaya, Kuala Lumpur, 50603, Malaysia; Tok A.I.Y., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Goei R., School of Materials Science and Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore, 639798, Singapore; Simanjuntak C., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia, Carbon and Frankincense Research Center, Universitas Sumatera Utara, Medan, 20155, Indonesia; Tarigan K., Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Paiman S., Physics Department, Faculty of Science, Universiti Putra Malaysia, Serdang, (Serdang) Seri Kembangan, 43400, Malaysia; Goh B.T., Low Dimensional Materials Research Centre, Department of Physics, Faculty of Science, University of Malaya, Kuala Lumpur, 50603, Malaysia; Anshori I., Biomedical Engineering Department, School of Electrical Engineering and Informatics, Bandung Institute of Technology, Bandung, 40132, Indonesia, Research Center of Nanoscience and Nanotechnology, Bandung Institute of Technology, Bandung, 40132, Indonesia; Kurniawan C., Chemistry Department, Faculty of Mathematics and Natural Sciences, Universitas Negeri Semarang, Semarang, 50229, Indonesia, Functional Material Research Center, Universitas Negeri Semarang, Semarang, 50229, Indonesia	Malaysia, Singapore
266	Nasution M.D.T.P.; Rini E.S.; Sembiring B.K.F.S.; Silalahi A.S.; Pahlufi C.K.	Is it practical to utilize AI-powered chatbots in halal marketing communications?	2023	Strategies and Applications of Islamic Entrepreneurship	Nasution M.D.T.P., Universitas Pembangunan Panca Budi, Indonesia; Rini E.S., Universitas Sumatera Utara, North Sumatera, Indonesia; Sembiring B.K.F.S., Universitas Sumatera Utara, North Sumatera, Indonesia; Silalahi A.S., Universitas Sumatera Utara, North Sumatera, Indonesia; Pahlufi C.K., University of Surrey, United Kingdom	United Kingdom
267	Karolina R.; Tarigan J.; Johari M.A.M.; Hardjasaputra H.; Mijarsh M.J.A.	Compressive strength of geopolymer concrete from volcanic ash calcination	2023	AIP Conference Proceedings	Karolina R., Civil Engineering, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia, Integrated Research Laboratory, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia; Tarigan J., Civil Engineering, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia; Johari M.A.M., School of Civil Engineering, Universiti Sains Malaysia, Engineering Campus, Nibong Tebal, Penang, 14300, Malaysia; Hardjasaputra H., Civil Engineering Department, Faculty of Engineering, Universitas Pembangunan Jaya, Tangerang Selatan, Banten, 15413, Indonesia; Mijarsh M.J.A., Civil Engineering Department, Faculty of Engineering, Elmergib University, Al Khums, Libya	Malaysia, Libya
268	Aris S.N.M.; Azmi Z.H.; Sagadevan S.; Abubakar S.; Siburian R.; Paiman S.	Effect of Hexamethylenetetramine of Zinc Oxide Nanowires Using Chemical Bath Deposition Method	2023	Crystal Research and Technology	Aris S.N.M., Department of Physics, Faculty of Science, Universiti Putra Malaysia, UPM, Selangor, Serdang, 43400, Malaysia; Azmi Z.H., Department of Physics, Faculty of Science, Universiti Putra Malaysia, UPM, Selangor, Serdang, 43400, Malaysia; Sagadevan S., Nanotechnology & Catalysis Research Centre, University of Malaya, Kuala Lumpur, 50630, Malaysia; Abubakar S., Department of Physics, Faculty of Science, Universiti Putra Malaysia, UPM, Selangor, Serdang, 43400, Malaysia; Siburian R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia; Paiman S., Department of Physics, Faculty of Science, Universiti Putra Malaysia, UPM, Selangor, Serdang, 43400, Malaysia, Functional Nanotechnology Devices Laboratory (FNDL), Institute of Nanoscience and Nanotechnology, Universiti Putra Malaysia, UPM, Selangor, Serdang, 43400, Malaysia	Malaysia

