

Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Sumaiyah, Hasibuan P.A., Tanjung M., Lianto W., Gea S., Piliang A., Situmorang S.A.	Hydrothermally nitrogen-doped carbon dots (N-C-dots) from isolated lignin of oil palm empty fruit bunch for bacterial imaging of Staphylococcus aureus	2023	8		100455					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167837542&doi=10.1016%2fj.cscee.2023.100455&partnerID=40&md5=ab089c6f56d7a62f08e456d4e1230238			Article	Scopus
Hidayat R., Rasyid A., Harris S., Harahap A.R., Herqquanto, Louisa M., Listiyaningsih E., Rambe A.S., Loho T.	The stent thrombosis in Belgium (STIB) scoring system reliability in Indonesia patients and the modified STIB scoring (M-STIB)	2023	59	1	108					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167515933&doi=10.1186%2fs41983-023-00712-9&partnerID=40&md5=73e50e9736f655f8d50e26693fd9c8f9			Article	Scopus
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	13	1	10314					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163346123&doi=10.1038%2fs41598-023-37563-6&partnerID=40&md5=1e024e43c893e48e12e636b90ae57172			Article	Scopus
Furusawa T., Koera T., Siburian R., Wicaksono A., Matsudaaira K., Ishioka Y.	Time-series analysis of satellite imagery for detecting vegetation cover changes in Indonesia	2023	13	1	8437					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160257296&doi=10.1038%2fs41598-023-35330-1&partnerID=40&md5=62735ec5948c50941a068fc9fecdc09c			Article	Scopus
	Management of dyspepsia and Helicobacter pylori infection: the 2022 Indonesian Consensus Report	2023	15	1	25					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160102666&doi=10.1186%2fs13099-023-00551-2&partnerID=40&md5=0be99755f3d818ea1d3a5b3f132400ed			Review	Scopus
Amin M., Ritonga A.D.	Populist student organizations in Indonesia: an analysis of anti-establishment ideas	2023	10	1	229				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159958384&doi=10.1057%2fs41599-023-01697-9&partnerID=40&md5=f25537eb0fe3689912f612bd69d021fb	Universitas Sumatera Utara, Medan, Indonesia	Amin, M., Universitas Sumatera Utara, Medan, Indonesia; Ritonga, A.D., Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Hidayati J., Vamelia R., Hammami J., Endri E.	Transparent distribution system design of halal beef supply chain	2023	11	1		31	40		3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144841973&doi=10.5267%2fj.uscm.2022.12.003&partnerID=40&md5=fe1aae6b46ad6e6794424f35796aa183	Industrial Engineering Department, Universitas Sumatera Utara, Medan, Indonesia; Department of Agro-Industrial Technology, IPB University, Bogor, Indonesia; Universitas Mercu Buana, Jakarta, Indonesia		Article	Scopus
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	77		102227					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165654360&doi=10.1016%2fj.ecoinf.2023.102227&partnerID=40&md5=7ed220d873bbcadebdde5b79fde1aed2			Article	Scopus
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	70		108000					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163755148&doi=10.1016%2fj.est.2023.108000&partnerID=40&md5=dd7ddc4d3f9f503a3d2f162174c6e8c6	Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Mechanical Engineering, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran, 050-8585, Japan		Article	Scopus
Lubis M.F., Kaban V.E., Gurning K., Parhan P., Syahputra H., Juwita N.A., Astyka R., Zulfansyah I.	Phytochemicals and Biological Activities of Ethanolic Extract of Garcinia atroviridis Leaf Grown in Indonesia	2023	6	10		2456	2469			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167681053&doi=10.26655%2fJMCHEMSCI.2023.10.20&partnerID=40&md5=c22e7adb9150eee7686e1d074a65b203			Article	Scopus
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	334		122212					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165169545&doi=10.1016%2fj.envpol.2023.122212&partnerID=40&md5=3e9526bea81b7d4404d96d2e8f68df23			Article	Scopus
Wahyudi M., Sihotang H.T., Efendi S., Zarlis M., Mawengkang H., Vinsensia D.	A stochastic approach for evaluating production planning efficiency under uncertainty	2023	13	5		5542	5549			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164017186&doi=10.11591%2fijece.v13i5.pp5542-5549&partnerID=40&md5=1a259561a9debdcaafe9fb7ff3e3cf0			Article	Scopus

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- ☐ Surat ini dapat dibuktikan keasliannya dengan memindai kode QR pada dokumen ini dan informasi akan ditampilkan dalam peramban



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Tobing M.C., Waruwu A., Hutabarat T.T., Siregar A.Z., Sitepu S.F., Widiastuty	INVENTORY AND IDENTIFICATION OF PARASITOID EGGS AND LARVAE OF Spodoptera frugiperda (LEPIDOPTERA: NOCTUIDAE)	2023	28	2		1	13			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168506025&partnerID=40&md5=f4afe45d4c0000a513b34b63ddf2a236	Agrotechnology Department, Faculty of Agriculture, Universitas Sumatera Utara, Indonesia; Agrotechnology Department, Faculty of Agriculture, Universitas Muhammadiyah Sumatera Utara, Indonesia		Article	Scopus
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	9	8	e19169					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168377744&doi=10.1016%2Fj.heliyon.2023.e19169&partnerID=40&md5=250ca31e2121527e3ccfbfd0ab4991c4			Article	Scopus
Putri D.S., Andryas I.	Surface roughness and surface hardness changes in composite resin provisional crown before and after brushing with whitening toothpaste	2023	8	2		114	117			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168274240&doi=10.15562%2fjdmfs.v8i2.1592&partnerID=40&md5=3c721611fde39fda35458db043f0ad32	Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Department of Prosthodontic, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia	Putri, D.S., Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Andryas, I., Department of Prosthodontic, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Affi J., Handayani M., Anggoro M.A., Esmawan A., Sabarman H., Satriawan A., Shalannanda W., Siburian R., Anshori I.	Electrochemical and capacitive behavior of reduced graphene oxide from green reduction of graphene oxide by urea for supercapacitor electrodes	2023	34	22	1638					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168246679&doi=10.1007%2fs10854-023-11076-4&partnerID=40&md5=fe7bb7c6f11debc96c958788a5a6dee			Article	Scopus
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	85		103997					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167982826&doi=10.1016%2fj.resourpol.2023.103997&partnerID=40&md5=0579089c48ad6c0994cdc1b68266dbb7			Article	Scopus
Suherman S., Abdullah I., Sabri M., Silitonga A.S.	Evaluation of Physicochemical Properties Composite Biodiesel from Waste Cooking Oil and Schleicheria oleosa Oil	2023	16	15	5771					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167839735&doi=10.3390%2fen16155771&partnerID=40&md5=ff967dcc043b455c0109133105fe2673			Article	Scopus
Tambunan H., Nuryawan A., Iswanto A.H., Risnasari I., Basyuni M., Fatriasari W.	Briquettes Made of Branches Wood of Three Mangrove Species Bonded by Starch Adhesive	2023	16	15	5266					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167836347&doi=10.3390%2fma16155266&partnerID=40&md5=94d0505396923b54a32087b2e2988a04			Article	Scopus
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	85		103921					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166467197&doi=10.1016%2fj.resourpol.2023.103921&partnerID=40&md5=e7813ad7e7d3685f8da4496d9a386cd4			Article	Scopus
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	36		106560					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164188343&doi=10.1016%2fj.mtcomm.2023.106560&partnerID=40&md5=3dd4f87a23bc12261425634533d68c22			Article	Scopus
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	44	8	115					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163775024&doi=10.1007%2fs10765-023-03215-0&partnerID=40&md5=18991f1b514bf23c8effe29efd7c9fe2			Article	Scopus
Zhang M., Wong W.-K., Kim Oanh T.T., Muda I., Islam S., Hishan S.S., Abdvaxitovna S.Z.	Regulating environmental pollution through natural resources and technology innovation: Revisiting the environment Kuznet curve in China through quantile-based ARDL estimations	2023	85		103788					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163480293&doi=10.1016%2fj.resourpol.2023.103788&partnerID=40&md5=9e159f3a1933d29a8e2c54d1c740a5ff			Article	Scopus
Siregar Y., Tanaka Y.	Numerical analysis in Ar-H2 coupled-coil inductively coupled thermal plasma with Si feedstock for stable operation	2023	13	4		3695	3705			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151909362&doi=10.11591%2fijece.v13i4.pp3695-3705&partnerID=40&md5=28090b1cb36d9bb1326199aed295d9ac	Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Electrical Engineering and Computer Science, Kanazawa University, Kanazawa, Japan	Siregar, Y., Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia; Tanaka, Y., Faculty of Electrical Engineering and Computer Science, Kanazawa University, Kanazawa, Japan	Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Siregar Y., Hartanto Lumbanraja T.J.	Analysis of interference methods on transformers based on the results of dissolved gas analysis tests	2023	13	4		3672	3685			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151871393&doi=10.11591%2fijee.v13i4.pp3672-3685&partnerID=40&md5=b80f1c73bce7d675d6412762cfa66c5	Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia	Siregar, Y., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Hartanto Lumbanraja, T.J., Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Afdila R., Fahmi, Sani A.	Distributed formation control for groups of mobile robots using consensus algorithm	2023	12	4		2095	2104			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150927337&doi=10.11591%2fee.v12i4.3869&partnerID=40&md5=67370f91eb16c635011730063f522319	Department of Electrical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Rastegari H., Nadi F., Lam S.S., Ikhwannuddin 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	4		100187				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147593383&doi=10.1016%2fj.atech.2023.100187&partnerID=40&md5=5d8e096080a2abcfe25e18b03208c40a			Review	Scopus
Effendi M., Arif Nasution M., Harahap R.H., Amin M.	Model for Ulayat Land Conflict Resolution in North Sumatra, Indonesia	2023	18	7		2177	2182			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168481648&doi=10.18280%2fjjsdp.180721&partnerID=40&md5=f9498c4965d4d0341642b74d9977aaa9	Faculty of Social and Political Sciences, Universitas Sumatera Utara, Medan, 20222, Indonesia		Article	Scopus
Muda I., Harahap R.H., Amin M., Kusmanto H.	The Cost of Inaction: A Portrait of Street Beggars in Medan City	2023	18	7		2045	2053			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168431715&doi=10.18280%2fjjsdp.180706&partnerID=40&md5=e766f65f95e441ba2cb12b414bb72937	Doctoral Program in Development Study, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Arwanda M.D., Haryuna T.-S.-H., Adriztina I., Khalid K.	Curcumin prevents ototoxicity induced by cisplatin as evaluated with OAE	2023	35	4		189	197			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167738108&doi=10.22038%2fijORL.2023.71786.3452&partnerID=40&md5=4f6043c0fcfce5696e7677cb57958f			Article	Scopus
Bangun I.H., Hanum H., Sabrina T.	Isolation and molecular characterization of potassium-solubilizing bacteria from limestone mountain of Bahorok, Langkat District, Indonesia	2023	24	7		4175	4184			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167441832&doi=10.13057%2fbiodiv%2fd240757&partnerID=40&md5=9fe9319ff6341343941832f068a3a7b0			Article	Scopus
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	11	7	285					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166296741&doi=10.3390%2ftribicants11070285&partnerID=40&md5=6bedb6215aadeaeaffdd78845295fba7			Article	Scopus
Gaqi Y., Kusumoto K., Shimizu K., Purba R.H.	Effect of Carbide Orientation on Wear Characteristics of High-Alloy Wear-Resistant Cast Irons	2023	11	7	272					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166280373&doi=10.3390%2ftribicants11070272&partnerID=40&md5=b8572379f911ae34432f7c6364711c4a	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		Article	Scopus
Indharty R.S., Japardi I., Irina R.S., Tandean S., Siahaan A.M.P., Loe M.L., Ivander A.	Comparison of direct cortical stimulation and transcranial magnetic stimulation in brain tumor surgery: systematic review and meta analyses	2023	163	3		505	514			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164568629&doi=10.1007%2fs11060-023-04378-4&partnerID=40&md5=31e995e473272941f690673ede7be045			Review	Scopus
Limavady A., Airlangga E., Malisie R.F., Pasaribu A.P.	Chest x-ray findings in children with COVID-19: lesson learned from referral hospitals in Medan, North Sumatera, Indonesia	2023	66	7		317	319			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164287114&doi=10.3345%2fcep.2022.01179&partnerID=40&md5=895843e36d103b66046efab2a69d605b	Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Child Health, Universitas Muham-madiyah Sumatera Utara, Medan, Indonesia; Department of Child Health, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Letter	Scopus
Rahmawaty, Ismail M.H., Rauf A., Batubara R., Elena Sitorus E.W., Simamora Z., Ginting E.F.	Land characteristics and land suitability assessment for Styrax sp. in Humbang Hasundutan Regency, North Sumatra, Indonesia	2023	9	7	e16936					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163428505&doi=10.1016%2fj.heliyon.2023.e16936&partnerID=40&md5=7f44dd7b368477e7fea511a7b4321b67			Article	Scopus

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Nasution I., Pardi P., Manugeren M., Hidayati H., Pratiwy D., Wulan S.	Minangkabaunese Tradition of Out-Migration (Merantau) in Indonesia: Hamka"s Novels on Reality	2023	13		6	119	127			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162141167&doi=10.5430%2fwjel.v13n6p119&partnerID=40&md5=2b2ff1381c89bcee728be4a0b64a97da	Faculty of Cultural Science, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Literature, Universitas Islam Sumatera Utara, Medan, Indonesia; Faculty of Language and Communication, Universitas Harapan Medan, Medan, Indonesia		Article	Scopus
Tamrin, Ritonga A.H., Aritonang B.	The enhancement of mechanical, physical, and thermal properties of modified asphalt mixture with lignin from mahogany sawdust in the presence of diphenylmethane 4,4'-diisocyanate	2023	125		103431					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161663863&doi=10.1016%2fj.ijadhadh.2023.103431&partnerID=40&md5=ca2837d690d9e5f5a67f8ec367cecada	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia; Institut Kesehatan Medistra Lubuk Pakam, Deli Serdang20512, Indonesia		Article	Scopus
Kartikasari A., Mardia A.I., Safriadi F., Suryanti S., Usman H.A., Oehadian A.	Sporadic renal cell carcinoma with widespread metastasis in young patient: A rare case report	2023	49		102457					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160576627&doi=10.1016%2fj.eucr.2023.102457&partnerID=40&md5=2afbf13665af51a84053f6507b6101b1			Article	Scopus
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	39		102940				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160038233&doi=10.1016%2fj.surfin.2023.102940&partnerID=40&md5=cb87a7d024a39bbcea106a16094e718c			Article	Scopus
Govardi E., Yulianda D., Habib F., Pakpahan C.	Microalbuminuria and mortality in individuals with coronary heart disease: A meta-analysis of a prospective study	2023	75	4		229	235		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160034016&doi=10.1016%2fj.ijhj.2023.05.006&partnerID=40&md5=9adf8abe9938b6546eb152aba4b4b8bc			Review	Scopus
Susanto M., Pangihutan Siahaan A.M., Wirjomartani B.A., Setiawan H., Aryanti C., Michael	The neuroprotective effect of statin in traumatic brain injury: A systematic review	2023	19		100211				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160024250&doi=10.1016%2fj.wnsx.2023.100211&partnerID=40&md5=63b5b832a9a33bed0a34c1f4424545d1			Review	Scopus
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	197		116500				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149994204&doi=10.1016%2fj.indcrop.2023.116500&partnerID=40&md5=30ab28753b60586d2e70c4dac9fb762d			Article	Scopus
Azhari, Muslim R.	The external field effect on the opinion formation based on the majority rule and the q-voter models on the complete graph	2023	34	7	2350088					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145679120&doi=10.1142%2fS0129183123500882&partnerID=40&md5=3a2b08d2ae1eba6e720d51a03bbc634e			Article	Scopus
Handrizal, Nainggolan P.I., Refano Mufid A.	COMPARISON ANALYSIS OF BOLDI-VIGNA ?2 ALGORITHM AND END-TAGGED DENSE CODE ALGORITHM ON AUDIO FILE COMPRESSION	2023	101	12		4949	4959			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164826856&partnerID=40&md5=494307e735560a1019f4390fba4221e5	Department of Computer Science, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Jl. Universitas No. 9-A, Medan, 20155, Indonesia		Article	Scopus
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	2571		20007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166761482&doi=10.1063%2f5.0116464&partnerID=40&md5=fb5751b81b5d65b46a500a63fcf3f1b9			Conference Paper	Scopus
Fachrudin H.T.	Adaptive Workplace with Indoor Health and Comfort Approach Toward Sustainable City	2023	32		1	162	171			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163644913&doi=10.5755%2fj01.sace.32.1.32519&partnerID=40&md5=f271e869ad1b478c5b81e21e77a4dc3d	Department of Architecture, Faculty of Engineering, Universitas Sumatera Utara Main research area Architecture and urban design, Jalan Perpustakaan, Gedung J07, Kampus USU, Medan, Indonesia	Fachrudin, H.T., Department of Architecture, Faculty of Engineering, Universitas Sumatera Utara Main research area Architecture and urban design, Jalan Perpustakaan, Gedung J07, Kampus USU, Medan, Indonesia	Article	Scopus
Ginting R.U., Sihombing P., Efendi S., Amila, Damanik B.	MEASURING THE ACCURACY OF SEARCH INTERVAL PARAMETERS ON RIDGE POLYNOMIAL NEURAL NETWORK IN EARLY DETECTION OF BRAIN CANCER	2023	101		11	4280	4286			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166595347&partnerID=40&md5=b09b68df88a9ad929859f80078386c71	Department of Information System, Universitas Sari Mutiara, Indonesia; Department of Computer Science, Universitas Sumatera Utara, Indonesia; Department of Nursing, Universitas Sari Mutiara, Indonesia		Article	Scopus
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	2732		40002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166782103&doi=10.1063%2f5.0133373&partnerID=40&md5=6ab8b93b6e7e18084934ef61f8fc9928			Conference Paper	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
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., Ibridris 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	9	4	e102					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162166799&doi=10.1192%2fbjo.2023.76&partnerID=40&md5=41eb8a9ccf926ce88e91859390c35e0e			Article	Scopus
Nurdiana N., Ritonga P.W.U., Wulandari P.	The Role of Stress in Recurrent Aphthous Stomatitis	2023	12	1		42	47			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161900601&doi=10.1055%2fs-00431768062&partnerID=40&md5=1d20de44048a688824891085f714ec66	Department of Oral Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Prosthodontics, Universitas Sumatera Utara, Medan, Indonesia; Department of Periodontics, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Sari T.V., Ginting E.E., Hamdan, Trisna A.	The Effect of Allium sativum and Curcuma xanthorrhiza Meal Addition as Phytobiotics in Broiler Feed on Performance and Feed Economic Values	2023	2628		30024					https://www.scopus.com/inward/record.uri?eid=2-s2.0-8516389133&doi=10.1063%2f5.0143988&partnerID=40&md5=91b03bb599891e9ceadb7699fe8926c4	Animal Husbandry Department, Faculty of Agriculture, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Fanny, Julianti E., Lubis L.M.	Hypoglycemic Effect of Biscuit Made from Flour, Starch, and Fiber Rich Flour from Purple Sweet Potato Starch Processing Waste in Rats	2023	2628		120011					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163319966&doi=10.1063%2f5.0144526&partnerID=40&md5=ee6ee6c83de76e6062c26a78d9c6166c	Department of Food Science and Technology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia; Centre for Tubers and Roots Crop Study, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Patriani P., Apsari N.L., Sari T.V.	Microbiological and Organoleptic Qualities of Native Chicken Meat Using Gelugur Acid Extract Marinade (Garcinia atroviridis) on the Shelf Life	2023	2628		50029					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163282656&doi=10.1063%2f5.0144121&partnerID=40&md5=1e3fee4197ad0a1ce522a847b0c18c9a			Conference Paper	Scopus
Lubis A.R., Nasution M.K.M.	TWITTER DATA ANALYSIS AND TEXT NORMALIZATION IN COLLECTING STANDARD WORD	2023	4	2		855	863			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162031001&doi=10.37385%2fajtaes.v4i2.1991&partnerID=40&md5=5a3a5af073ef65bab8c9ef520d6e1f34	Department of Computer Engineering and Informatics, Politeknik Negeri Medan, Indonesia; Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Indonesia	Lubis, A.R., Department of Computer Engineering and Informatics, Politeknik Negeri Medan, Indonesia; Nasution, M.K.M., Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Indonesia	Article	Scopus
Ghazali A., Sihombing P., Zarlis M.	Comparison Analysis of Weighting Using Fuzzy Logic and Centroid Order Rank (ROC) on Simple Additive Weighting (SAW) Method	2023	2601		20049					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163221736&doi=10.1063%2f5.0129589&partnerID=40&md5=abaa5b8e3873c9f84b91b2f34e961966			Conference Paper	Scopus
Mulyasari R., Syah A., Azhari, Wibowo R.C., Haerudin N.	Geomorphological Characteristic of Bandar Lampung City and Landslide Hazard Assessment	2023	2601		20013					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163157786&doi=10.1063%2f5.0131273&partnerID=40&md5=bbeef4081269b24f532b992468563de1			Conference Paper	Scopus
Effendy D.L., Mahatir M., Denny S., Nasr I.	Antibacterial and antioxidant activities of ethanol extract of Artocarpus altilis leaves	2023	7	3		148	152			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166146160&doi=10.26656%2ffr.2017.7%283%29.834&partnerID=40&md5=048d189c1804a06582135c6c6b662f81			Article	Scopus
Nugraha S.E., Yuandani, Syahputra R.A.	Amelioration of doxorubicin induced toxicity in rat by Beta vulgaris L. extract supplementation: haematology and lipid profile evaluation	2023	7	3		173	179			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166075417&doi=10.26656%2ffr.2017.7%283%29.867&partnerID=40&md5=de8ac95951c12efb107c859ed8867608	Department of Pharmaceutical Biology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia; Department of Pharmacology, Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Mahatir M., Effendy D.L., Henni C., Denny S.	Antibacterial activities of water extract of Vernonia amygdalina Delile leaves	2023	7	3		143	147			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166067999&doi=10.26656%2ffr.2017.7%283%29.832&partnerID=40&md5=39fc4d6e6e580764a4572b808b5c48ec	Department of Pharmaceutical Biology, Faculty of Pharmacy, Universitas Sumatera Utara, Jl. Tri Dharma No.5, North Sumatera, Medan, Indonesia		Article	Scopus
Putri N.C.B., Tarigan A.P., Pandia P., Pradana A., Eyanoe P.C., Sinaga S.P., Effendy E.	Anxiety Levels in COVID-19 Patients Undergoing Upper Arm and Breathing Exercises [Üst Kol ve Nefes Egzersizleri Uygulanan COVID-19 Hastalar?nda Anksiyete Düzeyleri]	2023	5	2		140	145			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165910296&doi=10.35365%2fctjpp.23.2.06&partnerID=40&md5=7e41da95e938a41b2dd80ec42bafb2bc			Article	Scopus
Octiara E., Meliala C.P., Sikumbang L.	Antibacterial Activity of Durian Peel Ethanol Extract (Durio zibethinus Murr.) against Streptococcus mutans and Enterococcus faecalis	2023	16	2		877	883			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165631244&doi=10.13005%2fbpj%2f2670&partnerID=40&md5=fa6c305af38b2cc31584d1d8c3bbd738	Departement of Pediatric Dentistry, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Mulyadi R., Prihartono J., Yunir E., Lubis D.A., Yunus R.E.	Testicular Volumes Measurement Comparison by Ultrasound and Orchidometer and Its Relationship with Nutritional Status in Transfusion-dependent Thalassemia	2023	15	3		247	252			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165148237&doi=10.18585%2finabj.v15i3.2291&partnerID=40&md5=d94c7a21e6483efa7d49f10dd0844fe2			Article	Scopus
Rizaldi T., Putri F.N.E., Rifai M.	Effect of Soil Compaction due to Organic Matter and 4-Wheel Tractor Traffic on Sugarcane Growth	2023	57	3		352	356			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165016055&doi=10.18805%2fIJARE.AF-738&partnerID=40&md5=b88acdd8e824bceae6b6feddb09c3f83	Agricultural Engineering and Biosystem Study Program, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
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	12	12	2555					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163796366&doi=10.3390%2felectronics12122555&partnerID=40&md5=3a093b5ef4a02fa219e0e5f108beda41			Article	Scopus
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	11	6	243					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163654396&doi=10.3390%2ftribicants11060243&partnerID=40&md5=45940e2ac40576a9fcae2d1dc2d52c9a			Article	Scopus
Rahmat M., Nisja I., Hardi S.	Comparative study of static var compensator and capacitor bank for increasing transmission lines performance	2023	2691		60003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163215634&doi=10.1063%2f5.0116646&partnerID=40&md5=9d076c2c9a72bc5b4c41a82da2c253a3	Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia		Conference Paper	Scopus
Hardi S., Syari M.A., Sinulingga E.P.	Analysis of soil resistivity improvement with variations of bentonite and chemical for grounding of electrical equipment	2023	2691		60006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163211531&doi=10.1063%2f5.0115535&partnerID=40&md5=406b5e62abddc90382d28790a27ccb50	Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Widikdo W., Sugita P., Khotib M., Restu W.K., Rahmayeni R., Agusnar H.	Optimizing the Synthesis of Silver Nanoparticles Using Five Curcuma Species under UV Irradiation as a Potent Sunscreen Substrate	2023	7	5		2926	2934			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163195680&doi=10.26538%2ftjnpr%2fv7i5.13&partnerID=40&md5=26c249bdf6c2beecd42df1ddc5af0f0e			Article	Scopus
Hardi S., Suherman, Carol N., Harahap R.	Effect of two-layer soil model on the design of substation grounding system	2023	2691		60005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163151187&doi=10.1063%2f5.0115632&partnerID=40&md5=3901d5248e0419865933e5887668fe58	Department of Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Nisja I., Hardi S., Armen R.F., Irwanto M., Ridal Y., Arzul	Effect of harmonic distortion on distribution feeder losses serving housing load	2023	2691		60001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163142574&doi=10.1063%2f5.0117113&partnerID=40&md5=edd6fab43a08e2dc777846223a33c878	Electrical Engineering, Universitas Bung Hatta, Padang, 25133, Indonesia; Electrical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Centre of Excellence for Renewable Energy, Universiti Malaysia Perlis (UniMAP), Perlis, 02600, Malaysia		Conference Paper	Scopus
Warjio, Kembaren M.M.	Intercultural Communication in the Perspective of Orientalism and Colonialism Against Islamophobia	2023	11	4		86	94			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162156285&doi=10.11114%2fsmc.v11i4.5900&partnerID=40&md5=5b10cb3e6a1422ffe430ad3790917aea	Faculty of Social and Political Sciences, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia	Warjio, Faculty of Social and Political Sciences, Universitas Sumatera Utara, Medan, Indonesia; Kembaren, M.M., Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Haidir H., Silvana Sinar T., Mulyadi, Setia E., Saragih E.	Contextualizing Revitalization of Panai Malay Archaic Vocabularies Through Formal Learning	2023	13	6		1506	1515			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162076589&doi=10.17507%2ftpls.1306.19&partnerID=40&md5=dffccdc4ac682df70618513cfa95d49	Universitas Sumatera Utara, Indonesia		Article	Scopus
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	13	6	65010					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161818151&doi=10.1063%2f5.0137760&partnerID=40&md5=f9e47e679f8f52cc10fca718242069e9			Article	Scopus
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 β , Cytochrome c, and Apoptosis	2023	28	11	4305					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161636719&doi=10.3390%2fmolecules28114305&partnerID=40&md5=3dddb20abfd6dcf30991f7a97025042e			Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Pasaribu N., Siregar A.F., Siregar J.P., Atni O.K., Hartanto A.	Taxonomic Diversity of Lianas in the Batang Toru Forest, North Sumatra	2023	11	3		446	455			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161462666&doi=10.13189%2feer.2023.110304&partnerID=40&md5=0c294c75b49dec7b41bf849686f75c89	Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Indonesia; Yayasan Ekosistem Lestari (YEL), Indonesia		Article	Scopus
Rahmadina, Nurwahyuni I., Elimasni, Hanafiah D.S.	Genotype by environment analysis on multi-canopy cropping system towards harvest in soybean	2023	9	6	e16488					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161015591&doi=10.1016%2fj.heliyon.2023.e16488&partnerID=40&md5=8133936c0e2d09cc1e22debebd37c309	Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Department of Agriculture, Faculty of Agriculture, Universitas Sumatera Utara, North Sumatra, Medan, 20154, Indonesia		Article	Scopus
Salliyanti, Susilo H., Bangun P.	Petatah-Petiti in Minangkabau Community in Medan, Indonesia: Its Use and Meanings	2023	11	4		115	121			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160939443&doi=10.11114%2fsmc.v11i4.5904&partnerID=40&md5=c08a1f4a7228ca1485973d21d0428a8c	Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Irsyad M.A., Fitra F., Sanjaya F.A., Suroto N.S., Al Fauzi A.	Cerebellar cavernoma excision with a preserved venous anomaly: A case report in girl 28-year-old	2023	107		108332					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160537298&doi=10.1016%2fj.ijscr.2023.108332&partnerID=40&md5=be948a6af951999bcd3e7f7320e1a798			Article	Scopus
Sitepu E.K., Perangin-angin S., Ginting G.J., Machmudah S., Sari R.N., Tarigan J.B.	Controlled crushing device-intensified direct biodiesel production of Black Soldier Fly larvae	2023	9	6	e16402					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160342173&doi=10.1016%2fj.heliyon.2023.e16402&partnerID=40&md5=ee8f78ed9ea9e0800dedcc325697080			Article	Scopus
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	83		103596					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156169335&doi=10.1016%2fj.resourpol.2023.103596&partnerID=40&md5=77b73ab2c62b5605eaae5f163bf8b019			Article	Scopus
Fikri E., Alnaz F.M., Alnaz A.R.M., Nurdiani	Left unilateral scrotoschisis in a newborn referred after vaginal delivery in midwife practice in a State Hospital in Medan, Indonesia	2023	93		102628					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152271020&doi=10.1016%2fj.epsc.2023.102628&partnerID=40&md5=1cea9e6b505b3bd48c211621ee82f992			Article	Scopus
Manurung R., Parinduri S.Z.D.M., Hasibuan R., Tarigan B.H., Siregar A.G.A.	Synthesis of nano-CaO catalyst with SiO2 matrix based on palm shell ash as catalyst support for one cycle developed in the palm biodiesel process	2023	7		100345					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152147797&doi=10.1016%2fj.cscee.2023.100345&partnerID=40&md5=a9b7078507f8e8829f1ac30d1e8bdd61	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Lubis S.M., Fattah M., Batubara J.R.L., Quinka M.	High free leptin index as the risk factor for childhood obesity in Indonesia: A case-control study	2023	13	3	e12586					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148638333&doi=10.1111%2fcob.12586&partnerID=40&md5=cc6c770ff860b1b3fd551971f5b3b693			Article	Scopus
	Adapting international clinical trials during COVID-19 and beyond	2023	20	3		237	241			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148073182&doi=10.1177%2f17407745231154215&partnerID=40&md5=a014bbe8e4453eae33c638b48a710f9			Article	Scopus
Wayan Suryanto Dusak I., Ciatawi K., Wayan Subawa I., Eyanor P.C.	What can we expect from patellar denervation in knee arthroplasty? An updated systematic review and meta-analysis	2023	30	1						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147421687&doi=10.1177%2f22104917221150533&partnerID=40&md5=806ec8bcd1e36115706a5ca3af5b6236			Review	Scopus
Andriyani, Marpongahtun, Suharman, Daulay A.	Synthesis of mesoporous silica with ricinoleic methyl ester (Ricinus communis) as a template for adsorption copper (II) with optimizing Box-Behnken design	2023	7		100287					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144072205&doi=10.1016%2fj.cscee.2022.100287&partnerID=40&md5=571c2d00fc5f1f6a6d3cf7224d71d9b9			Article	Scopus
Hamdi T., Syarifah S., Musba A.M.T., Nasution I.P.	The Association of Pain with Depression and Quality of Sleep in Indonesian Cancer Patients	2023	6	6		1204	1216			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143437648&doi=10.26655%2fJMCHEMSCI.2023.6.1&partnerID=40&md5=038d68Saaa9d8a3ca0615384ec4651e2			Article	Scopus

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Siregar C.T., Nasution S.Z., Zulkarnain, Lufthiani	Fatigue and Sleep Quality in Pandemic Covid 19 Hemodialysis Patients in Medan	2023	2626		160001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161458530&doi=10.1063%2f5.0136119&partnerID=40&md5=3d77a90897c2c410b844cef3d2695f25	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Ardilla D., Taufik M., Rangkuti K., Razali M., Fauzi Z.I.	Completely Randomized Design (CRD) Method on Lard Analysis Which was Adulterated to Palm Oil	2023	2626		150001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161456279&doi=10.1063%2f5.0136090&partnerID=40&md5=c1923b5766656f8f2711b40cbf03af46			Conference Paper	Scopus
Tarigan J.Br., Panjaitan A.M.	Synthesis of Galactomannan Maleic Ester from Galactomannan Arenga pinnata Merr with Maleic Anhydride Using Microwave Method and Sodium Hydrogen Carbonate	2023	2626		60002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161454667&doi=10.1063%2f5.0149710&partnerID=40&md5=53ba3d2de92c017c4d04d26a2b0b84ca	Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia	Tarigan, J.Br., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Panjaitan, A.M., Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Imelda F., Nasution S.S., Santosa H.	Determinant Factors of Behaviour, Knowledge, Attitude, and Action for Early Detection of Cervical Cancer in Women of Childbearing Age in Medan City	2023	2626		50003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161454595&doi=10.1063%2f5.0136046&partnerID=40&md5=ac285621c0ec46c0f09038a1b763ea85	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia	Imelda, F., Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Nasution, S.S., Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Santosa, H., Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus
Marpongahtun, Azizah N., Amaturahim S.A., Sartina, Purwandari V.	The Effect of Ethylenediamine as Passivation Agent on the Optical Properties of Carbon Dots from Molasses Using the Microwave Method	2023	2626		40013					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161454260&doi=10.1063%2f5.0136108&partnerID=40&md5=61b3f08b90291b6657241d6f48781b42	Department of Chemistry, Faculty of Mathematics and Natural Sciences, University of Sumatera Utara, Jl. Bioteknologi No. 1, Medan, 20155, Indonesia; Department of Chemistry, University of Sari Mutiara, Jl. Kapten Muslim, Medan, 20124, Indonesia		Conference Paper	Scopus
Surya I., Ginting M.	Studying on the Carbon Black-Reinforced Styrene Butadiene Rubber: Effect of Stearamide Adding on the Rheological Behavior	2023	2626		130003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161451084&doi=10.1063%2f5.0136050&partnerID=40&md5=ca6672fd2e65aa1c43406cf9f3831a71	Chemical Engineering Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Chemistry Science Department, Universitas Sumatera Utara, Medan, 20155, Indonesia	Surya, I., Chemical Engineering Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ginting, M., Chemistry Science Department, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Siregar C.T., Pasaribu Y.M.K., Nasution S.Z., Zulkarnain, Harahap M.P.H.	The Relationship of Family Support and Self-Acceptance of Haemodialysis Patients in Medan	2023	2626		50001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161450937&doi=10.1063%2f5.0149996&partnerID=40&md5=8a438aee07de6559a46b304285f56188	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Psychology, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Nasution S.Z., Phona D.R., Siregar C.T., Lufthiani, Amal M.R.H.	Society Behaviors in Overcoming Bruise by Using Nutmeg Seed	2023	2626		50005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161450793&doi=10.1063%2f5.0136186&partnerID=40&md5=7fbfc1563f8c86b0b1d0c0c7c32c492f	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Law, Medan Area University, Medan, Indonesia		Conference Paper	Scopus
Batubara R., Hanum T.I., Affandi O., Aulia K., Anggraini L.O.	Consumers' Preference for Jeruju Leaves Tea with Innovative Variants of Ginger, Jasmine, and Lemongrass Flavors	2023	2626		20005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161449804&doi=10.1063%2f5.0136516&partnerID=40&md5=3dbe90a2a601239d2143d6b3c1b2f8d0			Conference Paper	Scopus
Harahap I.N., Batubara R., Hanum T.I., Sumantri I.B.	Antioxidant Activity of Gaharu (Aquilaria malaccensis Lamk.) Leaves Tea in Ready-to-Drink Packages Base on Storage Time	2023	2626		20003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161447615&doi=10.1063%2f5.0136515&partnerID=40&md5=e3ff8168557cd725417227ccd740bf95	Faculty of Forestry, Universitas Sumatera Utara, Medan, 2015, Indonesia; Faculty of Pharmacy, Universitas Sumatera Utara, Medan, 2015, Indonesia		Conference Paper	Scopus
Tarigan J.Br., Perangin-Angin S.	In Situ Synthesis Bio-composite Bacterial Cellulose and Galactomannan Arenga pinnata Merr	2023	2626		60001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161446339&doi=10.1063%2f5.0149709&partnerID=40&md5=6010898066744d946c4b83b39b70a3cb	Departement of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia	Tarigan, J.Br., Departement of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Perangin-Angin, S., Departement of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Imelda F., Santosa H., Lumbanraja S., Lumongga N.	The Effect of e-Education on Husbands' Support for Wives in Early Detection of Cervical Cancer in Medan, North Sumatera	2023	2626		50008					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161445969&doi=10.1063%2f5.0136041&partnerID=40&md5=c7bace30603f7dbbc5f297f3fe72b487	Faculty of Public Health, Universitas Sumatera Utara, Medan, 20155, Indonesia; Faculty of Medicine, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Gea S., Marpongahtun, Nasution D.Y., Pasaribu K.M., Amaturrehman S.A., Piliang A.F., Siahaan R.C.	The Characterization of Agitated Bacterial Cellulose-based Paper Synthesized at Various Rotational Speeds	2023	2626		40021					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161444274&doi=10.1063%2f5.0136601&partnerID=40&md5=e97cc8285661d2df77709d3eb1d0a587			Conference Paper	Scopus

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Lufthiani, Karota E., Siregar C.T., Ariga R.A., Nasution S.Z., Tanjung D., Wardani A.	Parents’ Role in Monitoring the Children’s Growth and Development	2023	2626		50006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161441387&doi=10.1063%2f5.0136038&partnerID=40&md5=4e98be5c84162337a14050ab1d4fcb5	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Hardiyanti R., Suharman S., Arrazi Z.A., Sinaga M.Z.E., Hartanto A.	Chemical Characteristics of Modified Désirée Potato Starch-Chitosan Edible Films	2023	2626		30013					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161440660&doi=10.1063%2f5.0136084&partnerID=40&md5=04318e5e4fb6dd92f4bcf5d8388c4f			Conference Paper	Scopus
Maghfirah A., Priscila P., Sahara L., Istiqomah N.	Effect of Addition of Coffee Bean Shell Fiber and Zinc Oxide to Bioplastic Starch Porang (Amorophallus Oncophyllus) with Glycerol Plasticizer	2023	2626		40004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161439623&doi=10.1063%2f5.0136615&partnerID=40&md5=691c1fd3a10d9d04596a7f042891a038	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Cahyady B., Alfian Z., Zuhra C.F., Lenny S., Taufik M.	Analysis of Active Carbon Adsorbent Composite Based on Chitosan-Coated Pulp Waste Sludge for Adsorption of Cadmium	2023	2626		150002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161439568&doi=10.1063%2f5.0136965&partnerID=40&md5=8378b233a345ad48ce3c2b36dc10e5ca	Chemistry Department, Faculty of Mathematic and Natural Science, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Purba H., Marpongahtun, Andriyani, Septevani A.A., Sitepu E.	Charaterization of Nanocellulose from Liquid Wasted of Tofu by Acetobacter xylinum	2023	2626		40020					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161438566&doi=10.1063%2f5.0136106&partnerID=40&md5=a611f7319fba37a603e0c0a0e9aea6fe			Conference Paper	Scopus
Surya I., Ginting M.	The Stearamide Adding for Improving the Strength of Styrene Butadiene/Carbon Black Compounds	2023	2626		130002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161436790&doi=10.1063%2f5.0136048&partnerID=40&md5=cade71478f7698f0a26365043c6dcc4e	Chemical Engineering Department, Universitas Sumatera Utara, Medan, Indonesia; Chemistry Science Department, Universitas Sumatera Utara, Medan, Indonesia	Surya, I., Chemical Engineering Department, Universitas Sumatera Utara, Medan, Indonesia; Ginting, M., Chemistry Science Department, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus
Karota E., Aulia I., Lufthiani, Nasution S.Z., Nasution S.S.	Effect of Preconception Care Education by Using the SIEPRA Application among Women of Child-Bearing Age	2023	2626		160002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161434790&doi=10.1063%2f5.0136269&partnerID=40&md5=88b17fbc052194e33000f0c4b657884c	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Science Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Zuhra C.F., Andriyani, Sinaga M.Z.E., Suharman S., Pandiangan F.S.	Synthesis of Succinate-modified Starch through Succinylation of Breadfruit Starch (Artocarpus altilis) with Succinic Acid	2023	2626		60007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161434050&doi=10.1063%2f5.0136098&partnerID=40&md5=520600f59c5343973f68494d5e598a45	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Taufik M., Ardilla D., Cahyady B., Alfian Z., Razali M., Susilawati E., Afniwati A.	Sonication Technique for Nicotine Extraction from Saliva and Urine	2023	2626		140001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161433925&doi=10.1063%2f5.0136094&partnerID=40&md5=caaf5eff9d5a09c55fc9c0301188e1e4			Conference Paper	Scopus
Pratama A., Noer Z., Akbar G., Annisa R.D., Misran E., Karolina R., Ikhwannuddin	Synthesis and Characterization of Nanocellulose from Durian (Durio zibethinus) Peel Waste	2023	2626		130001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161432628&doi=10.1063%2f5.0136071&partnerID=40&md5=b70f76cc64fb8fe8cbb7b7ac8a02e359			Conference Paper	Scopus
Priyani N., Saragih R.F., Munir E.	Carbofuran Degradation by Local Strain of Pseudomonas: Studying the Enzyme Involved	2023	2626		60004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161432281&doi=10.1063%2f5.0136147&partnerID=40&md5=0ab9ad8752e60a1aee8637a2d6f88b03	Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Mawardi, Wirjosentono B., Ambarita H., Koto J.	Study of Mechanical Properties of Copper-Tin Alloy for Shell & Tube Type Heat-Exchange on Ocean Thermal Energy Conversion Power Plant	2023	2626		40018					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161427102&doi=10.1063%2f5.0136123&partnerID=40&md5=2551e4c3a9ad26b236cd00160701fc06			Conference Paper	Scopus
Taufik M., Cahyady B., Alfian Z., Ardilla D., Razali M., Youngest R., Susilawati E., Afniwati A., Fauzi Z.I.	Laboratory Investigation Applications in Identification and Analysis of Worn Out Blood Samples of Murder Victims Using Infrared Spectroscopy	2023	2626		140003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161425761&doi=10.1063%2f5.0136091&partnerID=40&md5=aabcb44a6e07a597628e95a49671d105			Conference Paper	Scopus

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Rosidah, De Lux Putra E., Muhammad M., Nasri, Satria D.	Antibacterial Activity of Curcuma domestica Vahl. Rhizome Extract Using Microwave Assisted Extraction Method	2023	2626		30003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161423202&doi=10.1063%2f5.0136224&partnerID=40&md5=a93d4b4dc541327dc5e539d8fb7e57b5			Conference Paper	Scopus
Aritonang S.P., Siburian R., Ali A.M.M., Tamrin	Application of Fe 30% Mass on Graphene as Potential Electrode on Cell Battery	2023	2626		40014					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161420996&doi=10.1063%2f5.0136011&partnerID=40&md5=74a5c956d9627427108ea868141b2ed4			Conference Paper	Scopus
Hasibuan P.A.Z., Lubis M.F., Keliat J.M., Azizah N.	Cytotoxic Test Combination of Ethyl Acetate Extract Africant Leaves (Vernonia amygdalina Delille) and Gemcitabine on PANC-1 Cells	2023	2626		30004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161415172&doi=10.1063%2f5.0149754&partnerID=40&md5=c38de4412890815f9489808d315da6f6	Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Muhammad M., De Lux E., Satria D., Nasri	Variation of Extraction Method of Vernonia amygdalina Delille Leaves Ethanol Extract as Antibacterial against Streptococcus mutans and Candida albicans	2023	2626		30002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161414076&doi=10.1063%2f5.0136221&partnerID=40&md5=911561e7aa7b7500129df02cb781e4b0			Conference Paper	Scopus
Suharman S., Sembiring W.S., Prayogo I., Warman D.A., Alhudawy M.N., Pratama Y.	Carbon Nanofibers Biosensor from Kecombrang Rod (Etlinger elatio) for Prostate Cancer Biomarker Sensing	2023	2626		40009					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161409253&doi=10.1063%2f5.0136018&partnerID=40&md5=011340b4c4c66706c6fb72e356ed68fa			Conference Paper	Scopus
Surya I., Ginting N.G.B., Siregar N.	Extraction and Characterization of Silicon Dioxide Based on a Bottom Ash Waste of a Palm Oil Mill Boiler	2023	2626		70004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161408877&doi=10.1063%2f5.0136045&partnerID=40&md5=f2c11e2ba0a8eb3351ff2bbd79c12aa5	Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Dalimunthe A., Pertiwi D., Muhammad M., Asfianti V., Satria D.	The Effect of Ethanol Percentage as Solvent towards Antioxidant Activity of Picria fel-terrae Lour. Herbs	2023	2626		30005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161408584&doi=10.1063%2f5.0136102&partnerID=40&md5=6b2ef9251fcedc6a25358deadeac9a			Conference Paper	Scopus
Nasution S.S., Karota E., Pramita R.	The Effectiveness of Moringa Leaf Consumption Interventions in Increasing Breast Milk Production and Postpartum Mother Health Status during the Covid 19 Pandemic in the Medan Johor Sub-district	2023	2626		50011					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161407187&doi=10.1063%2f5.0136266&partnerID=40&md5=400f0edc7aae1a9571903133b7612b5b	Department of Maternity and Pediatric Nursing, Faculty of Nursing, Universitas Sumatra Utara, Jl. Prof. Maas, Medan, 20155, Indonesia		Conference Paper	Scopus
Sinaga M.Z.E., Zuhra C.F., Lenny S., Hardiyanti R., Zaidar E., Haditia M.	Antibacterial and Antioxidant Activity of Fish Protein Hydrolysate from Mahseer (Tor tambroides)	2023	2626		30016					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161406942&doi=10.1063%2f5.0136087&partnerID=40&md5=dd65ad5db50d9ff0c618f331e029059c	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Centre of Excellence for Chitosan and Advanced Materials, Universitas Sumatera Utara20155, Indonesia		Conference Paper	Scopus
Zuhra C.F., Sinaga M.Z.E., Suharman S., Nasution R.A.S., Manullang H., Ginting N.M., Sebayang Y.H., Nurhadija S.	Utilization of Breadfruit Starch Nanoparticle (Artocarpus altilis) as Oil-in-Water Microemulsion as Drug Delivery Matrix	2023	2626		60006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161406464&doi=10.1063%2f5.0136100&partnerID=40&md5=a26ea0d8df9a6d8f60fe22acc3f16e7a	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Department of Pharmacy, Faculty of Pharmacy, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Imelda F., Santosa H., Lumbanraja S., Lumongga N.	Screening for Early Detection of Cervical Cancer with Pap-smear Examination During the Covid 19 Pandemic in Medan	2023	2626		50004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161405287&doi=10.1063%2f5.0136049&partnerID=40&md5=fdca743a6a24a84aa9981259b8dd994f	Faculty of Nursing, Universitas Sumatera Utara, Medan, 20155, Indonesia; Faculty of Public Health, Universitas Sumatera Utara, Medan, 20155, Indonesia; Faculty of Medicine, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Sinaga M.Z.E., Bulan R., Hardiyanti R., Zaidar E., Zuhra C.F., Lenny S., Thalia N.	Edible Coating of Tomato (Solanum lycopersicum) using Carboxymethyl Cellulose (CMC) from Bagasse	2023	2626		40017					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161402379&doi=10.1063%2f5.0136086&partnerID=40&md5=2f394a875220f202413d9a34ac94364a			Conference Paper	Scopus

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Sertifikasi
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Sinaga M.Z.E., Susilowati A., Lenny S., Hardiyanti R., Zaidar E., Nurussobah R.	Mouthwash Preparation from Raru Bark Extract (Cotylelobium melanoxylo) As an Inhibitor of Streptococcus mutans and Candida albicans	2023	2626		30008					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161402252&doi=10.1063%2f5.0136088&partnerID=40&md5=199e94a59649e1cce6619d517374dde8			Conference Paper	Scopus
Muhdi, Elfiati D., Hanafiah D.S., Manalu A.C.P., Naibaho E.	Soil Carbon Organic and Cation Exchange Capacity (CEC) on Rubber Agroforestry Land and Rubber Monoculture Land, Simalungun Regency, North Sumatra, Indonesia	2023	2626		20001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161401520&doi=10.1063%2f5.0136174&partnerID=40&md5=947d686968c1d8c23c58bdc66fc6dcdf	Faculty of Forestry, Universitas Sumatera Utara, Jln. Tridharma Ujung No. 1, Medan, Indonesia; Faculty of Agriculture, Universitas Sumatera Utara, Jln. Dr. Sofyan No. 3, Medan, Indonesia		Conference Paper	Scopus
Andriyani, Marpongahtun, Suharman S., Daulay A.	Application Mesoporous Silica with Methyl Ester Ricinoleate Castor Oil (Ricinus communis) as Template in Absorbent of Cd Ions	2023	2626		70002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161400854&doi=10.1063%2f5.0136126&partnerID=40&md5=a451513d9ec4ef0681a03a1506d1f3da			Conference Paper	Scopus
Santosa H., Imelda F., Lubis N.L.	The Synthetic Vitamins Consumption and Immunity of the Medan Johor Community, Medan, Indonesia During the Covid-19 Pandemic	2023	2626		50007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161398129&doi=10.1063%2f5.0136052&partnerID=40&md5=4f3c5a90c711e79d855ecb67a7ee472	Faculty of Public Health, Universitas Sumatera Utara, Medan, 20155, Indonesia; Faculty of Nursing, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Ariga R.A.	Problem Solving of Nursing Resources with Lean Six Sigma Method at USU Hospitals	2023	2626		50009					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161395571&doi=10.1063%2f5.0136063&partnerID=40&md5=b942ffac4e60f331fa3fe033f2d1f25	Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia	Ariga, R.A., Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus
Surya I., Harahap K.A.	Synthesis and Characterization of Precipitated Silica from Coal Fly Ash	2023	2626		70003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161395166&doi=10.1063%2f5.0136044&partnerID=40&md5=58c74d8f3306b741be33de9426e67455	Chemical Engineering Department, Universitas Sumatera Utara, Medan, 20155, Indonesia	Surya, I., Chemical Engineering Department, Universitas Sumatera Utara, Medan, 20155, Indonesia; Harahap, K.A., Chemical Engineering Department, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Zaidar E., Harahap F.M., Hardiyanti R.	Formulation of Black Turmeric (Curcuma caesia Roxb) Rhizome into Hand Sanitizer with Antibacterial Properties	2023	2626		30012				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161394820&doi=10.1063%2f5.0136095&partnerID=40&md5=cf61d832f270d44b267de97c77c7e75b	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Siahaan U., Wirjosentono B., Nasution D.Y., Zuhra C.F., Nasution D.A., Siahaan T.N.	Mechanical, Morphological and Thermal Characteristics of Diocetylphthalate-plastisised Polyvinylchloride Resin Containing Sepiolite Clays	2023	2626		40015					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161394794&doi=10.1063%2f5.0136124&partnerID=40&md5=4d05b1731ce22d640045361e15347dcf	Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia, Penang, Malaysia		Conference Paper	Scopus
Lubis N., Gea S., Tamrin, Tarigan J.	Lignocellulosic Analysis from Oil Palm Empty Fruit Bunches and Crystallinity Index Analysis of Cellulose Nanofibers Isolated Via High Pressure Steam Explosion	2023	2626		40006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161394661&doi=10.1063%2f5.0136077&partnerID=40&md5=d1442bf933d2d97b0f979f772311d9d5			Conference Paper	Scopus
Lubis H., Rianna M., Lubis R.Y., Hasibuan E.S., Siregar I., Sofie T.M.	Synthesis and Characterization of Rice Husk Activated Carbon as Filler in Lightweight Concrete	2023	2626		40025					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161393544&doi=10.1063%2f5.0136148&partnerID=40&md5=50f44fd74c99d7d6b83fa56a26b70b19			Conference Paper	Scopus
Surya I., Marpongahtun	The NR/Silica/Silane Composites: Study on The Crosslinks Behaviour and Tensile Strength	2023	2626		40016					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161390130&doi=10.1063%2f5.0136043&partnerID=40&md5=72a558af51b281cb9a162cde2795543a	Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Department of Chemistry Science, Universitas Sumatera Utara, Medan, 20155, Indonesia	Surya, I., Department of Chemical Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia; Marpongahtun, Department of Chemistry Science, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Hardiyanti R., Suharman S., Arrazi Z.A., Sinaga M.Z.E., Hartanto A.	Physical Properties of Modified Désirée Potato Starch-Chitosan Edible Films	2023	2626		30014					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161390124&doi=10.1063%2f5.0136083&partnerID=40&md5=19a13f2321fe73806363a4bc543d4518			Conference Paper	Scopus
Masfria, Dalimunthe A., Syahputra H., Sumantri I.B., Ersu F.	Standardization Study of Simplicia Nanoparticle from Phyllanthus emblica L. Fruit	2023	2626		30006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161389875&doi=10.1063%2f5.0136118&partnerID=40&md5=470c1d13b5e7d91ce49770319b905d6b			Conference Paper	Scopus

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Brahmana E.M., Kaban J., Haro G., Ginting M.	Synthesis and In Vitro Cytotoxic Activity of Compounds (E)-1-(3-bromophenyl)-3-(4-chlorophenyl)prop-2-en-1-on using Breast Cell Line (MCF-7)	2023	2626		120002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161388563&doi=10.1063%2f5.0136036&partnerID=40&md5=f36c4eb77528b35c1ff29201a54eae8			Conference Paper	Scopus
Sembiring H.Br., Zahara A.	Isolation and Identification of Flavonoida Compound from Hujan Emas Leaves (Galphimia speciosa C. E. Anderson)	2023	2626		30019					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161388247&doi=10.1063%2f5.0149806&partnerID=40&md5=215fec03fd5d529b812dd3df878e5f06	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Lenny S., Sembiring H.B.	Qualitative Determination of Secondary Metabolites and Antioxidant Activity of Betel (Piper betle L.)	2023	2626		30010					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161388032&doi=10.1063%2f5.0136075&partnerID=40&md5=3bf438d716b4f9bfd7a8723cb4294c20	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Tarigan A.S., Wirjosentono B., Zuhra C.F., Zulnazri	Preparation of Low Crystallinity Nanocellulose Using Acid Hydrolysis	2023	2626		40019					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161387028&doi=10.1063%2f5.0136122&partnerID=40&md5=22f9e10efacd39eeb3b919029be7a412			Conference Paper	Scopus
Lenny S., Zuhra C.F.	Antibacterial Properties of Breadfruit (Artocarpus altilis) Leaves Extracts	2023	2626		30009					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161386731&doi=10.1063%2f5.0136073&partnerID=40&md5=a3ff34bb96ee88582579b838d1c2cd58	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Agusnar H., Yunita F., Yuandani, Utami N.M.	Synthesis and Characterization of Silver Nanoparticle Chitosan as Toothpaste with Antimicrobial Activity	2023	2626		30018					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161386232&doi=10.1063%2f5.0136140&partnerID=40&md5=7a64ce02f5ca484bbbff0fdb7f5db7d6	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Center of Excelent Chitosan and Advanced Materials, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Taufik M., Ardilla D., Cahyady B., Alfian Z., Razali M., Fauzi Z.I.	Application of Solid Phase Extraction in Lard Separation in Pork Jerky and Analysis using FTIR Spectroscopy	2023	2626		140002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161384578&doi=10.1063%2f5.0136093&partnerID=40&md5=7a79393d20b8623dc786473a9717ebd3			Conference Paper	Scopus
Hardiyanti R., Firmansyah E., Samosir A.K., Sitepu M.P.B., Siagian N.B.	Chemical Characteritics of Chitosan from Common Carp (Cyprinus carpio) Scales	2023	2626		30015					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161380383&doi=10.1063%2f5.0136082&partnerID=40&md5=624247b99bf6e354b057f4e2ff6a73f0			Conference Paper	Scopus
Zuhra C.F., Sinaga M.Z.E., Suharman S., Nasution R.A.S., Nurhadija S.	Oxidation of Breadfruit Starch (Artocarpus altilis) using Hydrogen Peroxide	2023	2626		60005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161379080&doi=10.1063%2f5.0136101&partnerID=40&md5=e6f61960eb42215ee1dbf2f195d1a242	Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Surya I., Sianturi S., Siregar H.D., Meliala G.V., Tarigan H.V.	Effect of Sodium Metabisulphite (SMBS) and Hydroxylamine Sulphite (HNS) on the Mooney Viscosity, PRI, ASHT and Color of Dry Crumb Rubber	2023	2626		130004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161377007&doi=10.1063%2f5.0136051&partnerID=40&md5=9e4c1a274d607a66690f861281008415	Chemical Engineering Department, Engineering Faculty, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Susilawati, Sihombing Y.A., Rahayu S.U., Sembiring Y.Y.B., Waldiansyah L., Irma M.	Zeolite Filter-Activated Charcoal Cocoa Bark As Ammonium Absorbing Material in Greywater Waste	2023	2626		40012					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161374456&doi=10.1063%2f5.0136201&partnerID=40&md5=f8eb40a51920b5bbca6e8aa373d8cd6d	Physic Department, Faculty of Mathematic and Natural Science, Universitas Sumatera Utara, North Sumatra, Medan, 20155, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Banurea R., Nasution T.I., Nainggolan I., Balyan M., Lubis N.S.	Characterization Using SEM and Testing the Sensing Properties of Chitosan Film Sensors with the Addition of Tin Oxide	2023	2626		40005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161374379&doi=10.1063%2f5.0136066&partnerID=40&md5=a0b33210dcf4fef6885425ac1b6073d8			Conference Paper	Scopus
Suharman S., Hardiyanti R.	An Azo/Hydrazone-Based Chemosensor for Anion Detection in Acetonitrile: Synthesis and Spectroscopic Study	2023	2626		110002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161372686&doi=10.1063%2f5.0136028&partnerID=40&md5=16db14677a660b46c155c4b389b2cc7a	Department of Chemistry, FMIPA, Universitas Sumatera Utara, Jl. T. Dr. Mansyur No. 9, Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus