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269	Ichwani R.; Price S.; Oyewole O.K.; Neamtu R.; Soboyejo W.O.	Using machine learning for prediction of spray coated perovskite solar cells efficiency: From experimental to theoretical models	2023	Materials and Design	Ichwani R., Department of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, 01609, MA, United States; Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Price S., Department of Computer Science, Worcester Polytechnic Institute, Worcester, 01609, MA, United States; Oyewole O.K., Department of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, 01609, MA, United States; Neamtu R., Department of Computer Science, Worcester Polytechnic Institute, Worcester, 01609, MA, United States; Soboyejo W.O., Department of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, 01609, MA, United States	United States
270	Manik T.; Sakai M.; Situmorang R.S.; Kawai H.; Sasaki D.; Oishi Y.; Ambarita H.	Effect of phosphorus on the ant-nest corrosion mechanism	2023	Materials Today Communications	Manik T., Graduate School of Production System Engineering, Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, 27-1, Mizumoto-cho, Muroran, Hokkaido, 050-8585, Japan; Sakai M., Division of Production System Engineering, Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, 27-1, Mizumoto-cho, Muroran, Hokkaido, 050-8585, Japan; Situmorang R.S., Mechanical Engineering, University of Sumatera Utara, Jl. Almamater, Medan, 20155, Indonesia; Kawai H., Database Researcher of Production System Engineering, Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, 27-1, Mizumoto-cho, Muroran, Hokkaido, 050-8585, Japan; Sasaki D., Division of Production System Engineering, Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, 27-1, Mizumoto-cho, Muroran, Hokkaido, 050-8585, Japan; Oishi Y., Database Researcher of Production System Engineering, Department of Mechanical, Aerospace, and Materials Engineering, Muroran Institute of Technology, 27-1, Mizumoto-cho, Muroran, Hokkaido, 050-8585, Japan; Ambarita H., Mechanical Engineering, University of Sumatera Utara, Jl. Almamater, Medan, 20155, Indonesia	Japan
271	Hermawan D.; Pasaribu Y.M.; Muda I.; Abdunazarov S.; Saksono H.; Akhmadeev R.; Al-Khafaji F.A.H.; Alawadi A.H.	On the Priorities of Indonesia's Agricultural Trade: Which Product-Market Combinations Are Economically the Best?	2023	Southeast Asian Journal of Economics	Hermawan D., Institut Teknologi Dan Bisnis STIKOM, Bali, Indonesia; Pasaribu Y.M., Faculty of Art and Design, Institute of Technology Bandung, West Java, Indonesia; Muda I., Department of Doctoral Program, Faculty Economic and Business Universitas Sumatera Utara, Medan, Indonesia; Abdunazarov S., Department of Economics and Management, Jizzak Polytechnic Institute, Jizzakh, Uzbekistan; Saksono H., Research and Development Agency, The Ministry of Home Affairs, Indonesia; Akhmadeev R., Department of Finance and Prices, Plekhanov Russian University of Economics, Russian Federation; Al-Khafaji F.A.H., Department of Media, Al-Mustaqbal University College, Iraq; Alawadi A.H., The Islamic University, Najaf, Iraq	Uzbekistan, Rusia, Iraq
272	Lubis N.D.A.; Haryuna T.S.H.; Khalid K.; Zainul R.	Correlation between signal transducer and activator of transcription 1 (STAT 1), vascular endothelial growth factor (VEGF), and signal to noise ratio (SNR) value in otoacoustic emission (OAE) examination on organ of Corti cochlea due to cisplatin	2023	Medicinski Glasnik	Lubis N.D.A., Department of Otorhinolaryngology, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Haryuna T.S.H., Department of Otorhinolaryngology, Faculty of Medicine, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Khalid K., Malaysian Agricultural Research and Development Institute, Selangor, Malaysia; Zainul R., Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Padang, Padang, Indonesia	Malaysia
273	Naibaho J.; Korzeniowska M.; Julianti E.; Sebayang N.S.; Yang B.	Campaign education and communication to the potential consumers of brewers' spent grain (BSG)-added food products as sustainable foods	2023	Heliyon	Naibaho J., Department of Functional Food Products Development, Faculty of Biotechnology and Food Science, Wrocław University of Environmental and Life Sciences, Wrocław, 51-630, Poland; Korzeniowska M., Department of Functional Food Products Development, Faculty of Biotechnology and Food Science, Wrocław University of Environmental and Life Sciences, Wrocław, 51-630, Poland; Julianti E., Department of Food Technology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sebayang N.S., Department of Food Technology, Faculty of Agriculture, University of Muhammadiyah Palembang, Palembang, 30116, Indonesia; Yang B., Food Chemistry and Food Development, Department of Life Technologies, University of Turku, Turku, 20014, Finland	Poland, Finland

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274	Mawengkang H.; Syahputra M.R.; Sutarman S.; Weber G.W.	Water Distribution Network Optimization Model with Reliability Considerations in Water Flow (Debit)	2023	Water (Switzerland)	Mawengkang H., Department of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Syahputra M.R., Department of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sutarman S., Department of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Weber G.W., Faculty of Engineering Management, Poznan University of Technology, Poznan, 60-965, Poland, Institute of Applied Mathematics, Middle East Technical University, Ankara, 06800, Turkey	Poland, Turkey
275	Santosh K.; Prakash P.R.; Abhang L.B.; Muda I.; Banerjee D.; Mary S.S.C.; Rengarajan M.	ANALYTIC HIERARCHY PROCESS-BASED EVALUATION APPROACH FOR DIGITAL TECHNOLOGY SERVICE MANAGEMENT	2023	Journal of Theoretical and Applied Information Technology	Santosh K., Department of MBA, CMR Institute of Technology, Bengaluru, Bengaluru, India; Prakash P.R., Department of Information Technology, PVP Siddhartha Institute of Technology, Andhra Pradesh, Vijayawada, India; Abhang L.B., Automation and Robotics Dept, Pravara Rural Engineering College, Loni, under. SPPU, University, Pune, India; Muda I., Universitas Sumatera Utara, Medan, Indonesia; Banerjee D., Artificial intelligence & Data Science (AI&DS), Koneru Lakshmaiah Education Foundation, Green Fields, Vaddeswaram, Andhra Pradesh, Guntur District, 522302, India; Mary S.S.C., Department of Information Technology, Panimalar Engineering College, Poonamalle, Chennai, India; Rengarajan M., Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Tamil Nadu, Chennai, 6000627, India	India
276	Nugraha A.P.; Ernawati D.S.; Narmada I.B.; Bramantoro T.; Riawan W.; Situmorang P.C.; Nam H.Y.	RANK-RANKL-OPG expression after gingival mesenchymal stem cell hypoxia preconditioned application in an orthodontic tooth movement animal model	2023	Journal of Oral Biology and Craniofacial Research	Nugraha A.P., Department of Orthodontics, Faculty of Dental Medicine, Universitas Airlangga, Surabaya, Indonesia; Ernawati D.S., Department of Oral Medicine, Faculty of Dental Medicine, Universitas Airlangga, Surabaya, Indonesia; Narmada I.B., Department of Orthodontics, Faculty of Dental Medicine, Universitas Airlangga, Surabaya, Indonesia; Bramantoro T., Department of Dental Public Health, Faculty of Dental Medicine, Universitas Airlangga, Surabaya, Indonesia; Riawan W., Department of Biomolecular Biochemistry, Faculty of Medicine, Universitas Brawijaya, Malang, Indonesia; Situmorang P.C., Department of Biology, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Medan, Indonesia; Nam H.Y., Nanotechnology and Catalysis Research Center (NANOCAT), Universiti Malaya, Kuala Lumpur, Malaysia, Tissue Engineering Group, Department of Orthopaedic Surgery (NOCERAL), Faculty of Medicine, Universiti Malaya, Kuala Lumpur, Malaysia	Malaysia