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Maghfirah A., Susilawati, Sahara L., Istiqomah N., Priscila P.	Effect of storage time of biodegradable plastic porang starch with glycerol plasticizer on mechanical and thermal properties	2023	2595		30002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160951496&doi=10.1063%2f5.0123884&partnerID=40&md5=58417569345c8aa57a09f459f6d475ea	University of North Sumatra, North Sumatra, Indonesia		Conference Paper	Scopus
Azhari, Hilman A., Karolina R., Saregar A., Mulyasari R.	Physical and mechanical properties of commercial fish feed with addition of fish scales and starch	2023	2595		30007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160946920&doi=10.1063%2f5.0123620&partnerID=40&md5=b40df1579e559e5075c1504561406e0b			Conference Paper	Scopus
Maghfirah A., Susilawati, Istiqomah N., Sahara L., Priscila P.	Utilization of porang starch (Amorphophallus oncophyllus Prain) and chitosan in the production and characterization of bioplastics	2023	2595		30006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160916988&doi=10.1063%2f5.0123883&partnerID=40&md5=e5e17c4cd139a7856203c617b2d96a13	University of North Sumatra, North Sumatra, Indonesia		Conference Paper	Scopus
Karolina R., Handana M.A.P., Setiawan W., Azhari	The compressive strength of concrete by adding an admixture dispersion graphene oxide	2023	2595		30010					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160905555&doi=10.1063%2f5.0126071&partnerID=40&md5=10654014ad4b7e737dab85ec6e69e8c0	Civil Engineering Departement, Universitas Sumatera Utara, Medan, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Surbakti S.H.S., Sitorus T.B., Purba J.S., Hutabarat W.O.D., Yudha G.J.	Experimental Study of An EAHE Combined with A Solar Collector and A Solar Panel	2023	2674		30059					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160664818&doi=10.1063%2f5.0129313&partnerID=40&md5=07191899cb0bee7f256d5d70b9235a73	Mechanical Engineering, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Purba J.S., Sitorus T.B., Surbakti S.H.S., Hutabarat W.O.D., Yudha G.J.	Study On EAHE System Combined with Several Components in the Medan City	2023	2674		30060					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160664696&doi=10.1063%2f5.0129314&partnerID=40&md5=567eebbcaa79e7fbaa103c604d76b3b	Department of Mechanical Engineering, Universitas Sumatera Utara, Jalan Dr. T. Mansur No.9, Padang Bulan, Kec. Medan Baru, Kota Medan, Sumatera Utara, 20222, Indonesia		Conference Paper	Scopus
Saragi G.J., Sitorus T.B., Hutabarat W.O.D., Surbakti S.H.S., Purba J.S.	The Performance Of An Earth-Air Heat Exchanger By Using A Solar Chimney	2023	2674		30061					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160624831&doi=10.1063%2f5.0129315&partnerID=40&md5=c2d44557784ae22bf02d7a0c78b714f2	Mechanical Engineering, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Mathelinea D., Chandrashekar R., Mawengkang H.	Stationarity test for medicine time series data	2023	2714		30049					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160275480&doi=10.1063%2f5.0128444&partnerID=40&md5=2334d6f2c6eb1c7464d753516802d94d	Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Sinaga R.F., Sutarman, Tulus, Darnius O., Mawengkang H.	A framework of nonparametric regression to predict natural gas demand	2023	2714		30041					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160275211&doi=10.1063%2f5.0128460&partnerID=40&md5=c3412e19fe97b17a8592ec3aceb81606	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Priyanto D., Zarlis M., Efendi S.	The Mars method approach in the analysis of earthquake hazard predictions in Sumbawa	2023	2714		30055					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160272308&doi=10.1063%2f5.0128533&partnerID=40&md5=5bea9916cb3d9378e56c1b55cf4ae249	Department of Software Engineering, Faculty of Engineering, Universitas Bumigora, Mataram, Indonesia; Department of Computer Science, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Lilis, Sitompul O.S., Sutarman, Suwilo S., Mawengkang H.	Optimization for support chain planning of crude oil industry	2023	2714		20050					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160271020&doi=10.1063%2f5.0128452&partnerID=40&md5=64c2014199d14f769c8df7d1e2e9044f	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Solikhun, Efendi S., Zarlis M., Sihombing P.	Analysis of the quantum perceptron algorithm for classification of bank marketing data	2023	2714		30002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160266165&doi=10.1063%2f5.0129287&partnerID=40&md5=08fce44b4f99cc07dadf803919203c2f	Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus

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Sirait S.V., Tulus, Mardiningsih	Heat transfer in non-Newtonian fluid	2023	2714		20056					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160265317&doi=10.1063%2f5.0133901&partnerID=40&md5=28b0aef3702130650015674b445b1e37	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Husain, Mawengkang H., Mathelinea D., Fitriani N., Detinty A.B.	Designing a dynamic model of waste management to get a sustainable living condition	2023	2714		30046					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160265044&doi=10.1063%2f5.0128473&partnerID=40&md5=7c45c537c346077bfb6e0d82ae12d3ed			Conference Paper	Scopus
Nasution M.K.M., Elveny M., Syah R.	Multiple-objective as decisions in computing	2023	2714		30023					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160261974&doi=10.1063%2f5.0134508&partnerID=40&md5=5657bbe27a7e6c5ace8c1189b756f946	Fakultas Ilmu Komputer Dan Teknologi Informasi, Universitas Sumatera Utara, Kampus USU, Padang Bulan, Medan, 20155, Indonesia; Informatics Department, Universitas Medan Area, Medan, Indonesia		Conference Paper	Scopus
Situmorang A.S., Mawengkang H., Tulus, Sitompul O.S.	A constrained based approach for solving the multi-period single sourcing problem	2023	2714		30038					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160260553&doi=10.1063%2f5.0128478&partnerID=40&md5=4ba45c1b305d9b42794eaf0814cd6f9a	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Sinaga J.A., Tulus, Mawengkang H., Nasution M.K.M.	A sustainable forest planning model with water allocation optimization for power plant	2023	2714		30044					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160257990&doi=10.1063%2f5.0128483&partnerID=40&md5=1254b2a16c594b81fc7d589f33fc8b49	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Ritonga D.P.S., Sutarmam, Efendi S.	Data envelopment analysis to determine the size of productive scale with real and integer value data	2023	2714		20059					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160256345&doi=10.1063%2f5.0132968&partnerID=40&md5=5ef163e13b71d3fa281144ea294f9634	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Ginting E.S., Mathelinea D., Mawengkang H.	Financial optimization using stochastic programming model	2023	2714		30030					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160256062&doi=10.1063%2f5.0128472&partnerID=40&md5=dfcbd3cf4f307a7c4b71d6542cf71ab9	Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia; Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Harahap T.H., Mawengkang H., Suwilo S., Sutarmam	Multi-Criteria decision making model for CSR program planning in the direction of a sustainable CPO industry	2023	2714		30045					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160255510&doi=10.1063%2f5.0128455&partnerID=40&md5=1da86565de733c15a4c7b6f7b990532b	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Purnomo M., Sawaluddin, Gultom P.	Mathematics model for location routing problems with intermediate transfer stations on waste	2023	2714		30051					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160254997&doi=10.1063%2f5.0145086&partnerID=40&md5=0d6df67b0917fb335d3240f5dcaa9eb	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Nababan A.A., Sutarmam, Zarlis M., Nababan E.B.	Improving the accuracy of k-nearest neighbor (k-NN) using Synthetic Minority Oversampling Technique (SMOTE) and Gain Ratio (GR) for imbalanced class data	2023	2714		30012					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160251548&doi=10.1063%2f5.0128413&partnerID=40&md5=8003e3b740e64b3b37b3ec519a926caf			Conference Paper	Scopus
Nasution M.K.M., Elveny M., Syah R.	Research methodology for computer science	2023	2714		20030					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160251388&doi=10.1063%2f5.0134511&partnerID=40&md5=7284b3a0f8fcd62b4a66c0a1d90835c2	Fakultas Ilmu Komputer Dan Teknologi Informasi, Universitas Sumatera Utara, Kampus USU, Padang Bulan, Medan, 20155, Indonesia; Informatics Department, Universitas Medan Area, Medan, Indonesia		Conference Paper	Scopus

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Daulay R.P., Darnius O., Herawati E.	Monte Carlo's simulation method from the law of large numbers on Chebyshev's inequality	2023	2714		20055					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160220673&doi=10.1063%2f5.0146688&partnerID=40&md5=eee1fb03152ff4e9b3acfe3af519758a	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Addini P.F., Suwilo S., Mawengkang H.	Multi-objective optimization model supply chain network design by considering supply uncertainty	2023	2714		20054					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160217465&doi=10.1063%2f5.0128479&partnerID=40&md5=2905f914079324577a08bb259e5a53f1	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Cipta H., Suwilo S., Sutarman, Mawengkang H.	On solving robust optimization using decomposition approach	2023	2714		30039					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160216337&doi=10.1063%2f5.0128480&partnerID=40&md5=50dd389d7c9c2b4d17e23ac044cb9714	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Puteri I.R., Tarigan K., Sinambela M., Humaidi S., Situmorang M., Sembiring K., Hartanto, Sugiyono	Variability of the thermocline layers during Indian Ocean dipole phenomenon in the western waters of Sumatra	2023	2480		20003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160097732&doi=10.1063%2f5.0104847&partnerID=40&md5=b24afc1ff10542ce693e763062787d46	Indonesian Agency for Meteorology, Climatology, Geophysics (BMKG), Medan, Indonesia; Department of Physics, Faculty of Mathematics and Natural Sciences, North Sumatra University, Medan, Indonesia		Conference Paper	Scopus
Manalu A., Tarigan K., Humaidi S., Ginting M., Sebayang K., Hamid M., Rianna M., Subhan A., Sebayang P.	Study and characterizations of NiCo2O4/rGO as candidate of supercapacitor electrodes material performance	2023	2480		20001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160095647&doi=10.1063%2f5.0104830&partnerID=40&md5=28963e1b8f42a35d221a58673f26bb80	Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Research Center for Physics, Indonesian Institute of Sciences (LIPI), Tangerang Selatan, Banten, 15314, Indonesia		Conference Paper	Scopus
Aritonang S.P., Siburian R., Tamrin, Ali A.M.M.	Synthesis and characterization of Fe on graphene nanosheets	2023	2480		40006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160092228&doi=10.1063%2f5.0104018&partnerID=40&md5=7f5204df64340baff007cae7ca3c3e8e			Conference Paper	Scopus
Khairiah, Frida E., Sebayang K., Sinuhaji P., Humaidi S.	Banana peels activated carbon performance for the remediation of lead contaminated heavy metal water (Pb)	2023	2480		20004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160081157&doi=10.1063%2f5.0107023&partnerID=40&md5=5ef56ce6f66e9011ed36c1e2ef85aa25	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		Conference Paper	Scopus
Purba F.J., Tarigan K., Humaidi S., Sebayang K.	Preparation of Cu2O/ZnO nanocomposites for visible light photocatalytic activity for methylene blue degradation	2023	2480		20005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160069143&doi=10.1063%2f5.0105538&partnerID=40&md5=6cb3f5af8f7a98a7de05234e4803d366	Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Noer Z., Rahayu S.U., Marlina H.A., Handoko F., Rahardi S.S., Septawendar R., Sunendar B.	Electrochemical performance of sodium titanate nanorods for sodium-ion battery anode applications	2023	2480		20007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160061385&doi=10.1063%2f5.0106386&partnerID=40&md5=bc3522e59679866f789e3b9bf2d5d9f7			Conference Paper	Scopus
Marpaung C.O.N., Situmorang M., Sinambela M., Nasruddin M.N., Sembiring K., Tarigan K., Hartanto, Sugiyono	The analysis of tidal, wave, and swell of tidal flood incidence in Belawan on 17 October 2020	2023	2480		20009					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160054885&doi=10.1063%2f5.0106052&partnerID=40&md5=761517cc1a8805af2ba18ba9b8c2f272	Indonesian Agency for Meteorology, Climatology, Geophysics (BMKG), Medan, Indonesia; Department of Physics, Faculty of Mathematics, Natural Sciences, North Sumatra University, Medan, Indonesia		Conference Paper	Scopus
Siregar J., Yuliarto B., Sebayang K., Sitorus Z., Humaidi S.	Synthesis and characterization of nanocomposites Fe3O4-ZnO	2023	2480		20006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160031221&doi=10.1063%2f5.0103553&partnerID=40&md5=a44c63d3547278a2caf2a142a1f1858e			Conference Paper	Scopus
Setiawan A., Khairil K., Nurjannah S., Nurmalita N., Fona Z.	Pine resin utilization as a binding agent for densification of coconut shells and rice husks at various pressures	2023	2719		20029					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160108896&doi=10.1063%2f5.0133273&partnerID=40&md5=8fd30e65c68a99e3c53d1d37220a3656			Conference Paper	Scopus
Ayu D.G., Gea S., Andriayani 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	8	17		14965	14984		4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154055717&doi=10.1021%2facsomega.2c07546&partnerID=40&md5=960a1860b4e9264857ca58d04f14f0f5			Article	Scopus

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Frida A.E.S., Siregar M.F.G., Sukatendel K., Marpaung J., Siregar H.S., Faradina D.	Differences of Serum Total Antioxidant Capacity Levels in Women with Early Menopause and Normal Menopause	2023	15	3		269	272			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166778909&doi=10.5005%2fjp-journals-10006-2246&partnerID=40&md5=5cd8c16d2e938c6409f5ad22db9df818			Article	Scopus
Pertiwi D., Hartati R., Julianti E., Fidianny I.	Study Antioxidant and Antibacterial activity of Artocarpus: A Review	2023	16	5		2531	2536			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166110033&doi=10.52711%2f0974-360X.2023.00416&partnerID=40&md5=5fbdf8b375b2773904ae748c0314c152			Review	Scopus
Haryanto B., Tarigan K., Alexander V.	COMPARISON OF ADSORBING ON DISSOLVED COPPER METAL BY NATURAL AND ACTIVATED CARBON FROM RAMBUTAN (Nephelium Sp.) RODS	2023	18	9		1001	1008			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166005718&doi=10.59018%2f0523131&partnerID=40&md5=569a0d8e147fdcc798bd0f53087400c2	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Padang Bulan, Medan, Indonesia		Article	Scopus
Rumahorbo C.G.P., Situmorang P.C., Zagoto E.R.M.P., Nisfa L., Hasanah U.		2023	11	3		537	546			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165717890&doi=10.56499%2fjppres23.1618_11.3.537&partnerID=40&md5=edfd70f5280f6b050ba7c4d9233fce04	Study Program of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Indonesia		Article	Scopus
Andini N., Rohmawati L., Fikri E., Mardina B.	The association between premature rupture of membranes (PROM) and preterm gestational age with neonatal sepsis: a systematic review and meta-analysis	2023	63	3		152	161			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165157558&doi=10.14238%2fpi63.3.2023.152-61&partnerID=40&md5=10d71dc0f9c58b85e724a82e515a58a2			Article	Scopus
Simarmata M.P., Rosdiana N., Wahyuni A.S.	Differences in induction phase outcomes of acute lymphoblastic leukemia between well-nourished and malnourished pediatric patients	2023	63	3		146	151			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164013452&doi=10.14238%2fpi63.3.2023.146-51&partnerID=40&md5=4785103e65da03925c8e906d049ecd0c	Department of Child Health, Universitas Sumatera Utara Medical School, North Sumatera, Medan, Indonesia		Article	Scopus
Br Sinaga J.A., Tulus T., Mawengkang H., Nasution M.K.M.	Optimization Model of Integrated Sustainable Forest Management Planning for Hydropower Power Plant	2023	12	5		2001	2011			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163897107&doi=10.18576%2fisI%2f120540&partnerID=40&md5=b1d24be2a0baab2632f09dc82d5da79f			Article	Scopus
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/CeO2+ZrO2 composites via multiple pass friction stir processing	2023	24			9984	10004		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161318062&doi=10.1016%2fj.jmrt.2023.05.170&partnerID=40&md5=cd53351bbc2cd781c71e6ae7910a3acf			Article	Scopus
Arcelia F., Pasaribu A.P., Yanni G.N.	Effectiveness of dihydroartemisinin-piperaquine after 10 years as treatment for vivax malaria in Indonesia	2023	17	5		700	706			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161255533&doi=10.3855%2fjdc.16391&partnerID=40&md5=826f3f4c612c26c8d11364c75130d82c	Department of Child Health, Faculty of Medicine, University of Sumatera Utara, Medan, Indonesia		Article	Scopus
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	69	2		77	88		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160682912&doi=10.2478%2fforj-2023-0006&partnerID=40&md5=9a33ebdd80c7d1f680183cddb8344268			Article	Scopus
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	9	5	416					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160335983&doi=10.3390%2fpgels9050416&partnerID=40&md5=d430618023295af15e109eb336c9c498			Review	Scopus
Laila L., Candra A., Permata Y.M., Prasetyo B.E.	THE INFLUENCE OF CATHARANTHUS ROSEUS (L.) G. DON. ETHANOL EXTRACT IN CLOVE OIL NANOEMULSION: PHYSICAL CHARACTERIZATION, ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES	2023	15	3		254	260			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159904505&doi=10.22159%2fijap.2023v15i3.47138&partnerID=40&md5=443be1fd6863a6685bdfb9f64994b915			Article	Scopus
Alridiwersah, Basyuni M., Tampubolon K., Mustamu N.E.	The Similarity of Barnyardgrass Weed in Lowland Rice Fields Based on Seed Characteristics	2023	63	2		525	533			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159884696&doi=10.21608%2fjbo.2023.165026.2150&partnerID=40&md5=7b78cbfd68f05d4e1b7dff24423ad967			Article	Scopus

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Lubis N.Z., Nasution K., Paramita D.A.	Concentration of substance P in patients with atopic dermatitis with and without past history of treatment	2023	89	3		458	459			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159771098&doi=10.25259%2fIJDL_514_2021&partnerID=40&md5=cc697beab82f15806c463e8b4d78de98	Department of Dermatology and Venereology, Universitas Sumatera Utara Hospital, Universitas Sumatera Utara, Medan, Indonesia		Letter	Scopus
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	23	5	220412					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159760775&doi=10.4209%2faaqr.220412&partnerID=40&md5=3499224aaa51c8b5f0923889b854a8a4			Article	Scopus
Aswani A., Simatupang N.N., Yusuf M., Kasa Rullah Adha T.	Genre-Based Approach Implementation in Teaching Listening: A Case Study in Senior High School in Indonesia	2023	13	5		1197	1203			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159619878&doi=10.17507%2ftpls.1305.13&partnerID=40&md5=b1e3caff407b44908a1b2e787bc2db93	Politeknik Negeri Medan, Medan, Indonesia; Universitas Pendidikan Indonesia, Bandung, Indonesia; Universitas Sumatera Utara, Medan, Indonesia; Universitas Sumatera Utara, Medan, Indonesia	Aswani, A., Politeknik Negeri Medan, Medan, Indonesia; Simatupang, N.N., Universitas Pendidikan Indonesia, Bandung, Indonesia; Yusuf, M., Universitas Sumatera Utara, Medan, Indonesia; Kasa Rullah Adha, T., Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Adrian, Syahputra R.A., Juwita N.A., Astyka R., Lubis M.F.	Andaliman (Zanthoxylum acanthopodium DC.) a herbal medicine from North Sumatera, Indonesia: Phytochemical and pharmacological review	2023	9	5	e16159					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159570301&doi=10.1016%2fj.heliyon.2023.e16159&partnerID=40&md5=e0ea16ba6ca8221f611a9eaa6859d961			Review	Scopus
Widyawati T., Syahputra R.A., Syarifah S., Sumantri I.B.	Analysis of Antidiabetic Activity of Squalene via In Silico and In Vivo Assay	2023	28	9	3783					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159341588&doi=10.3390%2fmolecules28093783&partnerID=40&md5=fee1308cfc47943952175d5381b6963a			Article	Scopus
Sari M.I., Ilyas S.	Correction: The Expression Levels and Concentrations of PD-1 and PD-L1 Proteins in Septic Patients: A Systematic Review (Diagnostics, (2022), 12, 8, (2004), 10.3390/diagnostics12082004)	2023	13	9	1555					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159320678&doi=10.3390%2fdiagnostics13091555&partnerID=40&md5=3824239d01574b1a102c041298efa776	Department of Biochemistry, Faculty of Medicine, Universitas Sumatera Utara, Medan, 20155, Indonesia; Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia	Sari, M.I., Department of Biochemistry, Faculty of Medicine, Universitas Sumatera Utara, Medan, 20155, Indonesia; Ilyas, S., Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia	Erratum	Scopus
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	12	9	2149					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159215962&doi=10.3390%2felectronics12092149&partnerID=40&md5=943e253dc81d7f33e75250616b66fe69			Article	Scopus
Zulkarnain Z., Rahmadani V.G., Novliadi F., Nasution A.	Work Engagement, Work-Family Conflict and Personality Traits: Study Among Oil Palm Plantation Officers	2023	24	194		361	367			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158841606&doi=10.47750%2fQAS%2f24.194.40&partnerID=40&md5=1e70cb8f790ebd481ec2e3bf62f6e6dd	Industrial & Organization, Faculty of Psychology, University of Sumatera Utara, Indonesia		Article	Scopus
Remus S.P., Tarmizi H., Daulay P., Rujiman	Tourism Economic Effect Sustainability of the National Strategic Area of Lake Toba Against Community Economic Improvement	2023	24	194		127	134			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153332674&doi=10.47750%2fQAS%2f24.194.15&partnerID=40&md5=f5535cdf810e2a3391517a3445f36ef6	Doctoral Program Economics, Faculty of Economics and Business, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia; Faculty of Economics and Business, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia		Article	Scopus
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	82		103534					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151410915&doi=10.1016%2fj.resourpol.2023.103534&partnerID=40&md5=c36eb308c5dad71e5b6415f455264699			Erratum	Scopus
Yahya M., Fahmi H., Hasibuan R., Fudholi A.	Development of hybrid solar-assisted heat pump dryer for drying paddy	2023	45		102936					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151009627&doi=10.1016%2fj.csite.2023.102936&partnerID=40&md5=b723af6d7ac82e1c2b2690385b8cf6fd			Article	Scopus
Muhtadi A., Yulianda F., Boer M., Krisanti M., Desrita	Ichthyofauna Diversity and Its Distribution in a Low-Saline Lake of Indonesia	2023	30	3		421	431			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150169340&doi=10.4308%2fhjb.30.3.421-431&partnerID=40&md5=3b61703255316f3ec4824d6d081b21da	Department of Aquatic Resources Management, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20155, Indonesia; Department of Aquatic Resources Management, Faculty of Fisheries and Marine Sciences, IPB University, Bogor, 16680, Indonesia		Article	Scopus

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Sarah M., Ardiansyah D., Misran E., Madinah I.	Extraction of citronella oil from lemongrass (Cymbopogon winterianus) by sequential ultrasonic and microwave-assisted hydro-distillation	2023	70			569	583			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150036948&doi=10.1016%2Fj.aej.2023.03.019&partnerID=40&md5=50ea2e0a1e3bb9999ef246da7aa32d81	Chemical Engineering Department, Universitas Sumatera Utara, Indonesia; Jl. Almamater Kampus USU, Padang Bulan, Medan, 20155, Indonesia		Article	Scopus
Priwitaningrum D.L., Pednekar K., Gabri��l 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	13	5		1470	1483		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149029607&doi=10.1007%2Fs13346-023-01310-1&partnerID=40&md5=91cabfb6e9ef9e5bd7ea828ce3908307			Article	Scopus
Prabowo A., Tona A.I., Prima A., Lubis B.	Understanding NT-proBNP as One of Useful Marker for Cerebral Perfusion and Venous Congestion in Intensive Care Unit	2023	6	5		970	975			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141961419&doi=10.26655%2FJMCHEMSCI.2023.5.4&partnerID=40&md5=2d876f2a678e10797b67f9c0b04b93aa	Department of Emergency, Ibnu Sina Hospital, Aceh, Indonesia; Department of Anesthesiology and Intensive Care, Faculty of Medicine, Universitas Sumatera Utara, Indonesia		Article	Scopus
Prima A., Irina R.S., Lubis B.	Relationship between Adjuvant Thiamine, Ascorbic Acid, and Combinations of These Drugs with Reducing the Incidence, Increasing MMP-9/TIMP-1 Ratio, and Decreasing Score Sofa in Mechanically Ventilated Patients with Severe Sepsis or Septic Shock	2023	6	5		1055	1064			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141956228&doi=10.26655%2FJMCHEMSCI.2023.5.11&partnerID=40&md5=83c81cce8cc43704c32d717aa98008fc	Department of Anesthesiology and Intensive Care, Faculty of Medicine, Universitas Sumatera Utara, Indonesia		Article	Scopus
Pangoloi S., Nurwahyuni I., Situmorang M.	Isolation and identification of benzoic acid from the gum frankincense of Benzoin Sumatrana (Styrax benzoin) North Sumatra	2023	2673		60002					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159914508&doi=10.1063%2F5.0125181&partnerID=40&md5=ce5c09da2f1f2e47869939d5d0dba1bd			Conference Paper	Scopus
Yazid M., Fahmi F., Sutanto E., Setiawan R., Aripriharta, Aziz M.	Simple Authentication Method for Vehicle Monitoring IoT Device With Verifiable Data Integrity	2023	10	8		7027	7037		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144786304&doi=10.1109%2FJIOT.2022.3228926&partnerID=40&md5=9c625f1a198050d3722cfe509b506780			Article	Scopus
Manik F.Y., Ginting D.S.B., Nababan A.M., Nasution U.R.P., Harumy T.H.F.	APPLICATION OF THE KANSEI ENGINEERING METHOD IN THE DEVELOPMENT OF E-LEARNING SCHOOL OF HARUM SENTOSA BARU'S FOUNDATION	2023	101	8		3187	3196			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163484829&partnerID=40&md5=8b077f1daf4f0a2d5ae15ea3556ce134	Faculty of Computer Sciences, Universitas Sumatera Utara, Departement of Computer Science, Indonesia		Article	Scopus
Arcelia F., Pratita W., Pasaribu A.P.	The Association Between Nutritional Status and Parasite Density in Children with Vivax Malaria in Kualuh Leidong, Indonesia	2023	11	2	e126995					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159791903&doi=10.5812%2Fpedinfect-126995&partnerID=40&md5=3ca080f8bc152091c75641a107c45e5d	Department of Child Health, Faculty of Medicine, University of Sumatera Utara, Medan, Indonesia		Article	Scopus
Etti S., Fikarwin Z., Herta M.	Strengthening Food Security Reduces The Anemic Status of Pregnant Women and Encourages Breastfeeding Immediately after Delivery in the Coastal Area of Central Tapanuli	2023	11	1		445	455			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159046645&doi=10.12944%2FCRNFSJ.11.1.34&partnerID=40&md5=adb903535f2ff860a9d0ad79a7375bcd			Article	Scopus
Hermansyah D., Pricilia G., Simamora Y., Siregar D.R.	Clinicopathological Characteristics of Patients with BRCA Mutation Breast Cancer in North Sumatera: Case Report	2023	14	2		332	337			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158906811&doi=10.30476%2Fmej.2022.92503.1659&partnerID=40&md5=3287e7db5b8bd5f7bc5a212f315fe0de	Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Purwoko A., Hartini K.S., Basyuni M., Situmorang M.D.	Community-Based Mangrove Tourism Object Development in Kampung Nipah, North Sumatra, Indonesia	2023	11	2		241	254			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158876234&doi=10.13189%2Ffujar.2023.110203&partnerID=40&md5=c3f49e4c35c44fdca64dbcf164d6000	Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Batubara B.M., Humaizi, Kusmanto H., Ginting B.	Conceptual Model Implementation of Poverty Reduction Policy in Medan City	2023	18	4		1297	1307			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158819311&doi=10.18280%2Fijdsdp.180435&partnerID=40&md5=ddb552cedb5c05d89fc9d90c3605563f	Development Study, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Muda I., Huam��n-Roman�� 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	10	2		720	726		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158111783&doi=10.18280%2Fmmep.100244&partnerID=40&md5=a97176d3dd741c2bd1d1c04a0bec31e3			Article	Scopus