277	Nurfahasdi M.; Turmuzi M.; Husin A.; Hafizhul Khair A.M.; Tanjung J.K.; Atashev E.; Rakhmatov A.	Zoning groundwater vulnerability in residential areas around the Terjun landfill using the aplis method	2023	E3S Web of Conferences	Nurfahasdi M., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Turmuzi M., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Husin A., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Hafizhul Khair A.M., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Tanjung J.K., Department of Environmental Engineering, Universitas Sumatera Utara, Indonesia; Atashev E., Urgench State University, Urganch, 220100, Uzbekistan; Rakhmatov A., National Research University TIAME, Tashkent, 100000, Uzbekistan	Uzbekistan
278	Özay M.; Agustono B.	Preliminary View on Journalistic and Intellectual Life of Mohammad Said (MS): A Discourse on Anti-Colonial Struggle	2023	Journal of Al-Tamaddun	Özay M., Institute of Islamic Thought and Civilization, International Islamic University Malaysia (ISTAC-IIUM), Kuala Lumpur, Malaysia; Agustono B., Department of History, Faculty of Cultural Sciences, University of Sumatera Utara, Medan, Indonesia	Malaysia
279	Rahayu S.U.; Tai Y.-L.; Boon-On P.; Wang Y.-R.; Lee M.-W.	Ternary alloyed BaxCd1-xS nanocrystals: Synthesis, bandgap tuning, and photovoltaic performance	2023	Optical Materials	Rahayu S.U., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan, Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia; Tai Y.-L., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan; Boon-On P., Education Program in Physics, Faculty of Education, Silpakorn University, Nakhon Pathom, 73000, Thailand; Wang Y.-R., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan; Lee M.-W., Department of Physics and Institute of Nanoscience, National Chung Hsing University, Taichung, 402, Taiwan	Taiwan, Thailand

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280	Bahtiar E.T.; Kim N.-H.; Iswanto A.H.	Biological Rotation Age of Community Teak ( <i>Tectona grandis</i> ) Plantation Based on the Volume, Biomass, and Price Growth Curve Determined through the Analysis of Its Tree Ring Digitization	2023	Forests	Bahtiar E.T., Faculty of Forestry and Environment, IPB University (Bogor Agricultural University), Dramaga, West Java, Bogor, 16680, Indonesia, Faculty of Engineering, Pakuan University, Tegallega, West Java, Bogor, 16129, Indonesia; Kim N.-H., Department of Wood Science, College of Forest and Environmental Science, Chuncheon, 24341, South Korea; Iswanto A.H., Faculty of Forestry, Universitas Sumatera Utara, Deli Serdang, North Sumatra, 20353, Indonesia	South Korea
281	Razak A.; Muhtar M.H.; Rivera K.M.; Saragih G.M.	Balancing Civil and Political Rights: Constitutional Court Powers in Indonesia and Austria	2023	Journal of Indonesian Legal Studies	Razak A., Faculty of Law, Universitas Muslim Indonesia, Makassar, Indonesia; Muhtar M.H., Faculty of Law, Universitas Negeri Gorontalo, Indonesia; Rivera K.M., University of the Cordilleras, College of the Immaculate Conception, Baguio City, Philippines; Saragih G.M., Faculty of Law, Universitas Sumatera Utara, Medan, Indonesia	Philippines
282	Fitriani F.; Lubis M.A.R.; Hadi Y.S.; Sari R.K.; Maulana M.I.; Kristak L.; Iswanto A.H.; Mardawati E.; Reh R.; Sedliacik J.	Adhesion and Cohesion Strength of Phenol-Formaldehyde Resin Mixed with Different Types and Levels of Catalyst for Wood Composites	2023	Journal of Composites Science	Fitriani F., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia, Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Lubis M.A.R., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia, Research Collaboration Center for Biomass and Biorefinery, BRIN and Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Hadi Y.S., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Sari R.K., Department of Forest Products, Faculty