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Rahardja U., Candra O., Tripathi A.K., Zahra M.M.A., Bashar B.S., Muda I., Dwijendra N.K.A., Aravindhan S., Sivaraman R.	The Use of Hybrid Solar Energy to Supply Electricity to Remote Areas: Advantages and Limitations	2023	10	2		727	732			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158090343&doi=10.18280%2fmmep.100245&partnerID=40&md5=c1428b58beef2544618d74dd3638813c			Article	Scopus
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	16	8	3102				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156139843&doi=10.3390%2fma16083102&partnerID=40&md5=dcdb1ca59fd017427ccd437bf2e81d81	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		Article	Scopus
Hijji M., Chen T.-C., Ayaz M., Abosinnee A.S., Muda I., Razoumny Y., Hatamiahkoeueh J.	Optimization of State of the Art Fuzzy-Based Machine Learning Techniques for Total Dissolved Solids Prediction	2023	15	8	7016					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156086890&doi=10.3390%2fsu15087016&partnerID=40&md5=d0c8b961ce452b1dc4d1c0e341fc39a7			Article	Scopus
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	15	7	1349				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152859230&doi=10.3390%2fw15071349&partnerID=40&md5=ba8a5610660e4365291a731c7d6411c2			Article	Scopus
Haryanto B., Tambun R., Siswarni M.Z., Alexander V., Sinuhaji T.R.	Remediation of contaminated sand by Cd ions with variation operation: Batch and flushing column with foam and without foam of SDS surfactant	2023	44			329	335			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150416121&doi=10.1016%2fj.sajce.2023.03.004&partnerID=40&md5=3dd06de21476b44f96d1ad9dff615bf8	Department of Chemical Engineering, Universitas Sumatera Utara, Medan, Padang Bulan, 20155, Indonesia		Article	Scopus
Siahaan A.M.P., Susanto M., Luis D., Chairul M., Saragih S.G.R., Harahap A.R.	Delayed progressive intracranial bleeding in pediatric acute epidural hemorrhage treated expectantly	2023	105		108005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150345066&doi=10.1016%2fj.ijscr.2023.108005&partnerID=40&md5=b48b682152c7229493e23ef63270418e			Article	Scopus
Boy E., Lelo A., Sagiran	Salat dhuha effect on oxidative stress in elderly women: A randomized controlled trial	2023	30	4	103603					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150212981&doi=10.1016%2fj.sjbs.2023.103603&partnerID=40&md5=e521598476b5ece40c780fa4ce62996f			Article	Scopus
Siregar Y., Tjumar W., Mubarakah N., Dinzi R.	Protection coordination analysis applied at biogas power generation plant	2023	30	1		1	13			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147148813&doi=10.11591%2fjjeecs.v30.i1.p1-13&partnerID=40&md5=91f4736b3dbb712d216bc497c5be05f2	Department of Electrical Engineering, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
	Mortality Rate of COVID-19 Patients in Intensive Care Unit: A Multicentre Retrospective Observational Study	2023	6	4		764	770			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141998199&doi=10.26655%2fJMCHEMSCI.2023.4.7&partnerID=40&md5=a740d5853964d72ff63bb1dfa89515d2			Article	Scopus
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	32	8		3703	3715		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138418458&doi=10.1007%2fs11665-022-07360-9&partnerID=40&md5=88b7a23f9f495e7d22eae3a0b1444082	Production System and Engineering, Muroran Institute of Technology, Hokkaido, Muroran City, Japan; Mechanical Engineering Department, University of Sumatera Utara, Medan, Indonesia		Article	Scopus
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/TiO2/curcumin (PGTC) nanocomposite biofilms for salmon fillet packaging	2023	232		123423				3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149796421&doi=10.1016%2fj.ijbiomac.2023.123423&partnerID=40&md5=8a3cd565cfcb082bef51b8473aa9494a			Article	Scopus
	Diminishing benefits of urban living for children and adolescents' growth and development	2023	615	7954		874	883			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151221457&doi=10.1038%2fs41586-023-05772-8&partnerID=40&md5=939480a4b389c671475b5ede17f42909			Article	Scopus

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Suhesti E., Zalizar L., Triwanto J., Ervayendri E., Hendroko Setyobudi R., Tri Waskitho N., Tarik Ibrahim J., Maftuchah M., Hadinoto H., Vincevi?a-Gaile Z., Tonda R., Anggara A., Hartono R., Utami Lestari S., Agung Pakarti T.	Quality Assessment on Honey Produced from Six Months Old Acacia crasscarpa	2023	374		12					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151475693&doi=10.1051%2fe3sconf%2f202337400012&partnerID=40&md5=1b1f8ba3c3717ff42371c6debe803376			Conference Paper	Scopus
Saurinda Asiana Siahaan A., Masrul Harahap E., Hanum C., Karim A., Vincevi?a-Gaile Z.	The Taste of Arabica Coffee in Several Altitude and Shading Condition	2023	374		1				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151458555&doi=10.1051%2fe3sconf%2f202337400001&partnerID=40&md5=753f344ece9dc64b63cc8b47c9c29dd6			Conference Paper	Scopus
Kendrich I., Sinaga B.Y.M.	KNOWLEDGE, ATTITUDE, AND BEHAVIOR TOWARD SMOKING AMONG MEDICAL STUDENTS IN UNIVERSITAS SUMATERA UTARA	2023	18	1		1	10			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152060930&doi=10.20473%2fijph.v18i1.2023.1-10&partnerID=40&md5=ec491c45d9fdb724dda4377f165600e6	Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia	Kendrich, I., Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Sinaga, B.Y.M., Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Rosari D., Lubis S.N., Rujiman R., Purwoko A.	Positive effect on the development regional of the Karo Regency by creative economic basic honey UMKM	2023	373		4012					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151330669&doi=10.1051%2fe3sconf%2f202337304012&partnerID=40&md5=337bf9714d2b03a7c99833093579587d	University of North Sumatra, Area Development, Faculty of Area Development, Indonesia; University of North Sumatra, Accounting, Faculty of Business Economics, Indonesia		Conference Paper	Scopus
Pane T.C., Rumaijok B.T., Supriana T., Khaliqi M.	Marketing efficiency perspective of sustainable Andaliman agroforestry in Humbang Hasundutan Regency	2023	373		5010					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151318932&doi=10.1051%2fe3sconf%2f202337305010&partnerID=40&md5=5dba289c7259d43790fa472f3acf6a20	Universitas Sumatera Utara, Faculty of Agriculture, Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Andriayani N., Marpongahtun N., Muis Y., Pakpahan J., Daulay A.	Stability of mesoporous silica using ricinoleic methyl ester as a template with the addition of HCl and application of Cd2+ adsorption optimized by Box-Behnken design	2023	13	11		7329	7338		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149812638&doi=10.1039%2fd2ra06973c&partnerID=40&md5=53ac0879ca1cc0bb2549332780d50092			Article	Scopus
Hartono R., Tambun R., Nasution H.	The effectiveness of phytoremediation using water lettuce (Pistia stratiotes) in liquid waste treatment	2023	2609		60001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151503226&doi=10.1063%2f5.0123599&partnerID=40&md5=a5e7d382881e733b91c6d74bbb900a2	Department of Chemical Engineering, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia		Conference Paper	Scopus
Yusuf M., Mono U., Humaizi	COVID-19 in Humor: Verbal Humor Construction in Indonesian Stand-Up Comedian Performances	2023	13	3		789	795			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149676355&doi=10.17507%2ftpls.1303.29&partnerID=40&md5=49b78b5e620ee0f46c3f66bb7131e99e	English Literature Study Program, Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Communication Science Study Program, Faculty of Social and Political Sciences, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Yanti N., Nurliza C., Gani B.A.	Evaluating the Sapindusarak DC Chemical compounds for their ability to inhibit the growth of Fusobacterium nucleatum In vitro	2023	16	3		1231	1238			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164617136&doi=10.52711%2f0974-360X.2023.00204&partnerID=40&md5=fb15d705498107f627df9d5afbacfa5	Department of Conservative Dentistry, Faculty of Dentistry, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Department of Oral Biology, Faculty of Dentistry, Universitas Syiah Kuala, Aceh, Darussalam, Banda Aceh, Indonesia		Article	Scopus
Sitinjak E.M., Masmur I., Sitanggang Y., Pratikha R.S., Nainggolan F., Yatasya F.A., Afandi T., Tarigan K., Hutajulu P.E., Destty N.V.M., Gultom G.	A STUDY ON CELLULOSE FROM OIL PALM BIOMASS AS A SOURCE OF BIOETHANOL PRODUCTION	2023	57	3-4		369	375			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164251509&doi=10.35812%2fCelluloseChemTechnol.2023.57.32&partnerID=40&md5=9eca704b9d1d52a0803583d3f717b9e4			Article	Scopus
Wulandari P., Satria D., Amalia M., Budi, Simanjuntak R.		2023	26	2	e3680					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163740212&doi=10.4322%2fbds.2023.e3680&partnerID=40&md5=bf387d0fd14e817ac4d8ae6ac7461a26			Article	Scopus
Absah Y., Sadalia I., Yuliaty T., Ilham R.N.	Msmes In Medan City During the New Normal	2023	24	193		322	327			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162191005&doi=10.47750%2fQAS%2f24.193.36&partnerID=40&md5=e3188b403869a5c9e6ff28c2f4f9b0f7	Faculty of Economics and Business, Universitas Sumatera Utara, Indonesia; Faculty of Economics and Business, Universitas Malikussaleh, Indonesia		Article	Scopus
Nasution I.P.A., Ibrahim S., Riawan W.	Effect of the olive leaf extract in chronic spinal cord injury model: an experimental research	2023	85	3		374	381			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161620603&doi=10.1097%2fmfms9.0000000000000085&partnerID=40&md5=42862e1eeb3d8663dde62f229273a2f5			Article	Scopus

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Darlan D.M., Raga A., Muhar A.M., Putra A., Alif I.	Mesenchymal Stem Cells Suppress Dendritic Cells and Modulate Proinflammatory Milieu through Interleukin-10 Expression in Peripheral Blood Mononuclear Cells of Human Systemic Lupus Erythematosus	2023	31	1		20	25			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160832302&doi=10.5455%2faim.2023.31.20-25&partnerID=40&md5=2620e524ba87c5aa274b72c012243e7e			Article	Scopus
Ginting R., Silalahi R.	Redesign of iron for assembly cost and time reduction using DFA	2023	117	1		15	24			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160240451&doi=10.5604%2f01.3001.0053.5954&partnerID=40&md5=7a3afb6588a32da5080e88a78526bbb2	Department of Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia	Ginting, R., Department of Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Silalahi, R., Department of Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Irwinda R., Aziz M.A., Akbar M.I.A., Budayasa A.A.G.R., Bernolian N., Dewantiningrum J., Sitepu M., Chalid S.M.T., Yeni C.M., Wantania J., Nooryanto M., Hiksas R.	The Association of COVID-19 Severity with Laboratory Parameters, Radiologic Findings, Maternal and Neonatal Outcomes in Pregnant Women: A Multicenter Study in Indonesia	2023	15	2		199	205			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160094948&doi=10.5005%2fjp-journals-10006-2221&partnerID=40&md5=ad40dc476ac9833a3fbd91ef3ab3e6b5			Article	Scopus
Indharty R.S., Siahaan A.M.P., Rosarina, Susanto M., Tandean S., Risfandi M.	Prevention of sports-related concussion in soccer: a comprehensive review of the literature	2023	85	3		365	373		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159950275&doi=10.1097%2fMS9.00000000000000268&partnerID=40&md5=658342d1ff36681d1095e4ed74c042da	Department of Neurosurgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Sport Sciences, Universitas Negeri Medan, Medan, Indonesia		Review	Scopus
Silalahi R.M., Dalimunthe W., Evalina R., Harahap J., Lubis B., Lubis I.N.D.	Characteristics of pneumonia in children with suspected/confirmed COVID-19	2023	63	2		57	64			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159840175&doi=10.14238%2fpi63.2.2023.5764&partnerID=40&md5=c4d25dd7809a6f61c6866db7a2bac387	Department of Child Health, Universitas Sumatera Utara Medical School, North Sumatra, Medan, Indonesia		Article	Scopus
Muhdi, Sitinjak P.N., Hanafiah D.S.	THE EFFECT OF MACHINE VIBRATION ON COMPLAINTS OF CARPAL TUNNEL SYNDROME AMONG WORKERS IN WOOD PROCESSING	2023	18	6		702	709			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158988632&doi=10.59018%2f032397&partnerID=40&md5=732e341587c34ea21eed845cce6d702d	Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia	Muhdi, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Sitinjak, P.N., Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Hanafiah, D.S., Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Nasution M.A., Achmad N.	The Measurement of Public Policy Assessment of North Sumatra Province, Indonesia	2023	18	3		927	933			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158830983&doi=10.18280%2fjjsdp.180328&partnerID=40&md5=18e0a1a0a94dcbd34b17620314127949	Department of Public Administration, Universitas Sumatera Utara, Medan, 20155, Indonesia	Nasution, M.A., Department of Public Administration, Universitas Sumatera Utara, Medan, 20155, Indonesia; Achmad, N., Department of Public Administration, Universitas Sumatera Utara, Medan, 20155, Indonesia	Article	Scopus
Yasmin F., Meyyammai 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	52	3		795	803			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154063050&doi=10.17576%2fjism-2023-5203-09&partnerID=40&md5=a5a5b9fc17c2c66b533dca4bce1583fa			Article	Scopus
Mulyani R., Yusuf M., Pujiono M., Aswani A., Dahlan Z.	Code Choices in Marriage Discourse Preach: A Sociolinguistic Analysis	2023	13	2		450	454			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153888012&doi=10.5430%2fwjel.v13n2p450&partnerID=40&md5=b93340bc2b585dc167ec52af6b89fe6c	Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia; Department of Computer Engineering, Politeknik Negeri Medan, Medan, Indonesia; Faculty of Tarbiyah and Teaching, Universitas Islam Negeri Sumatera Utara, Medan, Indonesia		Article	Scopus
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 (Boehmeria nivea L.) Fibers	2023	15	6	1492				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152621568&doi=10.3390%2fpoly15061492&partnerID=40&md5=0874ec3642561a695fe45e770cd60808			Article	Scopus
Siregar F.L.S., Nasution S.S.	Effect of Seven-contact Breastfeeding on the Knowledge, Motivation, and Ability of Breastfeeding during the First Eight-weeks Postpartum	2023	18	2		119	123			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152125125&doi=10.47836%2fmjmh.19.2.18&partnerID=40&md5=41ab40d1eaff5679a29d3259d3b22c31	Department of Maternity and Pediatric Nursing, Faculty of Nursing, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus

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Susilawati, Harahap R.H., Mulya M.B., Andayani L.S.	Corrigendum to “Behavior model of community-based sanitation management in coastal areas: Confirmatory factor analysis”[Heliyon Volume 8, Issue 11, June 2019, Article e11756] (Heliyon (2022) 8(11), (S2405844022030444), (10.1016/j.heliyon.2022.e11756))	2023	9	3	e13166					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151534439&doi=10.1016%2fj.heliyon.2023.e13166&partnerID=40&md5=d3187eb46df70a6904a5a4deb4cb82b6			Erratum	Scopus
Abubakar S., Tan S.T., Liew J.Y.C., Talib Z.A., Sivasubramanian R., Vaithilingam C.A., Indira S.S., Oh W.-C., Siburian R., Sagadevan S., Paiman S.	Controlled Growth of Semiconducting ZnO Nanorods for Piezoelectric Energy Harvesting-Based Nanogenerators	2023	13	6	1025				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151373836&doi=10.3390%2fnano13061025&partnerID=40&md5=b479f195bf19b771435fc708499f53a3			Review	Scopus
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	7	3	113				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151145359&doi=10.3390%2fjcs7030113&partnerID=40&md5=b88e4dae1ba61879167b06c0be068c5f			Article	Scopus
Wafie G., Nasution A.H., Lubis B.	Correlation between Glasgow Coma Scale with central venous pressure and near-infrared spectroscopy in patients with acquired brain injury in the intensive care unit of Adam Malik Hospital Medan	2023	3	1		12	17		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150686620&doi=10.1097%2fEC9.0000000000000075&partnerID=40&md5=5a88a95eb3d5539b4b97402c8090a656	Department of Anesthesiology and Intensive Therapy, Faculty of Medicine, Universitas Sumatera Utara, Adam Malik Hospital Medan, Medan, Indonesia		Article	Scopus
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	9	3	e14556					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150053550&doi=10.1016%2fj.heliyon.2023.e14556&partnerID=40&md5=3e4d3842fcc0305ad090d4ce8e6b7fef			Article	Scopus
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	15	5	1237					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149638926&doi=10.3390%2fpolym15051237&partnerID=40&md5=2989e675c562d4b80fb7dd188e8f7a11			Article	Scopus
Devi I., Sufarnap E., Finna, Pane E.R.P.	Chitosan’s effects on the acidity, copper ion release, deflection, and surface roughness of copper-nickel-titanium archwire	2023	56	1		41	47		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149467031&doi=10.20473%2fj.djmkkg.v56.i1.p41-47&partnerID=40&md5=0a442684d018efb3e67f4cc34ca26e2			Article	Scopus
Ketut Acwin Dwijendra N., Muda I., Milanés C.B., Bharath Kumar N., Abosinne A.S., Akhmadeev R.	How do green roofs affect per capita energy consumption in residential buildings under various climate conditions?	2023	56		103127				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149279484&doi=10.1016%2fj.seta.2023.103127&partnerID=40&md5=b69d95bfa5944cb719430f2691b1ea46			Article	Scopus
Batubara F., Turmuzi M., Irvan I., Yanqoritha N.	Variations of Organic Loading Rate on Tofu Wastewater Degradation using Upflow Anaerobic Sludge Blanket Reactor by Modified Stover-Kincannon Model	2023	36	3		490	496		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148892078&doi=10.5829%2fije.2023.36.03c.08&partnerID=40&md5=e48629f5165cd2d1091410d3ba340130	Department of Chemical Engineering, Universitas Sumatera Utara, Jalan Almamater Kampus USU, Medan, Indonesia; Department of Industrial Engineering, Universitas Prima Indonesia, Medan, Indonesia		Article	Scopus
Nasution F.A., Thamrin M.H., Sinaga R.P.K., Saraan M.I.K., Indainanto Y.I.	Humbang Hasundutan Regional Head Election In 2020: Empty Box Volunteer Political Communication Movement	2023	11	1		52	59		8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148236978&doi=10.11114%2fsmc.v11i1.5807&partnerID=40&md5=071bb4253ab6f35b45272c255e5b94e	Faculty of Social and Political Science, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Information Technology and Semarung, Indonesia		Article	Scopus
Rangkuti R., Bangun D.N.B., Yusuf M., Albar M.A.	Speech Errors Performed by Former American Presidents in "60 Minutes" Interview: A Comparative Analysis	2023	11	1		62	65			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148230094&doi=10.11114%2fsmc.v11i1.5761&partnerID=40&md5=596cae627d7eacac3702045b8ca60f3f	Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Pakpahan A.E., Lubis A.N., Rini E.S., Sembiring B.K.F.	Business Unit Management Performance Analysis in PT. Perkebunan Nusantara II Medan-North Sumatra	2023	24	193		154	163			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147866376&doi=10.47750%2fQAS%2f24.193.17&partnerID=40&md5=f2acb7355026873d62ace9aeb10e87ac	Doctoral Program of Management Science, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Economy and Business, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
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	81		103254				5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146302602&doi=10.1016%2fj.resourpol.2022.103254&partnerID=40&md5=299823f6c2375b21733c66fb234fb9a3			Article	Scopus

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Miftahussurur M., Alfaray R.I., Fauzia K.A., Dewayani A., Doohan D., Waskito L.A., Rezkittha Y.A.A., Utomo D.H., Somayana G., Fahrliat 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	163		156122				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146184019&doi=10.1016%2fj.cyto.2022.156122&partnerID=40&md5=1f2374dcd57a7dfa75802c6f5d470758			Article	Scopus
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	230		123118				7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146136791&doi=10.1016%2fj.ijbiomac.2022.123118&partnerID=40&md5=e5814c5060bc713a24e82c967e2c17fd			Article	Scopus
Ramadhani R., Armanto D., Syahputra F.P., Eliawati T.	Practical and social interaction justice of online learning during the COVID-19 pandemic	2023	12	1		386	394			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143772713&doi=10.11591%2fijere.v12i1.23922&partnerID=40&md5=6738112480a479742dac4701b7fbf71c			Article	Scopus
Lubis A.R., Nasution M.K.M., Sitompul O.S., Zamzami E.M.	A new approach to achieve the users' habitual opportunities on social media	2023	12	1		41	47		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140450576&doi=10.11591%2fijai.v12.i1.pp41-47&partnerID=40&md5=a77eeee594c817e8da5c172d4ec59a34	Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Pakpahan C., Rezano A., Margiana R., Amanda B., Agustinus A., Darmadi D.	The Association Between Lipid Serum and Semen Parameters: a Systematic Review	2023	30	3		761	771		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137547943&doi=10.1007%2fs43032-022-01040-8&partnerID=40&md5=5dc00380a97d0d272de9770365fadbc9			Review	Scopus
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	16	1		325	347		7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127471353&doi=10.1007%2fs12155-022-10438-w&partnerID=40&md5=9aff24dea42e8c9902373e1d84a04a82			Review	Scopus
Yustira A., Lubis M., Arif H., Pranata A.	Mechanical properties of natural filling materials for eggshell, rice husk and kenaf in the production of natural rubber latex foam (NRLF): Review	2023	2667		50005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149960244&doi=10.1063%2f5.0113145&partnerID=40&md5=69da40d9ba68a498aa24172d5103a675	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Pranata A., Lubis M., Yustira A., Arif H.	Effectiveness of variety of metal nanoparticle as antibacterial on natural rubber latex foam: A review	2023	2667		70003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149957639&doi=10.1063%2f5.0113201&partnerID=40&md5=bad3891dfbf58123d6f50013d747dc81	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Adhar S., Barus T.A., Nababan E.S.N., Wahyuningsih H.	Trophic state index and spatio-temporal analysis of trophic parameters of Laut Tawar Lake, Aceh, Indonesia	2023	16	1		342	355		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148583759&partnerID=40&md5=b088c1f355acba4403ffda543865c822	Natural Resource and Environment Management, Sumatera Utara University, Sumatera Utara20155, Indonesia; Sumatera Utara University, Sumatera Utara20155, Indonesia; Faculty of Agriculture, Malikussaleh University, Aceh Utara24355, Indonesia		Article	Scopus
Maharti I.D., Suprastiwi E., Agusnar H., Herdianto N., Margono A.	Characterization, Physical Properties, and Biocompatibility of Novel Tricalcium Silicate-Chitosan Endodontic Sealer	2023	17	1		127	135			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138163256&doi=10.1055%2fs-00421745774&partnerID=40&md5=2d22b6b96a1965de480f8af1c90e0f58			Article	Scopus
Kasmawati, Sofyanurriyanti, Nasution H., Sembiring M.T., Putra G., Pamungkas I., Irawan H.T.	A competence of graduate colleges to meet the industry 4.0: Literature review	2023	2482		90011					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149953132&doi=10.1063%2f5.0110947&partnerID=40&md5=797b681863cde4ef92f47a84eda768b	Industrial Engineering Department, Engineering Faculty, Universitas Teuku Umar, Indonesia; Industrial Engineering Department, Engineering Faculty, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Tarigan J.B., Perangin-Angin S., Simanungkalit S.R., Zega N.P., Sitepu E.K.	Utilization of waste banana peels as heterogeneous catalysts in room-temperature biodiesel production using a homogenizer	2023	13	9		6217	6224			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149579491&doi=10.1039%2fd3ra00016h&partnerID=40&md5=9c9f47db72ff6946b09df0fc3ebca1e1	Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Faza S., Fadillah Rahmat R., Husna M., Anugrahwaty R., Padly Sembiring A., Permadi Ahmad R., Onrizal	MANGROVE FRUIT RIPENESS CLASSIFICATION USING DEEP CONVOLUTIONAL NEURAL NETWORK	2023	101	3		1095	1105			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153793966&partnerID=40&md5=53f161563f799c69e6ccdf4e96dcc14b			Article	Scopus
Handrizal, Hayatunnufus, Fandi M.	ALGORITHM FORWARD CHAINING AND BACKWARD CHAINING FOR DIAGNOSING DIABETES MELLITUS	2023	101	3		1118	1125			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150799642&partnerID=40&md5=45d6961e229838d813f4c8a415f1e743	Department of Computer Science, Faculty of Computer Science and Information Technology, Universitas Sumatera Utara, Jl. University No. 9-A, Medan, 20155, Indonesia		Article	Scopus
Sembiring N., Sipayung R.I.P., Febriliandika B., Br Tarigan C.A.	2D modelling and simulation using discrete event simulation and agent-based simulation for pesticide manufacturing	2023	2654		20017					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149870805&doi=10.1063%2F5.0114168&partnerID=40&md5=ea404d0f2b96c766053b563e0d8a18c0	Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Bahirrah S., Lestari W., Zulkahim A., Suwandi A., Irfanita N.	External Root Resorption (EARR) and Interleukin-1? (rs1143634) Gene Polymorphism in the Bataknese Population: A Pilot Study	2023	2682		50007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148737985&doi=10.1063%2F5.0115002&partnerID=40&md5=7c0430064812b4d77e5f5da6ae734a2e			Conference Paper	Scopus
Ginting R.T., Abdullah H., Barus D.A., Fauzia V.	Extremely high-efficiency solar steam generation, robust and scalable photothermal evaporator based on ZIF-67@MXene/rGO decorated rock wool	2023	11	10		5296	5308		5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148769985&doi=10.1039%2Fd2ta09778h&partnerID=40&md5=a75408a4208758f11d35ae005b66c7e7			Article	Scopus
Afrizal, Safelia N., Muda I.	Determinants of carbon emission disclosure and sustainability reporting and their implications for investors' reactions: The case of Indonesia and Malaysia	2023	12	2		271	288			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160704137&doi=10.18488%2F11.v12i2.3375&partnerID=40&md5=b3e797f1da15370d08ae9cf1da46c060	Accounting Department, Universitas Jambi, Indonesia; Accounting Department, Universitas Sumatera Utara, Indonesia	Afrizal, Accounting Department, Universitas Jambi, Indonesia; Safelia, N., Accounting Department, Universitas Jambi, Indonesia; Muda, I., Accounting Department, Universitas Sumatera Utara, Indonesia	Article	Scopus
Masyithah Z., Gultom P.A., Ginting A.	OPTIMUM DESIGN OF A PALMITOYL ARGININE SURFACTANT FROM ARGININE IN MIX SOLVENT HEXANE-ISOPROPANOL	2023	18	3		136	144			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165220263&partnerID=40&md5=a095ef5c228d9dec1fb2dc6edd96896	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia; Department of Mechanical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Primasari A., Fitri A.R., Madani S.A.W.	The Effect of Aloe Vera Extract in Wound Healing of Buccal Mucosa in White Rats: An In Vivo Study	2023	14	2		98	102			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158992114&doi=10.5005%2Fjournals-10015-2183&partnerID=40&md5=ca65a0978cea3e6fb2c53499afe3461c	Department of Oral Biology, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Yanti D., Sibarani R., Purwoko A., Emrizal	Tourism Potential and How About Its Sustainability (Case Study on Sibandang Island)	2023	18	2		483	495			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152128571&doi=10.18280%2Fijjsdp.180217&partnerID=40&md5=f43eac0b88fdf8dbb281314b85379a0			Article	Scopus
Wulandari P., Masulili S.L.C., Kusdhany L.S., Bazliad A.	The Relationship Between Interleukin-1? Levels and Sociodemographic Factors With Periodontal Status in the Menopausal Transition	2023	19			1	8			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151829120&partnerID=40&md5=a7a82cce488e24591f443bedf258cfbd			Article	Scopus
Harahap N.S., Manalu N., Siregar N.S., Machrina Y.	Effect of Massage Therapy with Lime (Citrus Aurantifolia) Essential Oil on the Recovery of Delayed Onset of Muscle Soreness in Athletes	2023	77	1		24	28			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150280848&doi=10.5455%2Fmedarh.2023.77.24-28&partnerID=40&md5=c2ac66664cde7ed9b0811c994a2a96b4			Article	Scopus
Syahputra M., Lindarto D., Ramayani O.R., Machrina Y., Purba A., Putra I.B., Nasution I.P.A., Harahap J.	Effect of Moderate Intensity Continuous Training and Slow Type Interval Training to Gene Expression of TGF-? in Type 2 Diabetes Mellitus Model Wistar Rats	2023	77	1		4	7			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150240179&doi=10.5455%2Fmedarh.2023.77.4-7&partnerID=40&md5=11bdab750192c0e7460136fe656d017a			Article	Scopus
Anupong W., Muda I., AbdulAmeer S.A., Al-Kharsan I.H., Alvi-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	15	4	3118				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149256567&doi=10.3390%2Fsu15043118&partnerID=40&md5=36852aef0c095db140370895994c5d4a			Article	Scopus