of Forestry and Environment, IPB University, Bogor, 16680, Indonesia; Maulana M.I., Research Center for Biomass and Bioproducts, National Research and Innovation Agency, Cibinong, 16911, Indonesia; Kristak L., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Iswanto A.H., Department of Forest Products Technology, Faculty of Forestry, Universitas Sumatera Utara, Padang Bulan, 20355, Indonesia; Mardawati E., Research Collaboration Center for Biomass and Biorefinery, BRIN and Universitas Padjadjaran, Jatinangor, 40600, Indonesia, Department of Agro-Industrial Technology, Universitas Padjadjaran, Jatinangor, 40600, Indonesia; Reh R., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia; Sedliacik J., Faculty of Wood Sciences and Technology, Technical University in Zvolen, Zvolen, 96001, Slovakia	Slovakia

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283	Dian N.D.; Muhammad A.B.; Azman E.N.; Eddie N.A.; Azmi N.I.; Tze Yee V.C.; Rahim M.A.F.A.; Munajat M.B.; Seri Rakna M.I.M.; Mohd Kasri M.R.; Mohamed A.I.; Ghazali N.; Hassan N.W.; Abdul Manap S.N.A.; Osman E.; Wahid W.; Chuangchaiya S.; Lubis I.N.D.; Divis P.C.S.; Chan S.; Idris Z.M.	Evidence of Submicroscopic Plasmodium knowlesi Mono-Infection in Remote Indigenous Communities in Kelantan, Peninsular Malaysia	2023	American Journal of Tropical Medicine and Hygiene	Dian N.D., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Muhammad A.B., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Azman E.N., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Eddie N.A., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Azmi N.I., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Tze Yee V.C., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Rahim M.A.F.A., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Munajat M.B., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Seri Rakna M.I.M., District Health Office of Gua Musang, Kelantan, Malaysia; Mohd Kasri M.R., District Health Office of Gua Musang, Kelantan, Malaysia; Mohamed A.I., District Health Office of Gua Musang, Kelantan, Malaysia; Ghazali N., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Hassan N.W., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Abdul Manap S.N.A.; Osman E., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Wahid W., Department of Parasitology and Medical Entomology, Faculty of Medicine, Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia; Chuangchaiya S., Department of Community Health, Faculty of Public Health, Kasetsart University, Chalermphrakiat Sakon Nakhon Province Campus, Sakon Nakhon, Thailand; Lubis I.N.D., Department of Paediatric, Faculty of Medicine, Universitas Sumatera Utara	Malaysia, Thailand, Sweden
284	Taylor W.R.J.; Meagher N.; Ley B.; Thriemer K.; Bancone G.; Satyagraha A.; Assefa A.; Chand K.; Chau N.H.; Dhorda M.; Degaga T.S.; Ekawati L.L.; Hailu A.; Hasanzai M.A.; Naddim M.N.; Pasaribu A.P.; Rahim A.G.; Sutanto I.; Thanh N.V.; Tuyet-Trinh N.T.; Waitthira N.; Woyessa A.; Dondorp A.; von Seidlein L.; Simpson J.A.; White N.J.; Baird J.K.; Day N.P.; Price R.N.	Weekly primaquine for radical cure of patients with Plasmodium vivax malaria and glucose-6-phosphate dehydrogenase deficiency	2023	PLoS Neglected Tropical Diseases	Taylor W.R.J., Mahidol Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, United Kingdom; Meagher N., Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, University of Melbourne, Melbourne, Australia, Department of Infectious Diseases, University of Melbourne, at the Peter Doherty Institute for Infection and Immunity, Melbourne, Australia; Ley B., Global and Tropical Health Division, Menzies School of Health Research and Charles Darwin University, Darwin, Australia; Thriemer K., Global and Tropical Health Division, Menzies School of Health Research and Charles Darwin University, Darwin, Australia; Bancone G., Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, United Kingdom, Shoklo Malaria Research Unit, Mahidol-Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Mae Sot, Thailand; Satyagraha A., Eijkman Institute of Molecular Biology, Jakarta, Indonesia; Assefa A., Ethiopian Public Health Institute, Addis Ababa, Ethiopia; Chand K., Oxford University Clinical Research Unit, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Chau N.H., Oxford University Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Viet Nam; Dhorda M., Mahidol Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, Centre for Tropical Medicine and Global Health, Nuffield Department of Medicine, University of Oxford, Oxford, United Kingdom; Degaga T.S., College of Medicine & Health Sciences, Arbaminch University, Arbaminch, Ethiopia; Ekawati L.L., Oxford University Clinical Research Unit, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia; Hailu A., College of Health Sciences, Addis Ababa University, Addis Ababa, Ethiopia; Hasanzai M.A., Health Protection and Research Organisation, Kabul, Afghanistan; Naddim M.N., Health Protection and Research Organisation, Kabul, Afghanistan; Pasaribu A.P., Universitas Sumatera Utara Medan, Indonesia; Rahim A.G., Nangarhar Medical	Thailand, United Kingdom, Australia, Ethiopia, Afghanistan

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285	Shalannanda W.; Kornel F.A.P.; Hibatullah N.R.; Fahmi F.; Sutanto E.; Yazid M.; Aziz M.; Hamid M.I.	Smart Card-based Access Control System using Isolated Many-to-Many Authentication Scheme for Electric Vehicle Charging Stations	2023	Journal of ICT Research and Applications	Shalannanda W., School of Electrical Engineering and Informatics, Bandung Institute of Technology, Jalan Ganesa 10, Kota Bandung, 40132, Indonesia; Kornel F.A.P., School of Electrical Engineering and Informatics, Bandung Institute of Technology, Jalan Ganesa 10, Kota Bandung, 40132, Indonesia; Hibatullah N.R., School of Electrical Engineering and Informatics, Bandung Institute of Technology, Jalan Ganesa 10, Kota Bandung, 40132, Indonesia; Fahmi F., Department of Electrical Engineering, Universitas Sumatera Utara, Jalan Dr. T. Mansur No.9, Kota Medan, 20222, Indonesia; Sutanto E., Biomedical Engineering, Faculty of Science and Technology, Universitas Airlangga, Kampus C Unair Mulyorejo, Jalan Dr. Ir. H. Soekarno, Surabaya, 60115, Indonesia; Yazid M., Department of Biomedical Engineering, Faculty of Intelligent Electrical and Informatics Technology, Institut Teknologi Sepuluh Nopember, Kampus ITS Sukolilo, Surabaya, 60111, Indonesia; Aziz M., Institute of Industrial Science, The University of Tokyo, 4 Chome-6-1 Komaba, Tokyo, Meguro City, 153-8505, Japan; Hamid M.I., Department of Electrical Engineering, Universitas Andalas, Jalan Limau Manis, Padang, 25163, Indonesia	Japan
286	Syam A.F.; Miftahussurur M.; Makmun D.; Abdullah M.; Rani A.A.; Siregar G.A.; Simadibrata M.; Zubir N.; Dewa Nyoman Wibawa I.; Purnomo H.D.; Manan C.; Djojoningrat D.; Fauzi A.; Renaldi K.; Maulahela H.; Utari A.P.; Pribadi R.R.; Muzellina V.N.; Nursyirwan S.A.; Idrus M.F.; Ruswhandi R.; Sugihartono T.; Bestari M.B.; Bayupurnama P.; Pramana T.Y.; Wibowo B.P.; Bakry A.F.; Akil F.; Parewangi A.M.L.; Widita H.; Mariadi I.K.; Murti I.S.; Yusuf A.I.; Artes A.; Yusuf F.; Wateleng B.J.; Abimanyu A.; Mulyadi Y.; Lucida M.I.; Rezkhita Y.A.A.; Alfaray R.I.; Yamaoka Y.	