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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		8	2			90	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149243702&doi=10.3390%2ftropicalmed8020090&partnerID=40&md5=f62c67253504efbac1843abeede50c03			Article	Scopus
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		15	4			3833		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149272371&doi=10.3390%2fsu15043833&partnerID=40&md5=7fd4765a3b0893394ce9a7d9fd601ef3			Article	Scopus
Shara M., Basyuni M., Hasanuddin	Potential of Phylloplane Fungi from Mangrove Plant (Rhizophora apiculata Blume) as Biological Control Agents against Fusarium oxysporum f. sp. cubense in Banana Plant (Musa acuminata L.)	2023		14	2			167		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149176993&doi=10.3390%2ff14020167&partnerID=40&md5=ad8675cdfb1ad20391dabedd322cb18a			Article	Scopus
Putri R.S., Putra A., Chodidjah, Darlan D.M., Trisnadi S., Thomas S., Amalina N.D., Irawan R.C.	Clitorea ternatea flower extract induces platelet-derived growth factor (Pdgf) and gpx gene overexpression in ultraviolet (uv) b irradiationinduced collagen loss	2023		20	1	15	21			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149106201&doi=10.17392%2f1530-22&partnerID=40&md5=3be6972988188a42eaa4121d4a77ee42			Article	Scopus
Iswanto A.H., Sutiawan J., Darwis A., Lubis M.A.R., P?dzik M., Rogozi?ski 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		14	2			320	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149037146&doi=10.3390%2ff14020320&partnerID=40&md5=345b2abd016c9256ca0517a5b67e5fb6			Article	Scopus
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		15	3			1926	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148027600&doi=10.3390%2fsu15031926&partnerID=40&md5=a0c1c7b2be19826df044a9ecb0af003e			Article	Scopus
Candra O., Chammam A., Alvarez J.R.N., Muda I., Aybar H.?	The Impact of Renewable Energy Sources on the Sustainable Development of the Economy and Greenhouse Gas Emissions	2023		15	3			2104	7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147875086&doi=10.3390%2fsu15032104&partnerID=40&md5=22f71afa9d5e3e1e712617e3a134507b			Article	Scopus
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		16	3			1083		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147850269&doi=10.3390%2fen16031083&partnerID=40&md5=f84d9b308a297feb6618df423b4ca48f			Article	Scopus
Ayu G.E., Lubis M., Ginting M.H.S., Hayat N.	PHYSICAL RESISTANCE OF CORN STARCH BASED BIOPLASTIC AT VARIOUS STORAGE TEMPERATURE	2023		18	1	235	243			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147496375&partnerID=40&md5=f742295520e0045bcfead30697156572	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jalan Almamater, Medan, 20155, Indonesia		Article	Scopus
Darmadi D., Pakpahan C., Ruslie R.H., Amanda B., Ibrahim R.	The sex life of male patients with cirrhosis and its organic factors: What we have got so far?	2023		18	2 February			e0280915		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147319212&doi=10.1371%2fjournal.pone.0280915&partnerID=40&md5=b13a92956c646764a6c3a428dbf25614			Article	Scopus
Suprianto, Chen C.-L.	Study of Cu Effect and In-situ Yttria Dispersoids on Microstructure Evolution of Mechanically Alloyed CoFeNiCrCu High Entropy Alloys	2023		29	2	420	428			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147050055&doi=10.1007%2fs12540-022-01258-w&partnerID=40&md5=3cefca695487758e961118181652032			Article	Scopus
Ginting J.T., Sihombing B., Warli S.M., Siregar G.P., Prapiska F.F.	Bilateral synchronous testicular cancer: A case report	2023		103				107870		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146351696&doi=10.1016%2fj.ijscr.2022.107870&partnerID=40&md5=f978f937745e6640d29b80a3bbf117ac			Article	Scopus
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		28	1			e12943	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146173960&doi=10.1111%2fhel.12943&partnerID=40&md5=19a3a94be0e5cb4c69cd372b48b98e11			Review	Scopus

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Lubis M.F., Hasibuan P.A.Z., Syahputra H., Keliat J.M., Kaban V.E., Astyka R.	Duku (Lansium domesticum) Leaves Extract Induces Cell Cycle Arrest and Apoptosis of HepG2 Cells via PI3K/Akt Pathways	2023	20		2	6437				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144681916&doi=10.48048%2ftis.2023.6437&partnerID=40&md5=bd64d5c3591e0bc929eb3200543a72ff			Article	Scopus
Putri Q.U., Hasanudin H., Asri W.R., Mara A., Maryana R., Gea S., Wijaya K.	Production of levulinic acid from glucose using nickel phosphate-silica catalyst	2023	136		1		287	309	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144208136&doi=10.1007%2fs11144-022-02334-3&partnerID=40&md5=b9f21349cc76e2f0c67500758791f5a9			Article	Scopus
Gea S., Andriayani, Piliang A.F.R., Attaurrazaq B., Rahayu S., Hendrana S.	Evaluation to possibility of cellulose fibers isolated from kapok randu (Ceiba Pentandra) as a precursor growth of carbon micro structures with the assist of metal catalysts	2023	35		2	102423			2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144011868&doi=10.1016%2fj.jksus.2022.102423&partnerID=40&md5=83236e0a744288e5bc2ec78c8e6328b4			Article	Scopus
Ginting F.H.S., Tetuko A.P., Asri N.S., Nurdyansah L.F., Setiadi E.A., Humaidi S., Sebayang P.	Surface treatment on metal foam wick of a ferrofluid heat pipe	2023	36			102499			3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143513671&doi=10.1016%2fj.surfin.2022.102499&partnerID=40&md5=3c955df04f98a6a228d77898660ae813			Article	Scopus
Harumy T.H.F., Ginting D.S., Manik F.Y.	COMPARISON OF CLASSIFICATION METHODS AND CLUSTERING HYBRID DEEP NEURAL NETWORK DETECTION OF SENSITIVE INGREDIENTS IN FOOD PRODUCTS	2023	101		2		795	805	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147502670&partnerID=40&md5=ec22be9edb4d3b39fa7cec49846be42	Faculty Of Computer Sciences, Universitas Sumatera Utara, Departement Of Computer Science Indonesia, Indonesia		Article	Scopus
Nerdy N., Meliala L., Sinaga J.P., Ginting S., De Lux Putra E., Bakri T.K.	Adsorbent Activity of Pectin and Activated Charcoal from Pineapple Peel Waste as Biosorbent against Heavy Metals and Dyes	2023	2613			40003				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148010026&doi=10.1063%2f5.0120262&partnerID=40&md5=2ab5def233c320aa2b81248694956b1d			Conference Paper	Scopus
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	15		1		152	161		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147349786&doi=10.20473%2fjipk.v15i1.36686&partnerID=40&md5=35cd56b79b66a4fae869e7cdea883952			Article	Scopus
Al-Baarri A.N., Abduh S.B.M., Legowo A.M., Nur M., Kusmiyati, Sabrina T., Mawarid A.A., Lestari F.P., Pangestika W., Muflihani S.K., Rusmiadi Z.T.S., Anggriyani F.S.	Ozonated Chili Paste from Second Grade Quality Against a Week Storage on Uncontrolled Temperature in the Aluminium Based Packaging	2023	2586			60003				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147379698&doi=10.1063%2f5.0109627&partnerID=40&md5=a6e9c13d83f9454497f4fde2086ab5cd			Conference Paper	Scopus
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	13			1045635				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147369817&doi=10.3389%2ffpsyt.2022.1045635&partnerID=40&md5=17d8f534b7de7296712af49c1f849cc6			Article	Scopus
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	9			909198				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147336457&doi=10.3389%2ffmed.2022.909198&partnerID=40&md5=584fe60f9b490cdd499e12437e9558a4			Article	Scopus
Fadhilla S., Hakim L., Agustian A., Lubis Y.S., Siregar A.W.	The diversity of utilizations, tapping flow discharge, and conservation of sugar palm (Arenga longipes Mogeia) cultivated in Langkat, North Sumatra, Indonesia	2023	24		1		122	132	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150309887&doi=10.13057%2fBIODIV%2fD240116&partnerID=40&md5=49a2300f5e8a9b44c971449428ddb903			Article	Scopus
Utami M., Hasanuddin, Safni I.	Morphology and Genetic Diversity of Fusarium spp. Causes of Shallot Basal Plate Rot Diseases from Lowlands and Highlands of North Sumatra	2023	2583			20023				https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146646783&doi=10.1063%2f5.0119735&partnerID=40&md5=2a7f586ea84cd808395174a0c13712c8	Magister Programme of Agrotechnology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia; Department of Agrotechnology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
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	10			1065634			1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146477095&doi=10.3389%2ffenvs.2022.1065634&partnerID=40&md5=191616d5b25ca6c1328a1f91fbb3fcc1			Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Hartono R., Sutiawan J., Hermawan D., Wibowo S., Zulfiana D.	Termite and Decay Resistances of Sumatran Elephant Dung-based Particleboard Modified with Wood Shavings and Bamboo Layering	2023	18	3		5073	5084			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168542951&doi=10.15376%2fbiores.18.3.5073-5084&partnerID=40&md5=c7b7bd4247ebb370d9095ad9af937ef4			Article	Scopus
Lestari V., Wulandari P., Syahputra A.	Dentin hypersensitivity treatment with Nd:YAG laser: A systematic review	2023	8	2		74	80			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168293923&doi=10.15562%2fjdmfs.v8i2.1324&partnerID=40&md5=c7e0b82027e6ed82374edfe5c05ac38b	Department of Periodontics, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia		Review	Scopus
Sitohang N., Harahap E.M., Hanum C., Siregar T.H.S., Siregar H., Hernosa S.P.	Cocoa (Theobroma cacao L.) Fertilization Pattern with Four Balanced Principles in Deli Serdang Regency, Indonesia	2023	22	2		357	367			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168147332&doi=10.3923%2fajps.2023.357.367&partnerID=40&md5=3a7cf1149f74c878a4faccfea5042269			Article	Scopus
Bestari R., Nainggolan I.R.A., Hasibuan M., Ratnanggana R., Rahardjo K., Nastri A.M., Dewantari J.R., Soetjipto 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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167971689&doi=10.1016%2fj.ijregi.2023.07.006&partnerID=40&md5=e0679f37d75aa86387a409ef24d3f525			Article	Scopus
Ghorbanzadeh D., Prasad K.D.V., Prodanova N.A., Muda I., Suryono J., Yuldasheva N.	Exploration of the concept of brand love in city branding: antecedents and consequences	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167921954&doi=10.1057%2fs41254-023-00312-7&partnerID=40&md5=1706ff24deea42535b5593493ac0fd26			Article	Scopus
Siallagan S., Ishak A.	A Technological Capability Assessment of Company in the Crude Palm Oil Industry in Indonesia	2023	14	5		1072	1080			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167893033&doi=10.14716%2fijtech.v14i5.4036&partnerID=40&md5=d523c1c171e6f6b58777291ba8bcc896			Article	Scopus
Rubino, Ritonga A.R., Madya E.B., Ritonga H.J.	The Ethics of the Apostle Da'wah in the Qur'an and its Application in Social Media	2023	104	2						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167877487&partnerID=40&md5=7db9ef7ad339c74d4fb5d163205f4569	Program Studies Islamic of Communication and Broadcasting, Faculty of Da'wah and Communication Sciences, Universitas Islam Negeri Sumatera Utara, Indonesia; Program Studies of Library, Faculty of Vocational, Universitas Sumatera Utara, Indonesia		Article	Scopus
Lisnawita, Tantawi A.R., Tobing M.C., Hutahayan A.J., Saragih W.S., Sartiami D.	The vector of Pineapple Mealybug Wilt-associated Virus (PMWaV) in Sipahutar pineapples in North Tapanuli, Indonesia	2023	24	7		4052	4059			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167622030&doi=10.13057%2fbiodiv%2fd240743&partnerID=40&md5=26555697549729500c baa15cc0848861c			Article	Scopus
Iswanto A.H., Amanda D.W., Gea S., Susilowati A., Friasari W., Darwis A., Adly Rahandi Lubis M., Sucipto T., Syahidah, Subekti N., Hartono R., Sutiawan J., Hidayat W., Kim N.H.	Characteristics of Simalambuo (Lophopetalum sp.) wood from Nias Island, North Sumatra Province, Indonesia	2023	24	7		4193	4201			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167607879&doi=10.13057%2fbiodiv%2fd240764&partnerID=40&md5=e711a5f3db4d5f89cc d696229e0d52df			Article	Scopus
Hanifah I., Purba A.S., Khairuddin Alwi Fajar P.	LEGAL PROTECTION AGAINST PAYS OF WORKERS RETURNED DURING THE COVID-19 PANDEMIC PERIOD IN INDONESIA [PROTEÇÃO LEGAL CONTRA REMUNERAÇÃO DE TRABALHADORES RETORNADOS DURANTE O PERÍODO DA PANDEMIA DE COVID-19 NA INDONÉSIA]	2023	17	6	e03298					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167349962&doi=10.24857%2fgrgs.v17n6-021&partnerID=40&md5=3c9fa930867688293737f9ad9094107	Law Studies Program, Faculty of Law, Universitas Muhammadiyah Sumatra Utara, Sumatra Utara, Medan, Indonesia; Law Studies Program, Faculty of Law, Universitas Sumatra Utara, Sumatra Utara, Medan, Indonesia		Article	Scopus
Setiawan A., Sebayang N.U.W.	Identification of Cassava (Manihot esculenta Crantz.) Morpho-physiological Traits in the Toba Regency	2023	1188	1	12031					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166983309&doi=10.1088%2f1755-1315%2f1188%2f1%2f012031&partnerID=40&md5=8cf8ed5b2c370916a01e73af08ba9839	Department of Agrotechnology, Faculty of Science and Technology, Universitas Pembangunan Panca Budi, Indonesia; Faculty of Agriculture, Universitas Sumatera Utara, Indonesia	Setiawan, A., Department of Agrotechnology, Faculty of Science and Technology, Universitas Pembangunan Panca Budi, Indonesia; Sebayang, N.U.W., Faculty of Agriculture, Universitas Sumatera Utara, Indonesia	Conference Paper	Scopus
Dalimunthe A., Muhammad M., Waruwu S.B., Rafi M., Kaban V.E., Satria D.	Phytochemicals and Proximate Analysis of Litsea Cubeba Lour. Barks	2023	1188	1	12012					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166982380&doi=10.1088%2f1755-1315%2f1188%2f1%2f012012&partnerID=40&md5=8f5b0e28cfd6212cc1e1562f7f6e2afe			Conference Paper	Scopus

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Lestari I.C., Lindarto D., Ilyas S., Widyawati T., Mustofa, Jusuf N.K., Hasibuan P.A.Z., Siahaan L.	Characterization and Antioxidant Activity of Phaleria macrocarpa (Scheff.) Boerl Leaf Ethanol Extract	2023	1188		12046					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166941962&doi=10.1088%2f1755-1315%2f1188%2f1%2f012046&partnerID=40&md5=b76150d4a94856ba9e630f9396057dbf			Conference Paper	Scopus
Pasaribu D.	Building Sustainability Through Port Integration: A Case Study PT Pelabuhan Indonesia	2023	1188		12023					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166941034&doi=10.1088%2f1755-1315%2f1188%2f1%2f012023&partnerID=40&md5=cb314ce0395217322f27798b4215de9d	Postgraduate School, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia; Medan PT Pelindo Multi Terminal, North Sumatera, Medan, Indonesia	Pasaribu, D., Postgraduate School, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia, Medan PT Pelindo Multi Terminal, North Sumatera, Medan, Indonesia	Conference Paper	Scopus
Vinolina N.S., Ginting J., Siagian J.B.R.	The Effect of Liquid Organic Fertilizer and Cattle Manure in Increasing the Biomass of Asiatic Pennywort (Centella asiatica L. Urb)	2023	1188		12038					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166940636&doi=10.1088%2f1755-1315%2f1188%2f1%2f012038&partnerID=40&md5=0edef7bb1552b73a2c4863b912e7fb45	Department of Agrotechnology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Wahyuni M., Sabrina T., Mukhlis, Santoso H.	Analysis of Vegetation Index of Oil Palm Plants Infected with Ganoderma Disease	2023	1188		12006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166937797&doi=10.1088%2f1755-1315%2f1188%2f1%2f012006&partnerID=40&md5=ac8f9c0dc8409179eed82c24348affba			Conference Paper	Scopus
Hamdani M., Erlina, Rujiman	Development of Tourism Area Based on Local Wisdom Based on Evaluation of Regional Development in Karo Regency by Using Quantitative Strategic Planning matrix (QSPM) method	2023	1188		12017					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166936151&doi=10.1088%2f1755-1315%2f1188%2f1%2f012017&partnerID=40&md5=d3dbd6681d0aa9c7b89b86bd3dbe4349	Universitas Sumatera Utara, Sumatera Utara, Indonesia; Department of Program Regional Planning Postgraduate, Universitas Sumatera Utara, Sumatera Utara, Indonesia		Conference Paper	Scopus
Dermawan M., Rini E.S., Sembiring M.T., Budiman I.	SWOT Analysis and Marketing Mix 4P Model as a Method to Develop Strategic Plan for Newly Marketed Agricultural Corn Seed Product	2023	1188		12027					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166930801&doi=10.1088%2f1755-1315%2f1188%2f1%2f012027&partnerID=40&md5=8c3697ea343e29f5e072466a740a9daf	Master of Management Programme, Postgraduate School, Universitas Sumatera Utara, Indonesia; Industrial Engineering Department, Universitas Prima Indonesia, Indonesia		Conference Paper	Scopus
Jauhari M.A., Rahmawaty, Samsuri	Analysis of the Potential of Non-Timber Forest Products at Siarsikarsik Village Forest Management Institute, Lumban Julu Village, Lumban Julu District, Toba Regency	2023	1188		12032					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166930651&doi=10.1088%2f1755-1315%2f1188%2f1%2f012032&partnerID=40&md5=46fb0fa34944f916cf9ad16352615cd6	Master of Forestry Study Program, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Charloq, Simbolon P.E., Vinolina N.S.	Amelioration of Peat Soil for Changes in C/N Levels through Palm Oil Empty Bunch Ash Utilization in Mucuna Bracteata Plantatione	2023	1188		12042					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166929981&doi=10.1088%2f1755-1315%2f1188%2f1%2f012042&partnerID=40&md5=73f44ef4e591bcb9ff403a8b0648e890	Agrotechnology Department, Agiculture Faculty, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Putra E.D.P., Wahyuni H.S., Hertiana T., Nasri, Muhammad M., Satria D.	Antibacterial Activity of Silver Nanoparticles Poguntano Herb Extract (Picria fel-terrae Lour) against Staphylococcus epidermidis	2023	1188		12043					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166927754&doi=10.1088%2f1755-1315%2f1188%2f1%2f012043&partnerID=40&md5=4ba9c8da8d6bd8a8fdddb53780104395			Conference Paper	Scopus
Surya I., Marpongahtun	Oleamide as an Environment-friendly Additive for Styrene Butadiene Rubber/Silica Compound: The Strength and Elasticity Behaviours	2023	1188		12016					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166926611&doi=10.1088%2f1755-1315%2f1188%2f1%2f012016&partnerID=40&md5=5056a7c07cb8dff72bb5cbbd3488480b	Chemical Engineering Department, Universitas Sumatera Utara, Medan, Indonesia; Chemical Science Department, Universitas Sumatera Utara, Medan, Indonesia	Surya, I., Chemical Engineering Department, Universitas Sumatera Utara, Medan, Indonesia; Marpongahtun, Chemical Science Department, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus
Ginting S.W., Mardianta A.V.	Green-Walkable Infrastructure for Sustainable Development	2023	1188		12014					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166922350&doi=10.1088%2f1755-1315%2f1188%2f1%2f012014&partnerID=40&md5=34949cb475e789ccf6646c1ac136140f	Department of Architecture, Universitas Sumatera Utara, Jl. Dr. Mansyur Kampus USU Padang Bulan, Medan, 20155, Indonesia		Conference Paper	Scopus
Siahaan F.R., Sembiring M., Hasanah Y., Sabrina T.	Chemical Characteristics and Plant Growth Regulators of Organic Waste as Liquid Organic Fertilizer	2023	1188		12001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166921183&doi=10.1088%2f1755-1315%2f1188%2f1%2f012001&partnerID=40&md5=e1d68703c889d7d09ca95767ffd0a0b	Doctoral Program of Agricultural Science, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20155, Indonesia; Program Study of Agrotechnology, Faculty of Agriculture, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia		Conference Paper	Scopus
Sari H.P., Hanum C., Hasanah Y.	Morphology of Rice (Oryza sativa L.) under Drought Stress with the Application of Antioxidants in the Vegetative Phase	2023	1188		12003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166919757&doi=10.1088%2f1755-1315%2f1188%2f1%2f012003&partnerID=40&md5=c84d03bf172c75643087c81838a839dc	Faculty of Agriculture, Universitas Sumatera Utara, Jl. Prof. A. Sofyan No. 3 Kampus USU, Padang Bulan, Medan, 20155, Indonesia		Conference Paper	Scopus

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Panggabean I.P.T.	Parking Management in Kota Lama Area Medan Using Spatial Analysis	2023	1188	1	12021					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166918092&doi=10.1088%2f1755-1315%2f1188%2f1%2f012021&partnerID=40&md5=3096a21803708d497c483fa1665c2b90	Program Studi Doktor Perencanaan Wilayah, Universitas Sumatera Utara, Medan, Indonesia	Panggabean, I.P.T., Program Studi Doktor Perencanaan Wilayah, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus
Sulistiyo N., Marsudi S., Ahda M., Asmanijar W., Tobing G.L., Zahirah A.	Economic Loss Value of Human-wildlife Conflict at the Management Section of National Park (MSNP) VI Besitang, Gunung Leuser National Park (GLNP)	2023	1188	1	12011					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166917636&doi=10.1088%2f1755-1315%2f1188%2f1%2f012011&partnerID=40&md5=60c992303d5fdd0d194c90f6c7e8bfc4			Conference Paper	Scopus
Tanjung R.P., Purwoko A., Lubis R.A.	The impact of road infrastructure on regional development in South Labuhanbatu Regency, North Sumatra Province, Indonesia	2023	1188	1	12022					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166913354&doi=10.1088%2f1755-1315%2f1188%2f1%2f012022&partnerID=40&md5=6dda7d7657e23223fa12e30a11e098f5			Conference Paper	Scopus
Novrial, Hidayat H.F., Affif A.M.	An Analysis of Artificial Lighting's Relation to Visitors' Activity Place in Coffee Shops: Towards Enhancing Regional Development	2023	1188	1	12020					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166912634&doi=10.1088%2f1755-1315%2f1188%2f1%2f012020&partnerID=40&md5=962a1e1a44efa823470cb201f326972a	Departement of Architecture, Faculty of Engineering, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Sidabukke S.H., Simarmata M.M.T., Saragih R., Rasyid F., Aulin F.R.	The Effect of Changes in Forest Area Designation on a Diversity of Undergrowth Vegetation	2023	1188	1	12040					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166910270&doi=10.1088%2f1755-1315%2f1188%2f1%2f012040&partnerID=40&md5=271f3a794e3089457bf8511c776caf92			Conference Paper	Scopus
Latifah S., Yonariza, Purwanto	Study of Community Forest Management (HKm) on Socio-Economic Sustainability in Several Regions of Indonesia	2023	1188	1	12026					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166904995&doi=10.1088%2f1755-1315%2f1188%2f1%2f012026&partnerID=40&md5=58f9b49dd7c85d0bf49844da8c4c3b6f	Forestry Faculty, Universitas Sumatera Utara, North Sumatera, Indonesia; Faculty of Agriculture, Universitas Andalas, West Sumatera, Indonesia; Faculty of Social Sciences, Universitas Negeri Malang, East Java, Indonesia	Latifah, S., Forestry Faculty, Universitas Sumatera Utara, North Sumatera, Indonesia; Yonariza, Faculty of Agriculture, Universitas Andalas, West Sumatera, Indonesia; Purwanto, Faculty of Social Sciences, Universitas Negeri Malang, East Java, Indonesia	Conference Paper	Scopus
Mustika S.E., Lelo A., Hasibuan P.A., Nasution I.P., Eyanoe P.C., Ichwan M., Effendi R., Mustafa	Development of Propolis Fraction from Madu Efi's Bee Farm	2023	1188	1	12044					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166903092&doi=10.1088%2f1755-1315%2f1188%2f1%2f012044&partnerID=40&md5=4d16c2a899d90f65d4d00bb8c2bf96012			Conference Paper	Scopus
Karolina R., Tarigan J., Hardjasaputra H., Silalahi R.A.D.	Analysis of Geopolymer Mortar Compressive Strength Based on Fly Ash and GGBFS as Patch Repair Material	2023	1195	1	12032					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166595129&doi=10.1088%2f1755-1315%2f1195%2f1%2f012032&partnerID=40&md5=e7db6885531fd838cc645e86add52a37			Conference Paper	Scopus
Lubis A.S., Muis Z.A., Irza M.H.	Comparison of Asphalt Concrete-Wearing Course (AC-WC) characteristics using 60/70 asphalt penetration and Elvaloy modified asphalt	2023	1195	1	12026					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166581751&doi=10.1088%2f1755-1315%2f1195%2f1%2f012026&partnerID=40&md5=b225c5ffe5b454d3917d3467fa38cf6b	Department of Civil Engineering, Faculty of Engineering, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Muhtadi A., Leidonald R., Fauzia A.D.	Habitat characteristics and biodiversity of nekton in the Alas-Singkil River Basin, Northern Sumatra, Indonesia	2023	24	7		3673	3689			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166558510&doi=10.1305%2fbiodiv%2fd240704&partnerID=40&md5=e2efe6edfd2fa7eac2028b113acf77b3	Department of Aquatic Resources Management, Faculty of Agriculture, Universitas Sumatera Utara, Jl. Prof. A. Sofyan No. 3, Kampus USU, North Sumatra, Medan, 20155, Indonesia		Article	Scopus
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	30	2		188	193			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166441820&doi=10.46389%2fjrd-2023-1220&partnerID=40&md5=b70d82fa26745d927229cf4d7e52a4a2			Article	Scopus
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	14		1222195					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166399223&doi=10.3389%2ffphar.2023.1222195&partnerID=40&md5=7556379ee59a7d21023a8de72f1a13c2			Review	Scopus
Efendi S., Mawengkang H.	Optimization for Planning and Scheduling of Seafood Product which Incorporates Traceability Considerations	2023	120			301	316			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166320888&partnerID=40&md5=d280b91b495af5b0c4ea367087a7a5c6	Department of Computer Science, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia	Efendi, S., Department of Computer Science, Universitas Sumatera Utara, Medan, Indonesia; Mawengkang, H., Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus

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Harianto B.B., Al-Awsi G.R.L., Sivaraman R., Anarboev M., Ponkratov V.V., Lawrence S., Aravindhan S., Bloshenko T.A., Muda I.	Development of a Hybrid System Model for Enhanced Lifespan, Energy Efficiency, and Power Quality in Fuel Cells	2023	10	3		879	885			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164992102&doi=10.18280%2fmmep.100318&partnerID=40&md5=ce51688b4236251c866f4aad7bca0bac			Article	Scopus
Widiasih R., Zakaria H., Nasution S.S., Firdaus S., Pratiwi R.D.N.	Improving Fetal Health Monitoring: A Review of the Latest Developments and Future Directions	2023	13920 LNBI			89	109			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164980497&doi=10.1007%2f978-3-031-34960-7_7&partnerID=40&md5=5d6c5b4233b294ec35c00c4454b48488			Conference Paper	Scopus
Patriani P., Rosadi	The influence of marinating with red ginger (Zingiber officinale var rubrum) biomass on the physical quality and sensory properties of buffalo meat	2023	1187	1	12006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164827229&doi=10.1088%2f1755-1315%2f1187%2f1%2f012006&partnerID=40&md5=221a2e9a61fccb30f58e44299abf42e5	Animal Husbandry Study Program, Faculty of Agriculture, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia; Slaughterhouse, Rimbo Bujang District, Tebo Regency, Jambi Province, Indonesia	Patriani, P., Animal Husbandry Study Program, Faculty of Agriculture, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia; Rosadi, Slaughterhouse, Rimbo Bujang District, Tebo Regency, Jambi Province, Indonesia	Conference Paper	Scopus
Sembiring W.M., Subhilhar, Kusmanto H., Ridho H.	The Politicization of Religion and Polarization of Hate in the 2018 North Sumatra Regional Head Election Indonesia	2023	104	3						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164619031&doi=10.46222%2fpharosjot.104.328&partnerID=40&md5=b221776eb03295045ce16f17d7f216c3	Postgraduate Program of Development Studies, Faculty of Political and Social Sciences, Universitas Sumatera Utara, Indonesia		Article	Scopus
Gunawan D., Witorsyah D., Syamsuar D., Amalia A., Abdurrohman, Rahmat R.F.	Observing the Performance of the TextRank Algorithm on Automatic Text Summarization for Bahasa Indonesia	2023	13	3		1147	1153			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164615081&doi=10.18517%2fijaseit.13.3.14988&partnerID=40&md5=cd2be9f452565e113fc8e3533e4f062a			Article	Scopus
Sebayang N.U.W., Sabrina T., Rahmawati N., Lubis N.	Application of Vermicompost, Kasgot (BSF Compost), and Vermigot for growth and production of Pakchoy (Brassica rapa L.) in Ultisol	2023	1182	1	12028					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164611832&doi=10.1088%2f1755-1315%2f1182%2f1%2f012028&partnerID=40&md5=deee928fdc47e4eeb0d77be64a5e2963	Faculty of Agriculture, Universitas Sumatera Utara, Indonesia; Department of Agrotechnology, Faculty of Agriculture, Universitas Riau, Indonesia		Conference Paper	Scopus
Ode S., Nasution F.A., Regif S.Y., Indainanto Y.I.	Implications of Religious Fatwa on the Implementation of the COVID-19 Policy in Indonesia	2023	104	3						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164607920&doi=10.46222%2fpharosjot.104.320&partnerID=40&md5=979725805b5b08e78771d3bf2ae49b			Article	Scopus
Hidayat B., Sebayang N.U.W., Jamilah, Akbar A.M.	Co-composting cow manure, rice straw with marine organic waste: Characterization of compost quality	2023	1182	1	12029					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164595065&doi=10.1088%2f1755-1315%2f1182%2f1%2f012029&partnerID=40&md5=15ea252b9f91bf91948b0072c0360d3	Faculty of Agriculture, Universitas Sumatera Utara, Indonesia; Student in Department of Agrotechnology, Faculty of Agriculture, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Thamrin M.H., Eriza F., Faisal M., Nasution I.K., Afrizal, Dalimunthe M.A.	Religiosity in Paying Zakat and Tax Compliance in Medan City	2023	104	3						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164582641&doi=10.46222%2fpharosjot.104.330&partnerID=40&md5=53b045052f48fb1c5f383abb47a11615			Article	Scopus
Nasution F.A., Hardiyanto S., Indainanto Y.I., Thamrin H., Purba A.M., Regif S.Y.	Congregational Morning Prayer Movement: A Political Movement or a Spiritual Movement?	2023	104	3						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164575791&doi=10.46222%2fpharosjot.104.326&partnerID=40&md5=ab5014d753061991ac007bd39f12cc20			Article	Scopus
Santoso P., Ilyas S., Midoen Y.H., Situmorang P.C.	Effect of Vitis gracilis Wall. administration on maximal swimming exercise apoptosis via cytochrome c in rat lung cells	2023	11	3		381	390			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164501179&doi=10.56499%2fjppres23.1603_11.3.381&partnerID=40&md5=433342b8c023e8265bb04dcd39d5cbd4			Article	Scopus
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., Fatriasari W.	The Effect of Active Alkali and Sulfidity Loading on the Kraft Pulp Properties of Sweet Sorghum Bagasse	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164476288&doi=10.1007%2fs12355-023-01291-y&partnerID=40&md5=d3d9d3a099ef9afd4599baf0d39af891			Article	Scopus



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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Fachrudin H.T., Karolina R., Fachrudin K.A., Faris D.M.	Green Street Design Approach to Realize Green City. Case Study: Medan City	2023	9	1	8					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164437026&doi=10.5334%2ffce.176&partnerID=40&md5=12b5d19f2bdca5a393e86fc8e6fd6cba			Article	Scopus
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	79	1	a8608					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164196731&doi=10.4102%2ffts.v79i1.8608&partnerID=40&md5=aed92e6bdd197bc7b59701fa645c9310			Article	Scopus
Marpaung M., Nasution Z., Sirojuzilam S., Andayani L.S.	The mediating role of integrated agritourism cluster development on regional development in Indonesia	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164122548&doi=10.1080%2f19407963.2023.2230582&partnerID=40&md5=e838699f8db05e1e88f952019d99124e	Postgraduate School, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Public Health, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164112661&doi=10.1177%2f00302282221144791&partnerID=40&md5=64a243c4a87e19ae1ad538db31008aca			Article	Scopus
Siregar E.S., Pasariibu N., Lubis A.F.	Diversity of epiphytic bryophytes in Medan City Parks, North Sumatra, Indonesia and its potential as lead (Pb) bio-accumulators	2023	24	6		3214	3221			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164109637&doi=10.13057%2fbiodiv%2fd240615&partnerID=40&md5=e5519d6c35a19d24110a6d1c4f4cc139			Article	Scopus
Hasibuan R., Sari W.N., Manurung R., Alexander V.	Drying Kinetic Models of Rice Applying Fluidized Bed Dryer	2023	10	1		334	339		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163995859&doi=10.18280%2fMMEP.100138&partnerID=40&md5=21be03a86fe2c848cb0c043e2f32bc88	Department of Chemical Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
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	10	1		55	62			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163963203&doi=10.18280%2fMMEP.100107&partnerID=40&md5=692a0b55de1e40761e237ef25cbc3e0e			Article	Scopus
Siregar G.P., Parwati I., Noegroho B.S., Safridai F., Situmorang G.R., Yohana R., Khairani A.F.	The association between serum hypoxia inducible factor-1a level and urothelial bladder cancer: A preliminary study	2023	95	2		28	30			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163902172&doi=10.4081%2faiua.2023.11292&partnerID=40&md5=a4d7828e40d7497b8598184687eb20da			Article	Scopus
Panggabean N.H., Nurwahyuni I., Elimasni, Basyuni M.	Somatic Embryogenesis of Oil Palm (Elaeis guineensis Jacq.) from Bud Explants Using Suspension Culture	2023	23	2		236	242			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163728212&doi=10.3844%2fOJBSCI.2023.236.242&partnerID=40&md5=3c16ff580c2c28021326393cddc83a6d			Article	Scopus
Hakim L., Batubara R., Manurung H., Silitonga V.W.	Longitudinal and Radial Variability of Anatomical Properties, Fiber Morphology, and Mechanical Properties of Fibrovascular Bundle from Indonesian Arenga Longipes Mogea. Sp. Nov Frond	2023	20	2	2224978					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163699385&doi=10.1080%2f15440478.2023.2224978&partnerID=40&md5=11b8f12eaa338d4264d364b55d9ce0cd			Article	Scopus
Tarigan R., Hanafiah D.S., Sinuraya M., Manzila I., Hutabarat R.C., Barus S., Marpaung A.E., Karo B., Kirana R., Aryani D.S.	Characterization of gamma ray induced mutations in PepYLCV-infecting local pepper in Karo Regency, Sumatra Utara, Indonesia	2023	1183	1	12021					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163672959&doi=10.1088%2f1755-1315%2f1183%2f1%2f012021&partnerID=40&md5=160f02ae78f03b395a72d42fe0b60f6f			Conference Paper	Scopus
Rahmadana F., Hanafiah D.S., Siregar L.A.M., Lubis K., Haryati	The phenotype of the three-way cross soybean (Glycine max [L.] merrill) results	2023	1183	1	12007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163659015&doi=10.1088%2f1755-1315%2f1183%2f1%2f012007&partnerID=40&md5=b0fef0bb91fd01e201b7d89bfdaa7e33			Conference Paper	Scopus
Nazirah L., Satriawan H., Fuady Z., Vinolina N.S.	Early detection of local inbred of rice from Aceh to drought stressusing PEG 6000	2023	1183	1	12030					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163639826&doi=10.1088%2f1755-1315%2f1183%2f1%2f012030&partnerID=40&md5=847350a08b63e1d036248a74a16e9038			Conference Paper	Scopus

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Napitupulu T., Hardja Y., Susanto M., Hutahaean G.D., Riantri I., Sutapa H., Rachman Y., Siahaan A.M.P.		2023	38	2		120	127			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163616640&doi=10.4274%2fMMJ.galenos.2023.85688&partnerID=40&md5=50b5fcd3a5a58a8b7f043900374f453			Article	Scopus
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				1619	1623			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163519161&doi=10.1109%2fCICIT57646.2023.10134041&partnerID=40&md5=b633eba7762945f15ee489c47142deb6			Conference Paper	Scopus
Barus W.A., Tampubolon K., Alridiwsah, Zulkifli T.B.H., Tarigan D.M., Ardila D., Rangkuti K.	SEEDLINGS AND VEGETATIVE STAGE OF RED RICE AS AFFECTED BY INDUCTION GAMMA-RAYS UNDER SALINE STRESS	2023	71	2		75	88			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163424652&doi=10.11118%2factaun.2023.006&partnerID=40&md5=c33fdce0b046317b7e71aa7a075a53b5			Article	Scopus
Muis M.R., Lumbanraja P., Sadalia I., Absah Y.	Knowledge Sharing, Synergistic Teamwork and Innovative Behavior as Driven Factors Team Innovation in The Rural Banking Industry (Bpr) In North Sumatera	2023	24	195		38	42			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163163719&doi=10.47750%2fQAS%2f24.195.05&partnerID=40&md5=8cb145008d21b2fad394f63bf9f817de	Faculty of Economics and Business, Universitas Sumatera Utara, Indonesia		Article	Scopus
Ruslan D., Tanjung A.A., Lubis I., Siregar K.H., Pratama I.	Monetary Policy in Indonesia: Dynamics of Inflation, Credibility Index and Output Stability Post Covid 19: New Keynesian Small Macroeconomics Approach	2023	46	130		21	30			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163159361&doi=10.32826%2fcude.v1i130.1003&partnerID=40&md5=5fc0bfb3db33664d90ce2ebb9824bac8			Article	Scopus
Al-Khowarizmi, Efendi S., Nasution M.K.M., Herman M.	The Role of Detection Rate in MAPE to Improve Measurement Accuracy for Predicting FinTech Data in Various Regressions	2023				874	879			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163111890&doi=10.1109%2fICCoSITE57641.2023.10127820&partnerID=40&md5=cdd20c6d9405c8d353cd7372fc76992d	Universitas Sumatera Utara, Faculty of Computer Science and Information Technology, Medan, Indonesia		Conference Paper	Scopus
Hermansyah D., Al Anas M., Firsty N.N., Siregar D.R.	High platelet count as a predicting factor of histopathological grading among invasive breast cancer individuals: a single centre experience from Indonesia	2023	28	1		9	14			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163052139&doi=10.5603%2fRPOP.a2023.0008&partnerID=40&md5=ea40e5e443f53bc970e9b8162e696900			Article	Scopus
Sigalingging R., Simanihuruk J., Vinolina N.S., Harahap L.A., Sigalingging C.	Life cycle assessment of shallot farming in Food Estate Hutajulu, North Sumatra, Indonesia	2023	21	Spl1		357	375			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163015142&doi=10.15159%2fAR.23.010&partnerID=40&md5=f11c632d55d6ed070477a1e76d7f5374			Article	Scopus
Amelia R., Harahap J., Wijaya H.	The relationship between sleep hygiene and the prevalence of insomnia in medical students during the COVID-19 pandemic at the Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia	2023	25	1		14	17			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162942432&doi=10.5114%2ffmpcr.2023.125486&partnerID=40&md5=a92bf21bf63894ca7d24c86a18b03705	Department of Community Medicine/Public Health, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, H. Adam Malik General Hospital, Medan, Indonesia		Article	Scopus
Syahputra O.K.H., Siburian J.D.P., Anggraini N.	Mapping community participation in the food estate program of Ria-riavillage, Pollung district, Humbang Hasundutan regency, NorthSumatra province	2023	1153	1	12034					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162922841&doi=10.1088%2f1755-1315%2f1153%2f1%2f012034&partnerID=40&md5=8ec1007118f63bb0b2837f7be28f519d1			Conference Paper	Scopus
Rianna M., Silaban J., Widayatno W.B., Firdharini C., Wismogroho A.S.	Comparison of pretreatment methods for producing active carbon from coffee industry waste with potato hydroxide activators for lithium ion capacitor applications	2023	6			567	571			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162855732&doi=10.1016%2fj.mset.2023.06.001&partnerID=40&md5=fb5fdb5e5e4c43ddb05b0e33a2a7a93f	Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang, Banten, Selatan, 15314, Indonesia		Article	Scopus
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	16			3729	3741			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162837265&doi=10.2147%2fIDR.S409107&partnerID=40&md5=fa56c9eca49ab3552b8dbdbf33be84			Article	Scopus
Gultom M.A.C., Mayasari E., Wahyuni D.D., Hasby A.Y.	ASSOCIATION BETWEEN HEMOSTATIC MARKERS WITH THE SEVERITY OF COVID-19 IN MEDAN, INDONESIA	2023	18			48	53			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162597469&doi=10.3269%2f1970-5492.2023.18.10&partnerID=40&md5=72e20f7ac91e68db9cead0a496970337			Article	Scopus

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Haryanto B., Tambun R., Sinulingga E.P., Bukit R.B., Tarigan K., Gulo N.	FOAM STABILITY OF LOCAL SURFACTANT ON THE PRESENCE OF CONTAMINANT CD IONS, COFFEE AND OIL IN SOLUTION	2023	18	1		35	40			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162457366&partnerID=40&md5=d9157fd4c9dbb8cf592fd200b7be5aff			Article	Scopus
Saputra B., Alghamdi M.I., Al-Khafaji F.A.H., Al-Salami A.A.A., Ramírez-Coronel A.A., Muda I.	Perception of justice, citizens' trust and participation in a democratic Islamic society	2023	79	1	a8274					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162191281&doi=10.4102%2fhts.v79i1.8274&partnerID=40&md5=8f340d00f01b262f0bb703c4d5322ed5			Article	Scopus
Daulay E.R., Munir D., Lelo A., Putranto T.A., Icksan A.G., Haryuna T.S.H., Eyanoe P.C., Tobing T.C.L.	Effect of intra-arterial heparin flushing (IAHF) to prestin and vascular endothelial growth factor (VEGF) level in hearing loss patients	2023	70	2		351	358			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162129043&doi=10.3897%2fpharmacia.70.e97501&partnerID=40&md5=03c9da4def0184b86d458f3748f904ed			Article	Scopus
Khairunnisa K., Rambe R., Wiryanto W.	Doctor's perception of clinical pharmacy services at Universitas Sumatera Utara Hospital	2023	70	2		359	363			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162105759&doi=10.3897%2fpharmacia.70.e99091&partnerID=40&md5=5b2077f166befc8b1b7c6b34c8c65be7	Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Department of Pharmacy, Universitas Sumatera Utara Hospital, Medan, Indonesia	Khairunnisa, K., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia; Rambe, R., Department of Pharmacy, Universitas Sumatera Utara Hospital, Medan, Indonesia; Wiryanto, W., Faculty of Pharmacy, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Susilowati A., Rachmat H.H., Yulita K.S., Wijaya K.	Floristic composition and structure of Eurycoma longifolia habitat in Muka Kuning Nature Tourism Park, Riau Islands, Indonesia	2023	24	5		2836	2842			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162047794&doi=10.13057%2fbiodiv%2fd240537&partnerID=40&md5=d96dcb6da06978c8e5dd482c649907be			Article	Scopus
Hidayati S., Hadi S., Saputra, Iswanto A.H., Friatiasari W., Solihat N.N., Antov P., Hua L.S.	Characterization of lignin isolated from oil palm empty fruit bunch using phosphoric acid	2023							1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162024541&doi=10.1007%2fs13399-023-04381-9&partnerID=40&md5=36d40b0a4fbfed7f4dbe3edff076ad03			Article	Scopus
Nasution F.N., Erlina, Absah Y., Rujiman	TQM and hospital performance: a bibliometric analysis	2023	13	1		100	114			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161959705&doi=10.1504%2fJBCRM.2023.130303&partnerID=40&md5=89b44166e63bda0a90418f36eff664a	Fakultas Ekonomi dan Bisnis, Universitas Sumatera Utara, Jalan Dr. T. Mansur No. 9, Kampus USU, Medan, 20155, Indonesia		Article	Scopus
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	79	1	a8272					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161420222&doi=10.4102%2fhts.v79i1.8272&partnerID=40&md5=d535639e0c7ffc350f4dfa8433a79a9c			Article	Scopus
Darmadi D., Ariestine D.A., Surja S.S.	Role of probiotics in inflammatory bowel disease	2023	48	2		537	541			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161390078&doi=10.5455%2frmj.20230528071416&partnerID=40&md5=1648491ec5ee4f84485197605ac5589b	Department of Internal Medicine, Faculty of Medicine, Universitas Sumatera Utara, Indonesia; Department of Parasitology, School of Medicine and Health Sciences, Universitas Katolik, Jakarta, Indonesia		Review	Scopus
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	1167	1	12029					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160946299&doi=10.1088%2f1755-1315%2f1167%2f1%2f012029&partnerID=40&md5=68c09f15562851b737006f3a304ec854			Conference Paper	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160830462&doi=10.1007%2fs12008-023-01366-w&partnerID=40&md5=80b17c1128da97e7989a130d7051394b			Article	Scopus
Mulya M.B., Aldyza N., Afkar A.	The prevalence of coral health issues in the conservation area of Benteng, Weh Island, Sabang, Indonesia	2023	16	2		1166	1176			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160720297&partnerID=40&md5=6aca88b9f72bf2b631cad5102431288			Article	Scopus
Hermansyah D., Paramita D.A., Paramita D.A., Amalina N.D.	Combination Curcuma longa and Phyllanthus niruri Extract Potentiate Antiproliferative in Triple Negative Breast Cancer MDAMB-231 Cells	2023	24	5		1495	1505			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160502348&doi=10.31557%2fAPJCP.2023.24.5.1495&partnerID=40&md5=85ade595b44f9ee5d3f14fbed5ff3a6e			Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
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	7	3		768	790			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160430015&doi=10.28991%2fESJ-2023-07-03-08&partnerID=40&md5=08817cdaa7bf1fa5baa4b288052a434			Article	Scopus
Nasution M.K.M., Herawati E., Elveny M.	Semantic Information Retrieval Models	2023				49	72			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160167751&doi=10.1201%2f97810033107924&partnerID=40&md5=8cef96b0738a38570dc651d75ea3afdc			Book Chapter	Scopus
Dicky, Marpaung K., Nainggolan I.R.A., Hasibuan M., Cahyadi R.A.D., Bestari R., Ichwan M., Kusumawati R.L., Lubis I.N.D.	The trend of paediatric cases during the first year of the COVID-19 pandemic in North Sumatra, Indonesia	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160053807&doi=10.1016%2fj.ijregi.2023.02.006&partnerID=40&md5=c5b261fe66f90051fab8ceb616023c05			Article	Scopus
Pasaribu N., Atni O.K., Siregar J.P.	Diversity and species composition of lichens across altitudinal range in the Batang Toru Forest, North Sumatra, Indonesia	2023	24	4		2171	2178			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159961685&doi=10.13057%2fbiodiv%2fd240429&partnerID=40&md5=660686d9857edb78596cfa60c946680b			Article	Scopus
Warli S.M., Warli M.H., Prapiska F.F.	PCA3 and TMPRSS2: ERG Urine Level as Diagnostic Biomarker of Prostate Cancer	2023	15			149	155			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159953884&doi=10.2147%2fRRU.S401131&partnerID=40&md5=b0fd17e3844f3bb77dc9a04a46e7dff2			Article	Scopus
Warli S.M., Alamsyah M.T., Nasution A.T., Kadar D.D., Siregar G.P., Prapiska F.F.	The Assessment of Male Erectile Dysfunction Characteristics in Patients Undergoing Continuous Ambulatory Peritoneal Dialysis and Hemodialysis Using the International Index of Erectile Function (IIEF-5) Combined with Hospital Anxiety and Depression Scales	2023	16			155	161			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159900017&doi=10.2147%2fJNIRD.S402540&partnerID=40&md5=e90623dded60f30a6b0233d280f6c1ad			Article	Scopus
Harefa M.S., Nasution Z., Tuhono E., Susilowati A.	Floristic composition and carbon stock estimation under restored mangrove area in Bagan Serdang, North Sumatra, Indonesia	2023	24	4		2037	2044			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159873409&doi=10.13057%2fbiodiv%2fd240413&partnerID=40&md5=92dae3e6cc4a1945af9f13e38c5dfe71			Article	Scopus
Warli S.M., Putrantyo I.I., Laksmi L.I.	Correlation Between Tumor-Associated Collagen Signature and Fibroblast Activation Protein Expression With Prognosis of Clear Cell Renal Cell Carcinoma Patient	2023	14	2		145	149			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159847397&doi=10.14740%2fwjon1564&partnerID=40&md5=0deea77c273948f538a79dbded8d33fe			Article	Scopus
Irwanti M., Ramírez-Coronel A.A., Kumar T., Muda I., Al-Khafaji F.A.H., Alsalamy H.T., Hassan A.Y.	The study of freedom of expression in Islamic teachings with an emphasis on Nahj al-Balagha	2023	79	1	a8368					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159829984&doi=10.4102%2fhts.v79i1.8368&partnerID=40&md5=c504c2747d40e9c184cca1db5e5f7243			Article	Scopus
Junaidi	Smallpox vaccination in Nias Island, Indonesia, 1854-1915	2023	7	1	e2023005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159806862&partnerID=40&md5=cbbca4b7223e67b3baf3f9909b47bc84	Department of History, Faculty of Cultural Sciences, University of Sumatera Utara, Indonesia	Junaidi, Department of History, Faculty of Cultural Sciences, University of Sumatera Utara, Indonesia	Article	Scopus
Warli S.M., Firsty N.N., Natalia D., Velaro A.J., Tala Z.Z.	Urodynamic parameter improvements after mirabegron vs. antimuscarinics agents in non-neurogenic overactive bladder: a systematic review and meta-analysis of treatment effect	2023	27	9		3864	3876			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159758194&doi=10.26355%2furrev_202305_32292&partnerID=40&md5=59489c00c1b986e3fbb98c11cd660a9b			Article	Scopus
Zulkarnain I., Asmara S., Sutatminingsih R.	Tutur: language and traditional communication in the Mandailing community, Indonesia	2023	10	1	2211816					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159654778&doi=10.1080%2f23311983.2023.2211816&partnerID=40&md5=e682253535d0731da3f2a2a1688391fa	Department of Communication, Universitas Sumatera Utara, Medan, Indonesia; Department of Psychology, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
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	36	2	2170900					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159615175&doi=10.1080%2f1331677X.2023.2170900&partnerID=40&md5=e631ec27b5d5668e4862379500c51d3e			Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Effendy E., Mardhiyah S.A.	COVID-19 survivors: the link between C-reactive protein and psychopathologies	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85157969259&doi=10.1016%2fj.ijregi.2023.04.010&partnerID=40&md5=a786c90129bffa8e08916ecac2c7f136	Department of Psychiatry, Faculty of Medicine, Universitas Sumatera Utara, Universitas Sumatera Utara General Hospital, Medan, Indonesia		Article	Scopus
Samosir P., Ediwarman, Ginting B., Ablisar M., Syahrin A., Sunarmi, Ismansyah	Identification and Classification of Fraud Crime by Cooperative Management Using Deep Neural Networks	2023	14	1		27	32			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156192474&partnerID=40&md5=e0dbd29a4222a047cfa4c867ba519034	Universitas Sumatra Utara, Medan, Indonesia; Doctoral Program of Law, Universitas Andalas, Padang, Indonesia		Article	Scopus
Sitohang N.S., Isa Irawan M., Saragi H.S., Saragih A., Simanjuntak R.	Prioritizing Load Break Switch Placement: Application of Fuzzy AHP-TOPSIS Approaches	2023				32	37			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156145012&doi=10.1109%2fCPEA56918.2023.10093205&partnerID=40&md5=a94f318887016ed0e408ea62afc35c42			Conference Paper	Scopus
Hidayati S., Budiyanto E.F., Saputra H., Hadi S., Iswanto A.H., Solihat N.N., Antov P., Hua L.S., Patriasari W., Sapuan Salit M.	Characterization of Formacell Lignin Derived from Black Liquor as a Potential Green Additive for Advanced Biocomposites	2023	11	6		2865	2879		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156085364&doi=10.32604%2fjrm.2023.027579&partnerID=40&md5=a390208645128a13d3a5678cfa8bfaa7			Article	Scopus
Julianti E., Ridwansyah, Zaharami A.	Characteristics of Bread from Purple Sweet Potato Flour with the Addition of Hemicellulase Enzyme	2023	19	51		127	128			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154570688&partnerID=40&md5=cf6fbc8ec5fead2d5cd9055c8f48a41a	Department of Food Technology, Faculty of Agriculture, Universitas Sumatera Utara, Medan, 20152, Indonesia		Article	Scopus
Amalia M., Yosua P.S., Mohammad I.S.B., Nababan F.S.R., Zulkarnain, Wulandari P., Nasution A.H., Syahputra A.	Inhibitory test of andaliman (Zanthoxylum achantopodium DC) extract mouthwash against dental plaque bacteria	2023	56	2		92	97			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153969714&doi=10.20473%2fJ.DJMKG.V56.I2.P92-97&partnerID=40&md5=f1499196e49b9656c1d8bd32e048f40c			Article	Scopus
Lubis H.F., Natarisya H.	Changes in the corrosion rate and microstructure of beta titanium wire using kiwi peel extract	2023	56	2		122	126			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153944610&doi=10.20473%2fJ.DJMKG.V56.I2.P122-126&partnerID=40&md5=85827b3dc8938b34311d8ac8eba3e621	Department of Orthodontics, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia	Lubis, H.F., Department of Orthodontics, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia; Natarisya, H., Department of Orthodontics, Faculty of Dentistry, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Amelia R., Wijaya H., Harahap J., Rusdiana R.	Citizens' perception of and willingness to receive COVID-19 vaccination in Medan. Indonesia	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153938775&doi=10.1016%2fj.ijregi.2023.04.006&partnerID=40&md5=7b4f9b25b5fbec0afbaf89d29f69becc			Article	Scopus
Rambey R., Saputra N., Rambe I.F., Nopandry B., Zunaidi S., Christy E.L., Setiawan T., Afifuddin Y., Hartanto A.	Population and autecology of the endangered Rafflesia meijeri in Batang Gadis National Park, Indonesia	2023	24	3		1845	1852			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153932613&doi=10.13057%2fbiodiv%2fd240360&partnerID=40&md5=422fdb01ac72d5c9389bc07059629d4e			Article	Scopus
Zulkarnain Z., Ginting E.D.J., Novliadi F., Pasaribu S.P.	Workplace bullying and its impact on quality of work life [Šikana na pracovišti a její dopad na kvalitu pracovního života]	2023	25	1		385	390			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153873244&doi=10.32725%2fkont.2023.002&partnerID=40&md5=905c7e71699aef7995b93dcb9e15b1b7	Universitas Sumatera Utara, Faculty of Psychology, Medan, Indonesia		Article	Scopus
Yeanny M.S., Barus T.A., Mawengkang H., Mulya M.B.	Model of Phytoplankton Diversity in Belawan River, North Sumatera, Indonesia	2023	26	1		40	47			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153873081&doi=10.3923%2fpjbs.2023.40.47&partnerID=40&md5=15dabb9e6cd194d3f4962bf43f35f52c			Article	Scopus
Abdullah, Jamil K.F., Lindarto D., Salwani D., Muhsin, Khairi A.B., Syukri M.	Declining in estimated glomerular filtration rate of chronic kidney disease patients after Ramadan fasting is independent of interleukin-6 serum level	2023	12	1		94	98			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153753304&doi=10.15562%2fbmj.v12i1.3953&partnerID=40&md5=0b03dba1b29c7301632f353ace376d5b			Article	Scopus
Pulungan A.N., Goei R., Kembaren A., Nurfajriani N., Sihombing J.L., Gea S., Wong H.R., Hasibuan M.I., Rahayu R., Tok A.I.Y.	Two stages upgrading of bio-oil through esterification and hydrodeoxygenation reactions using Fe2O3-CoO supported catalyst	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153626307&doi=10.1007%2fs13399-023-04237-2&partnerID=40&md5=eb4d6b2824d91f870860da6d33968dfd			Article	Scopus