Management of dyspepsia and Helicobacter pylori infection: the 2022 Indonesian Consensus Report	2023	Gut Pathogens	Syam A.F., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Miftahussurur M., Division of Gastroentero-Hepatology, Department of Internal Medicine, Faculty of Medicine-Dr. Soetomo Teaching Hospital, Universitas Airlangga, Surabaya, Indonesia, Helicobacter Pylori and Microbiota Study Group, Institute of Tropical Disease, Universitas Airlangga, Surabaya, Indonesia; Makmun D., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Abdullah M., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Rani A.A., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Siregar G.A., Division of Gastroenterohepatology, Department of Internal Medicine, Adam Malik General Hospital/Faculty of Medicine, Sumatra Utara University, Medan, Indonesia; Simadibrata M., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Zubir N., Division of Gastroenterohepatology, Department of Internal Medicine, M. Djamil General Hospital/Faculty of Medicine, Andalas University, Padang, Indonesia; Dewa Nyoman Wibawa I., Division of Gastroenterohepatology, Department of Internal Medicine, Udayana University/Sanglah General Hospital, Bali, Denpasar, Indonesia; Purnomo H.D., Division of Gastroenterohepatology, Department of Internal Medicine, Kariadi General Hospital/Faculty of Medicine, Diponegoro University, Semarang, Indonesia; Manan C., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia; Djojoningrat D., Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine-Cipto Mangunkusumo Teaching Hospital, University of Indonesia, Jakarta, Indonesia	Japan, United States
287	Suherman S.; Abdullah I.; Sabri M.; Silitonga A.S.	Evaluation of Physicochemical Properties Composite Biodiesel from Waste Cooking Oil and Schleicher oleosa Oil	2023	Energies	Suherman S., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia, Department of Mechanical Engineering, Universitas Muhammadiyah Sumatera Utara, Medan, 20238, Indonesia; Abdullah I., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sabri M., Department of Mechanical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Silitonga A.S., Department of Mechanical Engineering, Politeknik Negeri Medan, Medan, 20155, Indonesia, Center for Technology in Water and Wastewater, School of Civil and Environmental Engineering, Faculty of Engineering and Information Technology, University of Technology Sydney, Sydney, 2007, NSW, Australia	Australia

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288	Herianto; Mastrisiswadi H.; Nasution A.; Atsani S.I.	Effect of Shot Peening Parameters on PLA Parts Manufactured with Fused Deposition Modeling	2023	Journal of Engineering and Technological Sciences	Herianto, Department of Mechanical and Industrial Engineering, Universitas Gadjah Mada, Grafika Street No. 2, Yogyakarta, 55281, Indonesia; Mastrisiswadi H., Department of Mechanical and Industrial Engineering, Universitas Gadjah Mada, Grafika Street No. 2, Yogyakarta, 55281, Indonesia, Department of Industrial Engineering, Universitas Pembangunan Nasional Veteran Yogyakarta, Babarsari Street No. 2, Yogyakarta, 55281, Indonesia; Nasution A., Department of Mechanical and Industrial Engineering, Universitas Gadjah Mada, Grafika Street No. 2, Yogyakarta, 55281, Indonesia, Department of Industrial Engineering, Universitas Sumatera Utara, Padang Bulan Street, North Sumatera, Medan, 20155, Indonesia; Atsani S.I., Department of Mechanical and Industrial Engineering, Universitas Gadjah Mada, Grafika Street No. 2, Yogyakarta, 55281, Indonesia, Department of Mechanical Engineering, National University of Singapore, Blk EA 01-05, 9 Engineering Drive 1, Singapore, 117575, Singapore	Singapore
289	Dalimunthe R.F.; Zulkarnain S.H.; Siahaan E.; Naully M.; Nawi A.S.; Siregar H.	Empowering Women Entrepreneurs: Enhancing Competency and Capacity Through University Education	2023	TEM Journal	Dalimunthe R.F., Universitas Sumatera Utara, Medan, Indonesia; Zulkarnain S.H., Universiti Teknologi MARA, Shah Alam, Malaysia; Siahaan E., Universitas Sumatera Utara, Medan, Indonesia; Naully M., Universitas Sumatera Utara, Medan, Indonesia; Nawi A.S., Universiti Teknologi MARA, Machang, Malaysia; Siregar H., Universitas Sumatera Utara, Medan, Indonesia	Malaysia