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Hamid M., Susilawati, Amaturrehman S.A., Dalimunthe I.B., Daulay A.	Synthesis of magnetic activated carbon-supported cobalt(II) chloride derived from pecan shell (Aleurites moluccana) with co-precipitation method as the electrode in supercapacitors	2023	6			429	436			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153534157&doi=10.1016%2fj.mset.2023.04.004&partnerID=40&md5=f24e9da0a07c8696b2b523cb74cbbca0			Article	Scopus
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	14		1152411					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153477474&doi=10.3389%2ffmicb.2023.1152411&partnerID=40&md5=6d83e68e6e84411d17cb4fbec1fdaf	Institute for Medical Microbiology and Virology, University Medical Center Göttingen, Göttingen, Germany; Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Purba I.R., Hartanto A., Prakoso B.P.	Community Structure of Macrozoobenthos from Upstream to Downstream of Purba District, North Sumatra	2023	11	2		240	248			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153370615&doi=10.13189%2feer.2023.110202&partnerID=40&md5=dc2f7c41fb3ad63e1ca38fb00380466f			Article	Scopus
Santoso M.R., Maksum A., Ramli, Bukit R.Br.	Model of Tax Planning and Firm Value Relationship with Tax Amnesty as a Control Variable: Evidence from Indonesia	2023	24	194		118	126			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153369243&doi=10.47750%2fQAS%2f24.194.14&partnerID=40&md5=6f90bedad42bc7b8d56b1d4f3b15f1d7	Faculty of Economics and Business, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Hasanah Y., Mawarni L., Hanum H., Wirawan F.R., Kurniawan I.	Differences in Cultivation Methods and Their Effects on Production and Physiological Characteristics of Shallots in the Highlands	2023	22	2		284	289			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153360527&doi=10.3923%2fajps.2023.284.289&partnerID=40&md5=eb08a43995f6b48fcd92093c1014c7a6			Article	Scopus
Situmorang T.P., Zуска F.	Accessibility of Citizens With Parmalim Beliefs to Civil Rights in Indonesia	2023	104	2						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153346813&doi=10.46222%2fPHAROSIJOT.104.222&partnerID=40&md5=c28c335120807d603eed49597e4d420b	Program Studies Political Science Faculty of Political and Social Sciences Universitas Sumatera Utara, Indonesia; Program Studies Social Anthropology Faculty of Political and Social Sciences Universitas Sumatera Utara, Indonesia		Article	Scopus
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 PM2.5Concentration Levels by Observing Meteorological Parameters in Jakarta-Indonesia Using AdaBoost, XGBoost, CatBoost, and LightGBM	2023	11			35680	35696			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153341790&doi=10.1109%2fACCESS.2023.3265019&partnerID=40&md5=e2f82fcb9cd35e0f9f7f2f730a304ad8			Article	Scopus
Mufarhatun N., Susilowati A., Hilwan I., Arrofa 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	24	3		1704	1712			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153322542&doi=10.13057%2fbiodiv%2fd240344&partnerID=40&md5=121e0349629ae7fb335a9eaf0aff322d			Article	Scopus
Sufarnap E., Harahap K.I., Adiana I.D., Lim D., Lim C., Christy C.	Corrosion of copper nickel titanium archwire in chlorhexidine, sodium fluoride, and chitosan mouthwashes	2023	12		159					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152959806&doi=10.12688%2ff1000research.129043.1&partnerID=40&md5=2132e70493eda764789d24d9db0be205			Article	Scopus
Aulia L., Pane Y.S.	Effect of Aloe vera extract in post-burn skin repair in rats	2023	11		168					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152929851&doi=10.12688%2ff1000research.79538.3&partnerID=40&md5=dcf9e3bf83444fc57801c20f39fb6f8c	Faculty of Medicine, Universitas Sumatera Utara, North Sumatera, Medan, 20155, Indonesia; Department of Pharmacology and Therapeutics, Faculty of Medicine, Universitas Sumatera Utara, Jl. Dr. Mansyur, No.5, Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Pakpahan C., Ibrahim R., William W., Kandar P.S., Darmadi D., Khaerana A.S.T.A., Supardi S.	“Am I Masculine?” A metasynthesis of qualitative studies on traditional masculinity on infertility	2023	12		252					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152886915&doi=10.12688%2ff1000research.131599.1&partnerID=40&md5=d529b46798505fe1a1f7a74e2e13e384			Review	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152697972&doi=10.1016%2fj.ijregi.2023.03.011&partnerID=40&md5=66a2422f3e268543f00a93440cf5f9cd			Article	Scopus
Hermansyah D., Kurniawan D., Rahayu Y., Joseph B., Mohammad F., Siregar D.R., Pasaribu E.T.	Incidence of COVID-19 in cancer patients in a teaching hospital faculty of medicine, in Medan, Indonesia	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152681844&doi=10.1016%2fj.ijregi.2023.03.008&partnerID=40&md5=2190dbcb697058453f568b7b22067c20	Division of Surgical Oncology, Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Surgery, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Nasution M.A., Silalahi J., Harahap U., Hasibuan P.A.Z., Satria D.	The anti-inflammatory activity of hydrolyzed virgin coconut oil towards RAW 264.7 cell	2023	27	2		705	711			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151333346&doi=10.29228%2fjrp.353&partnerID=40&md5=8d364b69ec4334cc47ce9ed1f81b29b6			Article	Scopus
Aneu A., Pratika R.A., Hasanudin, Gea S., Wijaya K., Oh W.-C.	Silica-Based Catalysts for Biodiesel Production: A Brief Review	2023							1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151282634&doi=10.1007%2fs12633-023-02403-9&partnerID=40&md5=66887ded7f250698af92457a502c20f9			Review	Scopus
Nasution M.D.T.P., Rini E.S., Sembiring B.K.F., Silalahi A.S.	Customer Resource Integration in Virtual Brand Communities: Conceptual Framework	2023	620 LNNS			659	666			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151158716&doi=10.1007%2f978-3-031-26953-0_60&partnerID=40&md5=1fa120b7b71f1f459f9c2881aaedc398	Faculty of Economics and Business, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia		Conference Paper	Scopus
Rossanty Y., Rini E.S., Sembiring B.K.F., Silalahi A.S.	Consumer Response Model for Luxury Brands	2023	620 LNNS			676	681			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151117566&doi=10.1007%2f978-3-031-26953-0_62&partnerID=40&md5=cdb2ba32b0b9e3d0faf4be4bb88f7072	Faculty of Economics and Business, Universitas Sumatera Utara, North Sumatera, Medan, Indonesia		Conference Paper	Scopus
Hamid M., Rianna M., Vania M.D.E., Yanti I.D., Manurung F.A.A., Afriandani R., Daulay A.	Sweet potato-derived carbon nanosheets incorporate NiCo2O4 nanocomposite as electrode materials for supercapacitors	2023	6			382	387			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151019279&doi=10.1016%2fj.mset.2023.03.006&partnerID=40&md5=906d6f23723086e06fc361bae862358a			Article	Scopus
Achmad N., Harahap R.H., Ihsan M.I.	Radicalism movement in higher education in Indonesia: Students' understanding and its prevention	2023	44	1		123	128		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150949377&doi=10.34044%2fj.kjss.2023.44.1.13&partnerID=40&md5=7c79e2ede123ab024d512c99ff4a23c9	Anthropology, Department of Anthropology, Faculty of Social and Political Sciences, Universitas Sumatera Utara, Sumatera Utara, Medan, 20222, Indonesia		Article	Scopus
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	43	3		117	128			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150947101&doi=10.1080%2f02773813.2023.2190594&partnerID=40&md5=0e08aa9003438c4cba2884fcd6a6eff6e			Article	Scopus
Warli S.M., Mantiri B.J., Sihombing B., Siregar G.P., Prapiska F.F.	Nephrolithiasis-Associated Renal Cell Carcinoma in Patients Who Underwent Nephrectomy: A Single-Center Experience	2023	14	1		94	100			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150909862&doi=10.14740%2fwjon1560&partnerID=40&md5=e06926ec3a6173281ab380948681e9b0			Article	Scopus
Tarigan J.B., Barus D.A., Brahmana G., Hulu D.A., Sembiring W.S., Perangin-Angin S., Sitepu E.K.	MICROWAVE FACILITATED THE SYNTHESIS OF ISOPROPYL MYRISTATE AND PALMITATE USING HETEROGENEOUS CATALYST	2023	16	1		176	181			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150853042&doi=10.31788%2fRJ.2023.1618078&partnerID=40&md5=a06cb07520615a168be2a8db6ad9a5f9	Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia; Department of Physics, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Fitri K., Andry M., Khairani T.N., Winata H.S., Violenta A., Lubis N., Lubis M.F.	SYNTHESIS OF SILVER NANOPARTICLES USING ETHANOLIC EXTRACT OF Nelumbo nucifera Gaertn. LEAF AND ITS CYTOTOXIC ACTIVITY AGAINST T47D AND 4T1 CELL LINES	2023	16	1		104	110			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150850150&doi=10.31788%2fRJ.2023.1618000&partnerID=40&md5=d63ceef7cea8d3ccf9e2193e31604324			Article	Scopus
Lubis M.F., Hasibuan P.A.Z., Kaban V.E., Astyka R.	PHYTOCHEMICALS ANALYSIS AND CYTOTOXIC ACTIVITY OF Lansium domesticum Corr EXTRACT-CISPLATIN COMBINATION AGAINST PANC-1 CELL LINE	2023	16	1		32	37			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150845965&doi=10.31788%2fRJ.2023.1617074&partnerID=40&md5=bb0d753e9f84eb3d6519344d187365f2			Article	Scopus
Sofyan R., Tarigan B.	Becoming professional translators: Developing effective TAP course for undergraduate students	2023	12	3		765	776			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150835648&doi=10.17509%2fijal.v12i3.38780&partnerID=40&md5=8e6447dbcd761b5504e22c4e50df133c	Faculty of Cultural Sciences, Universitas Sumatera Utara, Jalan Universitas 19 Kampus USU Padang Bulan, North Sumatra, Medan, 20155, Indonesia		Article	Scopus
Sinaga S.P., Situmorang R.F.R., Singarimbun N., Lestari W., Gurning K.	DETERMINATION OF TOTAL PHYTOCHEMICAL COMPOUNDS FROM ETHANOL EXTRACT NANGKA (Artocarpus heterophyllus Lam.) LEAVES AND ANTIOXIDANT ACTIVITY FROM NORTH SUMATERA, INDONESIA	2023	16	1		19	23		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150834821&doi=10.31788%2fRJ.2023.1618113&partnerID=40&md5=2127efb06e50ef953675f40408188d2b			Article	Scopus

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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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150792205&doi=10.1016%2Fj.ijregi.2023.02.009&partnerID=40&md5=47bbca0784466e33f9c465abce1a625d	Department of Paediatrics, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Clinical Microbiology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Menzies School of Health Research, Darwin, Australia		Article	Scopus
Ginting B.S., Ginting A., Sitepu E.K., Tarigan J.B.	NON-CATALYTIC SYNTHESIS OF FATTY ACID ALKANOLAMIDES FROM PALM FATTY ACID DISTILLATE AND MONOETHANOLAMINE UNDER MICROWAVE IRRADIATION	2023	16	1		391	397			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150783324&doi=10.31788%2FJRC.2023.1618188&partnerID=40&md5=d1a965b5e2f550f197975fba8ed688b2	Department of Chemistry, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
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	16	1		182	187			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150759705&doi=10.31788%2FJRC.2023.1618038&partnerID=40&md5=46f83510d1f6330b070fd2e52a271ae5			Article	Scopus
Pakpahan C., Ilhamsyah I., Supardi S., Narulita P., Agustinus A., Darmadi D.	The interplay between neutrophil-lymphocyte ratio, platelet-lymphocyte ratio, erectile dysfunction, and Peyronie's disease: A meta-analysis of observational studies	2023	95	1	A7					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150751863&doi=10.4081%2Faiua.2023.11162&partnerID=40&md5=d2d11359f819d8ec488cec9e370dd7ef			Article	Scopus
Darmadi D., Pakpahan C., Rezano A., Pasaribu W.S., Ahmad H., Lubis A., Supardi S.	Semen and sex-steroid parameters among inflammatory bowel disease ulcerative colitis type according to rectal bleeding grade	2023	95	1	11100					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150751151&doi=10.4081%2Faiua.2023.11100&partnerID=40&md5=c6e78d2cddc36241ac0c06fa26a6d7b5			Article	Scopus
Siregar S.M., Humaidi S., Bukit N., Frida E.	Analysis of Coal Boiler Ash Content and Palm Shell Boiler Ash as a Cementitious Material in ECC Mortar	2023	940			165	172			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150522565&doi=10.4028%2Fp-5x8fbi&partnerID=40&md5=99978f2da479c2b3db6899b9bd263b4d			Book Chapter	Scopus
Fauzi, Hakim L., Simbolon T.	Manufacturing and Characterization of Polymer Concrete with Aggregate from Sand, Egg Shell and Sugarcane Waste with Epoxy Resin Binder as Sound Absorber	2023	940			173	181			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150492506&doi=10.4028%2Fp-2s9z9k&partnerID=40&md5=f01419e2c0c2bc9d2e59edc864fbee78	Physics Program, Faculty of Science and Technology, University of Sumatera Utara, Medan, 20155, Indonesia		Book Chapter	Scopus
Muda I., Mohammadi M.J., Sepahvad A., Farhadi A., Fadhel Obaid R., Taherian M., Alali N., Chowdhury S., Farhadi M.	Associated health risk assessment due to exposure to BTEX compounds in fuel station workers	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150457731&doi=10.1515%2Frevh-2023-0012&partnerID=40&md5=2c66e5638b1bb9833d27c2babfa19d7b			Review	Scopus
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	15	6	4987				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150361487&doi=10.3390%2Fsu15064987&partnerID=40&md5=b39d870f02627f76bdaaa5e3f1bcbdb9d			Article	Scopus
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	79	1	a8185					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150293353&doi=10.4102%2FHts.V79I1.8185&partnerID=40&md5=aa2616dde506ed7699443dff29b9ab23			Article	Scopus
Darmadi D., Ruslie R.H.	Inflammatory bowel disease in pediatrics	2023	48	1		269	275			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150254744&doi=10.5455%2Frmj20220813013434&partnerID=40&md5=287ac7907a68bffafacea23a476181e72e	Department of Internal Medicine and Gastroenterology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Department of Pediatrics, Faculty of Medicine, Universitas Prima Indonesia, Medan, Indonesia	Darmadi, D., Department of Internal Medicine and Gastroenterology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia; Ruslie, R.H., Department of Pediatrics, Faculty of Medicine, Universitas Prima Indonesia, Medan, Indonesia	Review	Scopus
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	10	1	2183565					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150230175&doi=10.1080%2F23311975.2023.2183565&partnerID=40&md5=26614f7182af03d8d54a1a227f59f48b			Article	Scopus
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	79	1	a8194				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150170547&doi=10.4102%2FHts.V79I1.8194&partnerID=40&md5=476892e27490d91c1865395663aa353e			Article	Scopus

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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	10		1033258					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150056433&doi=10.3389%2ffmars.2023.1033258&partnerID=40&md5=13dcacb4dbc67a18722c3f352ee7cc61			Short Survey	Scopus
Gani B.A., Soraya C., Sugiaman V.K., Batubara F.Y., Syafriza D., Naliani S., Rezeki S., Jakfar S., Nazar M., Hayati K.	Fungistatic effect of Moringa oleifera Lam. on the metabolism changes of Candida albicans [Efecto fungistático de Moringa oleifera Lam. sobre los cambios en el metabolismo de Candida albicans]	2023	11	1		179	190			https://www.scopus.com/inward/record.uri?eid=2-s2.0-8514995087&doi=10.56499%2fjppres22.1533_11.1.179&partnerID=40&md5=3fb11060bd1731a8e3fdbba0d8dd20c8			Article	Scopus
Reveny J., Maha H.L., Laila L.	A Comparative Study of Phytochemical Screening and DPPH Radical Scavenging Activity of Ficus carica Linn. Leaves Extracts	2023	7	2		2337	2340		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149963739&doi=10.26538%2ftjnp%2fv7i2.5&partnerID=40&md5=529894a17b0916462d90f5a83f93342	Department of Pharmaceutical Technology, Faculty of Pharmacy Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Siregar T., Lubis I., Harahap A.S.	The Role of Local Wisdom in Law: Alternative Dispute Resolution in the Land Sector in North Sumatra, Indonesia	2023	10	1		312	319		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149923478&partnerID=40&md5=55206b3968e2088a7a45ef8a14783121	Faculty of Law, Universitas Medan Area, Medan, Indonesia; Facultas of Law, Universitas Muslim Nusantara Al Washliyah, Medan, Indonesia; Universitas Sumatera Utara, Medan, Indonesia	Siregar, T., Faculty of Law, Universitas Medan Area, Medan, Indonesia; Lubis, I., Facultas of Law, Universitas Muslim Nusantara Al Washliyah, Medan, Indonesia; Harahap, A.S., Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Basyuni M., Rizaldi M.R., Amelia R., Bimantara Y., Sulistiyono N., Slamet B., Al Mustaniroh S.S.	Nutritional values of Avicennia marina leaves and its application as fodder for Kacang goat (Capra aegagrus)	2023	24	2		1039	1048			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149710130&doi=10.13057%2fbiodiv%2fd240245&partnerID=40&md5=774d4ac85c899465586fae84cc5c8a29	Department of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Kampus 2 Bekala, Deli Serdang 20353, Indonesia; Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149477848&doi=10.1007%2fs10775-023-09582-2&partnerID=40&md5=aff28c9f981590351ac4164496d1ffb8			Article	Scopus
Satria D., Harahap U., Dalimunthe A., Septama A.W., Hertiani T., Nasri N.	Synergistic Antibacterial Effect of Ethyl Acetate Fraction of Vernonia amygdalina Delille Leaves with Tetracycline against Clinical Isolate Methicillin-Resistant Staphylococcus aureus (MRSA) and Pseudomonas aeruginosa	2023	2023		2259534					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149464458&doi=10.1155%2f2023%2f2259534&partnerID=40&md5=71cbdc26510990f79fe123672f04aaee			Article	Scopus
Sebayang N.U.W., Syahputra E., Setiawan A.	Distribution of highland cassava genotypes in soil nutrient gradient of Toba District, North Sumatra, Indonesia	2023	24	2		923	929			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149385297&doi=10.13057%2fbiodiv%2fd240231&partnerID=40&md5=ed145f3402f5549843a28a5c28549ae			Article	Scopus
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	15	2	1728					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149225313&doi=10.3390%2fsu15021728&partnerID=40&md5=01efe6d81e1cf3713e722bd13e38a652			Article	Scopus
Situmorang P.C., Syahputra R.A., Simanullang R.H.	Suppression of Fas expression in the hypertensive placental histology of rats given Nano herbal of Rhodomyrtus tomentosa leaves	2023	50	1 A					1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149206292&doi=10.48129%2fjkjs.16833&partnerID=40&md5=df53a184ebbcf109252ecf461f583cff			Article	Scopus
Patana P., Alikodra H.S., Mawengkang H., Hamdani Harahap R.	State of human tiger conflict around Gunung Leuser National Park in Langkat Landscape, North Sumatra, Indonesia	2023	24	2		837	846			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149201256&doi=10.13057%2fbiodiv%2fd240220&partnerID=40&md5=b134718e050dee99e4eb018b272c0611			Article	Scopus
Ridho H., Thamrin M.H., Nasution F.A., Indainanto Y.I.	Disposition of Waste Management Policy Implementers Through the Regional Cooperation Scheme	2023	18	1		275	282		5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149144935&doi=10.18280%2fjjsdp.180129&partnerID=40&md5=e06d96ddfb09e8ce0f933cb9329b7c6e			Article	Scopus
Harahap N.I.P., Munir E., Hutahaean S.	Immunomodulatory effects of probiotics isolated from traditional fermented foods and beverages of Sumatra (Indonesia) and synbiotics in mice	2023	24	2		1157	1162			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149042582&doi=10.13057%2fbiodiv%2fd240256&partnerID=40&md5=e9f8930ce0a21a151701b56dace81be5			Article	Scopus

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- ☐ Surat ini dapat dibuktikan keasliannya dengan memindai kode QR pada dokumen ini dan informasi akan ditampilkan dalam peramban



Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
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	79	1	a8052					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149041895&doi=10.4102%2fhts.v79i1.8052&partnerID=40&md5=435dd4ee4809f36ba5f278da5758a19			Article	Scopus
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	79	1	a8177				4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149039349&doi=10.4102%2fhts.v79i1.8177&partnerID=40&md5=53d19a2627cc605ece01a370f1a95330			Article	Scopus
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	79	1	a8228					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149030952&doi=10.4102%2fhts.v79i1.8228&partnerID=40&md5=bb9d0a4de12d6e84f558826a423e36d7			Article	Scopus
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	79	1	a8193				4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149001903&doi=10.4102%2fhts.v79i1.8193&partnerID=40&md5=7196d435f9b190f48c128c2d1e53f082			Article	Scopus
Jusuf N.K., Putra I.B., Rangkuti A.D.P.	Assessing Acne Severity: Teledermatology Versus Face to Face Consultations during the COVID-19 Pandemic	2023	16	1		30	34		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148857928&partnerID=40&md5=522381ccd655feb22ebf422ea5747	The Department of Dermatology and Venereology, Faculty of Medicine, Universitas Sumatera Utara, Universitas Sumatera Utara Hospital, Medan, Indonesia		Article	Scopus
Nasution M.K.M., Nasution R.M.W., Syah R., Elveny M.	Biotechnology Among Computer Science and Data Science: A Review of Scientific Development	2023	597	LNNS		903	911			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148761296&doi=10.1007%2f978-3-031-21438-7_76&partnerID=40&md5=21a3ef3253b0fbff40da1ba23c1b443e			Conference Paper	Scopus
Hanafiah D.S., Siregar L.A.M., Lubis K., Haryati, Rahmadana F.	The heterosis, heterobeltiosis, and the yielding ability of hybrids of three parental crossings of soybean (Glycine max)	2023	24	2		1032	1038			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148703323&doi=10.13057%2fbiodiv%2fd240244&partnerID=40&md5=a769645b2cd3436e82c6fa6016d6a3d2			Article	Scopus
Nurtjahja K., Yurnaliza, Bungsu A., Silalahi J.E., Simanullang J., Gultom B.N.L.	Fungal Contamination and Characterization of Aspergillus flavus on Poultry Feeds and their Ingredients in North Sumatera	2023	23	1						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148656044&doi=10.55003%2fcast.2022.01.23.004&partnerID=40&md5=82397ee70afa1877f4c0812e8adef949	Department of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jln. Bioteknologi no. 1, North Sumatera, Medan, 20155, Indonesia		Article	Scopus
Thamrin H., Gaus N., Ritonga F.U., Baa S.	New public management and gendered universities: understanding the persistence of gender inequality in academia	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148633976&doi=10.1108%2fJARHE-11-2022-0336&partnerID=40&md5=509c88d64ece8ded1aba3f1d7e3a3a88	Universitas Sumatera Utara, Medan, Indonesia; Universitas Negeri Yogyakarta, Yogyakarta, Indonesia; Universitas Negeri Makassar, Makassar, Indonesia	Thamrin, H., Universitas Sumatera Utara, Medan, Indonesia; Gaus, N., Universitas Negeri Yogyakarta, Yogyakarta, Indonesia; Ritonga, F.U., Universitas Sumatera Utara, Medan, Indonesia; Baa, S., Universitas Negeri Makassar, Makassar, Indonesia	Article	Scopus
Siregar K.E., Badaruddin, Lubis L.A., Humaizi	Utilization of Social Capital in Managing Family Planning Village Programs in Rural Communities in Indonesia	2023	50	2		351	370			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148503216&doi=10.1080%2f08039410.2023.2178501&partnerID=40&md5=7facb40d07660bd5f1599a349e10425d	Universitas Sumatera Utara, Medan, Indonesia	Siregar, K.E., Universitas Sumatera Utara, Medan, Indonesia; Badaruddin, Universitas Sumatera Utara, Medan, Indonesia; Lubis, L.A., Universitas Sumatera Utara, Medan, Indonesia; Humaizi, Universitas Sumatera Utara, Medan, Indonesia	Article	Scopus
Purwandari V., Rianna M., Marpongahtun, Isnaeni I., Zou Y., Harahap M., Halawa G., Goei R., Iing Yoong Tok A.	The role of biocatalysts in the synthesis of graphene nanosheets from sub-bituminous coal	2023	6			282	289			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148323867&doi=10.1016%2fj.mset.2023.02.004&partnerID=40&md5=769d64812d4cfa96719d66f435ef0873			Article	Scopus
Nasution M.K.M., Syah R., Elveny M.	Nanotechnology on Perspective Computer Science	2023	596	LNNS		418	429			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148042576&doi=10.1007%2f978-3-031-21435-6_36&partnerID=40&md5=b354014162786d483a00688e424d7633			Conference Paper	Scopus
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	75	1		815	829			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147990516&doi=10.32604%2fcm.2023.034297&partnerID=40&md5=8848f24defa4b5e18850e5449af44267			Article	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Yanni G.N., Saragih R.A.C., Lubis S.	Red Cell Distribution Width on First Day Intensive Care Unit Admission in Paediatrics	2023	124	1		52	57			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147894651&doi=10.14712%2f23362936.2023.5&partnerID=40&md5=4b11145f875d449dda573d20e3b9a8fe	Department of Child Health, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
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	44	3		336	353			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147749879&doi=10.1080%2f1554477X.2023.2174367&partnerID=40&md5=bb430d4176f3a249ee2dcac7053580c9			Article	Scopus
Afrianti S., Irvan, Nur T.B., Delvian	Model combination of biodigester and composter	2023	21	1		151	159			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147738671&doi=10.22124%2fcjes.2023.6206&partnerID=40&md5=46124eccd25651bc524fe23e11e326b6			Article	Scopus
Zein T.T., Sinar T.S., Nurlela N., Lubis T., Rosa R.N.	Theme Structure in an Introduction Section of Articles Published in Indonesian National Journals	2023	10	1		251	265			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147673538&doi=10.24815%2fsiele.v10i1.25181&partnerID=40&md5=c35876f8f729055614b2253fe6a3d720	English Department, Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; English Department, Faculty of Languages and Arts, Universitas Negeri Padang, Padang, 25131, Indonesia		Article	Scopus
Sofyan R., Tarigan B., Ganie R.	Need Analysis for Digital Instructional Materials of the Translation Theory Course in Indonesia	2023	10	1		369	387			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147671523&doi=10.24815%2fsiele.v10i1.25636&partnerID=40&md5=09f67b1207bde478e79ef662f218d362	Department of English Literature, Faculty of Cultural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Dalimunthe D.A., Lubis S.R., Irene Sinambela D.W.	Clinico-sociodemographic profile of leprosy neuropathy in Medan, Indonesia	2023	33	1		137	141			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147442237&partnerID=40&md5=a3d07cb1b75e3881d669533699ac3361	Department of Dermatology and Venereology, Faculty of Medicine, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Siregar O., Lelo A., Rahyussalim A.J., Ilyas S., Benny, Kurniawati T., Augustinus Y., Hendra, Mandagi T., Zufar M.L.L., Fathurrahman I.	Doxycycline as a Potential MMP-1 Inhibitor for the Treatment of Spondylitis Tuberculosis: A Study in Rabbit Model	2023	2023		7421325					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147392726&doi=10.1155%2f2023%2f7421325&partnerID=40&md5=90f820590c7b0512ed388feebc888583			Article	Scopus
Rozziansha T.A.P., Fitriani A.A., Girsang R.J., Priwiratama H., Prasetyo A.E.	Biology of Elaeidobius kamerunicus in the lowland and highland on North Sumatra, Indonesia	2023	1133	1	12055					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147382620&doi=10.1088%2f1755-1315%2f1133%2f1%2f012055&partnerID=40&md5=25ed9c9ea9fc1d44c11d05902412a17e	Plant Protection Research Division, Indonesian Oil Palm Research Institute, North Sumatera, Medan, 20158, Indonesia; Department of Plant Protection, Faculty of Agriculture, University of North Sumatera, Indonesia		Conference Paper	Scopus
Sari P.N., Nasution Z.	The role of leading food crops commodity in the regional development of Sirapit Subdistrict, Langkat Regency	2023	1133	1	12007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147352782&doi=10.1088%2f1755-1315%2f1133%2f1%2f012007&partnerID=40&md5=7493c553f595f2d4d411a1bfac5e061	Postgraduate School Program, Sumatera Utara University, Indonesia	Sari, P.N., Postgraduate School Program, Sumatera Utara University, Indonesia; Nasution, Z., Postgraduate School Program, Sumatera Utara University, Indonesia	Conference Paper	Scopus
Pohan S.A., Sulistiyono N.	Analysis of the relationship between urban heat island (UHI) phenomenon and land cover change in Medan city using Landsat satellite imagery	2023	2421	1	12017					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147334144&doi=10.1088%2f1742-6596%2f2421%2f1%2f012017&partnerID=40&md5=f1d579b49126917ed5215d612dbdb75a	Department of Forest Conservation, Faculty of Forestry, Universitas Sumatera Utara, Jl. Tridarma Ujung No.1 Kampus USU, Medan, 20155, Indonesia; Center of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Aswin M., Iqlima M., Alfarizy R.A.	Consideration on Use of the Corn Plant Ash-Based Concrete related to the Salt and Acid Attack: A Review	2023	2421	1	12039					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333954&doi=10.1088%2f1742-6596%2f2421%2f1%2f012039&partnerID=40&md5=9ba8ea35b39e6f47825c85659cc95ad8	Departemen Teknik Sipil, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Romauli N.D.M., Sihombing H.V., Sinamo K.N., Ambarita H., Manurung H.	Effect of blanching treatment on drying time and the quality of hybrid system solar dried red chilli	2023	2421	1	12040					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333748&doi=10.1088%2f1742-6596%2f2421%2f1%2f012040&partnerID=40&md5=431b1c220b744282341c3e4a7b250492			Conference Paper	Scopus
Rambe A.H., Nasution F.A., Sinulingga E.P.	Simulation and design of the circular polarization microstrip antenna with CSRR metamaterial structure	2023	2421	1	12021					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333606&doi=10.1088%2f1742-6596%2f2421%2f1%2f012021&partnerID=40&md5=be88872e518c53e878db648c8035c8	Department of Electrical Engineering, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus

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Maulana M.I., Auliah N.L., Onrizal O.	Forest Stand Composition of the Tapanuli Orangutan (Pongo tapanuliensis) Habitat in the Nature Reserves	2023	2421		112025					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333532&doi=10.1088%2f1742-6596%2f2421%2f1%2f012025&partnerID=40&md5=ea04c5b4f999e4452746916373178ee9	Graduate Program of Forestry, Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Tropical Forest Ecology and Biodiversity Conservation Research Group, Research Institute, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Azhari, Nasution T.I., Azis P.F.A.	MPU-6050 Wheeled Robot Controlled Hand Gesture Using L298N Driver Based on Arduino	2023	2421		112022					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333270&doi=10.1088%2f1742-6596%2f2421%2f1%2f012022&partnerID=40&md5=2809e8dcb768861dc5b5e5c8cb22fa8f	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Harahap R.F., Sawaluddin	Study vehicle routing problem using Nearest Neighbor Algorithm	2023	2421		112027					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333032&doi=10.1088%2f1742-6596%2f2421%2f1%2f012027&partnerID=40&md5=59a858a0409ea6415d7f1a69bc3c4a9b	Departemen of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia	Harahap, R.F., Departemen of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia; Sawaluddin, Departemen of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia	Conference Paper	Scopus
Khair H., Octavia M., Utami R., Suryati I.	Using Black Soldier Fly to treat organic waste from the restaurant	2023	2421		112032					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147333010&doi=10.1088%2f1742-6596%2f2421%2f1%2f012032&partnerID=40&md5=a54bef3cbbc48db9c825d61cfe4ad4cd	Department of Environmental Engineering, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Hakim L., Nasution T.I., Geanita E.	Design and regression analysis of solar tracker through system sun tracker	2023	2421		112024					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147332715&doi=10.1088%2f1742-6596%2f2421%2f1%2f012024&partnerID=40&md5=97fc8af27fb34f0f75c70fafe6ca8157	Department of Physics, Faculty of Mathematic and Natural Science, Universitas Sumatera Utara, Medan, Indonesia; Integrated Research of Laboratory, Universitas Sumatera Utara, Medan, Indonesia; Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Handana M.A.P., Surbakti B., Harisdani D.D., Karolina R., Fahreza D.	Tensile strength of various bamboo species tested with different shape of test specimens	2023	2421		112026				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147332345&doi=10.1088%2f1742-6596%2f2421%2f1%2f012026&partnerID=40&md5=0d762afd537460614148bc5f81608c5	Departement Civil Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jl. Perpustakaan Medan USU Campus 20155, Indonesia; Departement of Architechtrual, Faculty of Engineering, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
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	2421		112031					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147332079&doi=10.1088%2f1742-6596%2f2421%2f1%2f012031&partnerID=40&md5=c51c51d6983602ba051f7111be34025e	Department Civil Engineering, Universitas Sumatera Utara, Jl. dr. Mansur Kampus USU, Medan, 20155, Indonesia; School of Civil Engineering, Universiti Sains Malaysia, Penang, Malaysia		Conference Paper	Scopus
Sembiring N., Napitupulu H.L., Azmi N.N., Radot R.	Analysis of Eucalyptus Supply Chain Methods Based on Influencing Factors: A Review	2023	2421		112009					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331720&doi=10.1088%2f1742-6596%2f2421%2f1%2f012009&partnerID=40&md5=59a73c4314f41897e444330436a2739a	Department of Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Cipta H., Suwilo S., Sutarman, Mawengkang H.	The Solution of Structure Constrained Problem Using Decomposition Method	2023	2421		112004					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331717&doi=10.1088%2f1742-6596%2f2421%2f1%2f012004&partnerID=40&md5=9bd4ab3b280853f9423b661df45654b4	Graduate School of Mathematics, Universitas Sumatera Utara, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Taufikurahman T., Fatimah I.N.	Combining Level of Watering and Soil pH to obtain high concentration of Essential Oil in Vetiver (Chrysopogon zizanioides L. Nash)	2023	2421		112023					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331605&doi=10.1088%2f1742-6596%2f2421%2f1%2f012023&partnerID=40&md5=3d2dcb34dc9b90de6a9ff335bd380b94	Universitas Sumatera Utara, Kampus USU, Jl. Almamater, Medan, 20155, Indonesia	Taufikurahman, T., Universitas Sumatera Utara, Kampus USU, Jl. Almamater, Medan, 20155, Indonesia; Fatimah, I.N., Universitas Sumatera Utara, Kampus USU, Jl. Almamater, Medan, 20155, Indonesia	Conference Paper	Scopus
Harpah N., Rizki A., Ageng P., Adawiyah R., Perdana Z., Suryati I., Leonardo R., Husin A., Faisal M.	Microplastic as a pollution in Babura River Medan: A study Case	2023	2421		112019					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331502&doi=10.1088%2f1742-6596%2f2421%2f1%2f012019&partnerID=40&md5=00054a6ac51ebca1246511779a719f04			Conference Paper	Scopus
Silalahi P.G., Siburian A.H., Ambarita H., Romauli N.D.M.	Experimental study on open cycle heat pump chilli dryer with refrigerant R32	2023	2421		112044					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331292&doi=10.1088%2f1742-6596%2f2421%2f1%2f012044&partnerID=40&md5=89b1912602b6bcf22f39037f70b6ff45			Conference Paper	Scopus

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Authors	Title	Year	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	Link	Affiliations	Authors with affiliations	Document Type	Source
Napitupulu F.H., Sitorus T.B., Sihombing H.V., Siburian A.H., Siagian H.	Design and fabrication of shell and tube heat exchanger with one pass shell and two pass tube as a water heater with hot sulfur water	2023	2421	1	12034					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331276&doi=10.1088%2f1742-6596%2f2421%2f1%2f012034&partnerID=40&md5=374bf04fec25680390e72dd7d0936cd0	Mechanical Engineering Department, Faculty of Engineering, Universitas Sumatera Utara, Jl. Almamater, Kampus USU, Medan, 20155, Indonesia		Conference Paper	Scopus
Lubis L.A., Mardinarsih	Comparison of completion of VAM, TCOM-SUM Transportation problems with Stepping Stone to Determine optimal solutions	2023	2421	1	12005					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147331091&doi=10.1088%2f1742-6596%2f2421%2f1%2f012005&partnerID=40&md5=952b8eb66b4fa57a5a542010a488c205	Prodi Mathematics, Faculty of Science, University of North Sumatra Jalan Biotechnology, No.1 Padang Bulan, district. Medan Baru, North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Ali S., Suwilo S., Mardinarsih	The sum of hamming distance for some composite graphs relative to vertex-edge incidence matrix	2023	2421	1	12041					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147330877&doi=10.1088%2f1742-6596%2f2421%2f1%2f012041&partnerID=40&md5=ac3e84dbf0273b988af564248b1406dc	Departemen of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Rachmawati D., Lubis A.N.	Combining Beaufort cipher and RSA-CRT algorithm in a hybrid scheme to secure images	2023	2421	1	12028					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147330812&doi=10.1088%2f1742-6596%2f2421%2f1%2f012028&partnerID=40&md5=dfb930ea5f61237cedb0b9aa20fd95c5	Departemen Ilmu Komputer, Fakultas Ilmu Komputer dan Teknologi Informasi, Universitas Sumatera Utara, Jl. Universitas No. 9-A, Kampus USU, Medan, 20155, Indonesia		Conference Paper	Scopus
Rizky Y., Panggabean S., Sigalingging R., Raju	Purification of glycerol from biodiesel by-product by using kitchen vinegar	2023	2421	1	12006					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147330549&doi=10.1088%2f1742-6596%2f2421%2f1%2f012006&partnerID=40&md5=fcabd8ea68f9e5eb1a99d8ba6a7d1a82	Department of Agricultural Engineering, Faculty of Agriculture, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Mare E.M.S., Sarah M., Husin A.	Biogas Production from Cassava Peels Utilizing Fixed Bed Bioreactor with Silica Gel Media	2023	2421	1	12020					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147330300&doi=10.1088%2f1742-6596%2f2421%2f1%2f012020&partnerID=40&md5=c8a5d5413dc7f6207d5c2db8dd3195b0	Department of Chemical Engineering, Faculty of Engineering, University of Sumatera Utara, Indonesia		Conference Paper	Scopus
Darnius O., Tambunan Y.	Spatial regression model of poverty in the province of North Sumatera on 2017	2023	2421	1	12003					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329855&doi=10.1088%2f1742-6596%2f2421%2f1%2f012003&partnerID=40&md5=e5c82e7dc92f94f6acf7d86af847dc0	Department of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia; Undergraduated of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia	Darnius, O., Department of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia; Tambunan, Y., Undergraduated of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia	Conference Paper	Scopus
Rambey R., Lubis A.S.J.	Ethnobotany of Medicinal Plants Community in Saroha Village, Tanjung Botung, Barumun District, Padang Lawas Regency, Uatara, North Sumatra	2023	2421	1	12008					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329825&doi=10.1088%2f1742-6596%2f2421%2f1%2f012008&partnerID=40&md5=69f74d1fd02fe582c7fa090da41ba97d	Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia; Student Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia	Rambey, R., Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia; Lubis, A.S.J., Student Faculty of Forestry, Universitas Sumatera Utara, North Sumatra, Medan, Indonesia	Conference Paper	Scopus
Azhar I., Risnasari I., Hemmy A.V.	Bamboo marketing management (case study around PT Toba Pulp Lestari concesion)	2023	2421	1	12016					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329711&doi=10.1088%2f1742-6596%2f2421%2f1%2f012016&partnerID=40&md5=d4747f7180c2ab2676dfdf1d0879c55c9	Faculty of Forestry, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Sitinjak A.A., Mawengkang H., Ramli M., Tampubolon R.	Hutchinson model of Holling type II with delay in prey	2023	2421	1	12036					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329656&doi=10.1088%2f1742-6596%2f2421%2f1%2f012036&partnerID=40&md5=91274780b87f41a4556267dde7a2fdd6	Politeknik Teknologi Kimia Industri, Medan, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Indonesia; Department of Mathematics, Universitas Syiah Kuala, Banda Aceh, Indonesia; Politeknik Negeri Medan, Indonesia		Conference Paper	Scopus
Azhari, Nasution T.I., Sinaga S.H., Sudiati	Design of Monitoring System Temperature And Humidity Using DHT22 Sensor and NRF24L01 Based on Arduino	2023	2421	1	12018				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329498&doi=10.1088%2f1742-6596%2f2421%2f1%2f012018&partnerID=40&md5=5a0983a87586b9bd15724b398a33b1bd	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Budiman M.A., Rachmawati D., Syahnah I.P.	A tutorial on using ElGamal cryptosystem and RC4-P1 cipher in a hybrid scheme	2023	2421	1	12033					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147328600&doi=10.1088%2f1742-6596%2f2421%2f1%2f012033&partnerID=40&md5=5f3681785a50ee66e78f3c8c80b0b003	Departemen Ilmu Komputer, Fakultas Ilmu Komputer dan Teknologi Informasi, Universitas Sumatera Utara, Jl. Universitas No. 9-A, Kampus USU, Medan, 20155, Indonesia		Conference Paper	Scopus

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Aswin M., Andres, Gotami R.	Studies on Strength and Flexural Behaviour of Reinforced Concrete Beams with the Corroded Steel Reinforcements as a result of Sodium Chloride (NaCl)	2023	2421		112029					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147328525&doi=10.1088%2f1742-6596%2f2421%2f1%2f012029&partnerID=40&md5=70e72fe486b8bc9a234ff43caecacae1	Departemen Teknik Sipil, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Cuana R., Nasution T.I., Agusnar H., Susilowati A., Lubis N.S., Pradana I.S.	Humidity Detection Based on Chitosan/PEO Film Sensor	2023	2421		112038				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147327166&doi=10.1088%2f1742-6596%2f2421%2f1%2f012038&partnerID=40&md5=f426d932ebc00cdea056dc945b8ee4dc			Conference Paper	Scopus
Lestari S., Sutarman	The approaches for the two parameters of the Weibull Distribution	2023	2421		112043					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147327155&doi=10.1088%2f1742-6596%2f2421%2f1%2f012043&partnerID=40&md5=38969b923574de6da912644bc0eab185	Department of mathematic, University Sumatera Utara, Indonesia	Lestari, S., Department of mathematic, University Sumatera Utara, Indonesia; Sutarman, Department of mathematic, University Sumatera Utara, Indonesia	Conference Paper	Scopus
Sembiring N., Junika C., Azmi N.N.	Sustainable Development Goals and Green Sustainable Supply Chains: a Review	2023	2421		112012					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147327113&doi=10.1088%2f1742-6596%2f2421%2f1%2f012012&partnerID=40&md5=fc730cce43cb481464a8078d5a782631	Department of Industrial Engineering, Faculty of Engineering, Universitas Sumatera Utara, Jalan Almamater Kampus USU, Medan, 20155, Indonesia		Conference Paper	Scopus
Rahayu S.U., Nasruddin, Susilawati, Sianturi H.A., Faturrahman, Manurung J.G.	Construction of Ultrasonic Fruit Fly Repellent Device in Orange Orchard	2023	2421		112030					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147327087&doi=10.1088%2f1742-6596%2f2421%2f1%2f012030&partnerID=40&md5=b60a306a794c3f28a7a6e0147bd0daa	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Jalan Bioteknologi No. 1, Medan, 20155, Indonesia		Conference Paper	Scopus
Jollyta D., Efendi S., Zarlis M., Mawengkang H.	Analysis of an optimal cluster approach: a review paper	2023	2421		112015					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147326834&doi=10.1088%2f1742-6596%2f2421%2f1%2f012015&partnerID=40&md5=9953bf3eaa499a82fed316653c381e3	Departemen of Mathematics, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Rambe A.H., Angriani T., Fahmi F., Alim S.	Size reduction of the square microstrip patch antenna with Koch fractal for 1.575 GHz applications	2023	2421		112042					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147326619&doi=10.1088%2f1742-6596%2f2421%2f1%2f012042&partnerID=40&md5=76ca8b1a217f75fe8cb740234fb57c9b	Department of Electrical Engineering, Universitas Sumatera Utara, Indonesia		Conference Paper	Scopus
Handana M.A.P., Surbakti B., Karolina R., Utami H.	Finite element analysis of mechanical properties of bambusa vulgaris bamboo from eastern region of Sumatera Utara	2023	2421		112014				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147326482&doi=10.1088%2f1742-6596%2f2421%2f1%2f012014&partnerID=40&md5=c5444bd00cd5bf06d0654a8505feb6c0	Civil Engineering Department, Faculty of Engineering, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Darnius O., Siahaan D.	Modelling of risk factors that influence malaria infection using Binary Logistic Regression	2023	2421		112001					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147326319&doi=10.1088%2f1742-6596%2f2421%2f1%2f012001&partnerID=40&md5=e54ffa348ac5c2cd15b683d3f2d8a7	Department of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia; Undergraduated of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia	Darnius, O., Department of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia; Siahaan, D., Undergraduated of Mathematics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Indonesia	Conference Paper	Scopus
Masna, Tulus, Sawal	Computational analysis dynamics fluid of flow in dam using COMSOL Multiphysics	2023	2421		112047					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147325946&doi=10.1088%2f1742-6596%2f2421%2f1%2f012047&partnerID=40&md5=3bfd5c1304454f39514392320cf705e9	Department of mathematics, Universitas Sumatera Utara, USU, Padang Bulan20155, Indonesia		Conference Paper	Scopus
Budiman M.A., Irvida T.A.	Securing text using Rabin-p public key cryptosystem and Spritz algorithm in a hybrid cryptosystem: a tutorial	2023	2421		112010				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147325069&doi=10.1088%2f1742-6596%2f2421%2f1%2f012010&partnerID=40&md5=f3f3b3ffd1f108fa01b426a6de571f46	Departemen Ilmu Komputer, Fakultas Ilmu Komputer dan Teknologi Informasi, Universitas Sumatera Utara, Jl. Universitas No. 9-A, Kampus USU, Medan, 20155, Indonesia		Conference Paper	Scopus
Thoha A.S., Istima N., Dauly I.A., Hulu D.L.N., Budi S., Ulfa M., Mardiyadi Z.	Spatial distribution of 2019 forest and land fires in Indonesia	2023	2421		112035					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147325064&doi=10.1088%2f1742-6596%2f2421%2f1%2f012035&partnerID=40&md5=3e3885020678f474b96c38a9f3695e23	Faculty of Forestry, Universitas Sumatera Utara, Medan, Indonesia; Faculty of Forestry, University of Papua, Manokwari, Indonesia		Conference Paper	Scopus
Tunnisaki F., Sutarman	Clarke and Wright Savings Algorithm as Solutions Vehicle Routing Problem with Simultaneous Pickup/Delivery (VRPSPD)	2023	2421		112045				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147325017&doi=10.1088%2f1742-6596%2f2421%2f1%2f012045&partnerID=40&md5=03d58b73f1ed8c28ac69b473674063d1	Graduate School of Mathematics, Universitas Sumatera Utara, Indonesia; Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia	Tunnisaki, F., Graduate School of Mathematics, Universitas Sumatera Utara, Indonesia; Sutarman, Department of Mathematics, Universitas Sumatera Utara, Medan, Indonesia	Conference Paper	Scopus

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Tulus, Marpaung T.J., Marpaung J.L.	Computational Analysis for Dam Stability Against Water Flow Pressure	2023	2421	1	12013					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147324854&doi=10.1088%2f1742-6596%2f2421%2f1%2f012013&partnerID=40&md5=b96778206d2cb8c7bf78756761129f3a	Department of Mathematics, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia; Graduate of Department of Mathematics, Universitas Sumatera Utara, Sumatera Utara, Medan, Indonesia		Conference Paper	Scopus
Nugraha, Iriany, Misran E.	Regeneration of spent bleaching earth using microwave assisted extraction method with hexane as solvent for the bleaching of crude palm oil	2023	2421	1	12007					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147324813&doi=10.1088%2f1742-6596%2f2421%2f1%2f012007&partnerID=40&md5=a7b17098b46dee96553d605c3ceef9cb	Department of Chemical Engineering, Faculty Engineering, Universitas Sumatera Utara, Padang Bulan, Medan, 20155, Indonesia		Conference Paper	Scopus
Munthe C.R., Sulistiyono N.	Above Ground Carbon Estimation Using Sentinel-1B RADAR Satellite Imagery	2023	2421	1	12037					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147324427&doi=10.1088%2f1742-6596%2f2421%2f1%2f012037&partnerID=40&md5=f09464a0f29f9bff04b386e7396e1b70	Department of Forest Conservation, Faculty of Forestry, Universitas Sumatera Utara, Jl. Tridarma Ujung No.1 Kampus USU, Medan, 20155, Indonesia; Centre of Excellence for Mangrove, Universitas Sumatera Utara, Medan, 20155, Indonesia		Conference Paper	Scopus
Hidayat R., Rasyid A., Harris S., Harahap A., Herqutanto, Louisa M., Listiyaningsih E., Rambe A.S., Loho T.	Correlation P2Y12 Genetic Polymorphism As Risk Factor of Clopidogrel Resistance in Indonesian Stroke Patients	2023	19			53	61			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147286284&doi=10.2147%2fVHRM.S386107&partnerID=40&md5=f00d5bb4a2e74186ebe37ac3ed318ea9			Article	Scopus
Herbirowo S., Priyanto Utomo E., Feronika Tinambunan D., Sinuhaji P., Sofyan N., Herman Yuwono A., Imaduddin A.	Properties of low-cost MgB2 superconducting wires fabricated by high reduction cold rolling	2023								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147273514&doi=10.1016%2fj.matpr.2023.01.250&partnerID=40&md5=afea5953b9cc1ed93bfd5da323dc6838			Article	Scopus
Muhtadi A., Yulianda F., Boer M., Krisanti M., Riani E., Leidonald R., Hasani Q., Cordova M.R.	Assessment of pollution status of tropical coastal lakes using modified Water Quality Index (WQI) based on physio-chemical parameters	2023	16	1		356	370			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147224178&partnerID=40&md5=b19e7de19b819065824f18666dcd08df			Article	Scopus
Zulfikar Z., Umar S., Ferasyi T.R., Tafsir M.	Developing a model for predicting the dynamics of cattle infestation by gastrointestinal nematodes in Aceh Province, Indonesia	2023	28	1	APST-28-01-10					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147159989&partnerID=40&md5=a1bc63ba27cd0e42ed179da9cb7d0c6f			Article	Scopus
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	27	1		56	66			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147123277&doi=10.2478%2ftruetct-2023-0005&partnerID=40&md5=34d51b87adb67509c5475db8f264cc52			Article	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146933790&doi=10.1016%2fj.prosdent.2022.12.008&partnerID=40&md5=1904a00e5da43390c8074d24632082d4			Article	Scopus
Pane J., Simbolon D.H., Izzudin H., Afandi A., Hermanto B., Sebayang K., Humaidi S., Situmorang M., Sudiro T.	Cyclic Oxidation Resistance of MoSi2 Added FeCrAlTiY Coatings on ST41 Steel at 700oC Prepared by a Flame Spraying Technique	2023	14	1		15	25			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146888618&doi=10.14716%2fijtech.v14i1.5092&partnerID=40&md5=9816dafef260f0998d01b9bc697d470d			Article	Scopus
Harahap M., Daulay N., Zebua D., Gea S.	Nanofiber Cellulose/Lignin from Oil Palm Empty Fruit Bunches and the Potential for Carbon Fiber Precursor Prepared by Wet-spinning	2023	14	1		152	161			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146877178&doi=10.14716%2fijtech.v14i1.5082&partnerID=40&md5=d9d5169fe4d20e503c6e1ceda7534d91			Article	Scopus
Marpongahtun, Andriayani, Muis Y., Gea S., Amaturrehman S.A., Attaurrazaq B., Daulay A.	Synthesis of Nitrogen-Doped Carbon Dots from Nanocrystalline Cellulose by Pyrolysis Method as Hg2+ Detector	2023	14	1		219	231			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146872865&doi=10.14716%2fijtech.v14i1.4863&partnerID=40&md5=e230215072e5e741e5f6099e454aa774			Article	Scopus
Amelia R., Basyuni M., Alfinsyahri A., Sulistiyono N., Slamet B., Bimantara Y., Harahap S.S.H., Harahap M., Harahap I.M., Al Mustanirah 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	14	1	158					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146804599&doi=10.3390%2f14010158&partnerID=40&md5=61f8e83663a466e2d63633e78c0b4c8c			Article	Scopus

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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	8	1	31					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146793218&doi=10.3390%2ftropicalmed8010031&partnerID=40&md5=573d13c721e79ed91e4851506001e8bf			Article	Scopus
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	6	1	20					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146749100&doi=10.3390%2ffire6010020&partnerID=40&md5=818aa5ed0863ef6438eaf206fd28b4d7			Article	Scopus
Purwoko A., Susilowati A., Situmorang A.I.	Assessing the carrying capacity of mangroves as raw materials for culinary products: Case study in Serdang Bedagai, North Sumatra, Indonesia	2023	24	1		250	257			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146742792&doi=10.13057%2fbiodiv%2fd240130&partnerID=40&md5=8e64f3667508b14b385f71a0714eba0e	Faculty of Forestry, Universitas Sumatera Utara, Jl. Tri Dharma Ujung No.1 Kampus USU, North Sumatra, Medan, 20155, Indonesia		Article	Scopus
Sihombing Y.A., Susilawati, Rahayu S.U., Situmeang M.D.	Effect of reduced graphene oxide (rGO) in chitosan/Pahae natural zeolite-based polymer electrolyte membranes for direct methanol fuel cell (DMFC) applications	2023	6			252	259		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146641448&doi=10.1016%2fj.mset.2023.01.002&partnerID=40&md5=5e8a43cd61b5fd1117c24fe6acb08e0b	Department of Physics, Faculty of Mathematics and Natural Science, Universitas Sumatera Utara, Jl. Bioteknologi No.1, Medan, 20155, Indonesia		Article	Scopus
Rangkuti A.B., Hartini K.S., Susilowati A., Rambey R., Harahap M.M., Arinah H., Irmayanti L., Pamoenkas P., Indriani F., Peniwidiyanti, Ruhidi A.	Structure, composition and diversity of tree species in Martelu Purba Nature Reserve, North Sumatra, Indonesia	2023	24	1		78	85			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146633745&doi=10.13057%2fbiodiv%2fd240111&partnerID=40&md5=cae1f9f23204988dbbd8438e771db791			Article	Scopus
Siburian R., Hutagalung F., Silitonga O., Paiman S., Simatupang L., Simanjuntak C., Ariontang S.P., Alias Y., Jing L., Goei R., Tok A.I.Y.	The New Materials for Battery Electrode Prototypes	2023	16	2	555				2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146586799&doi=10.3390%2fma16020555&partnerID=40&md5=048d8bc2c031f2c6a6e34fc3493ffe8c			Article	Scopus
Naibaho D., Purba E., Hanafiah D.S., Hasibuan S.	Improvement of morphology, biochemical characters, and molecular changes of local upland rice cv. Sidikalang M3 generation through induction of gamma-ray irradiation	2023	24	1		200	207			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146582781&doi=10.13057%2fbiodiv%2fd240124&partnerID=40&md5=e7402de94668813ef24d4c4753de1b26			Article	Scopus
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	13	1	116				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146523216&doi=10.3390%2fbuidings13010116&partnerID=40&md5=390ab02328ee07cea045d07c99b475			Article	Scopus
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	2023		5795945				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146496144&doi=10.1155%2f2023%2f5795945&partnerID=40&md5=0fda776c8135f5a38e86380a09f9e078			Article	Scopus
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	16	1		460	473			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146318772&doi=10.22266%2ffijies2023.0228.40&partnerID=40&md5=1b0290319c8f9846fde07cba10ec99f2			Article	Scopus
Prayogo W., Siregar J.P., Soewondo P., Nasution Z., Hanami Z.A., Ikhwalı 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	21	1		9	18		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146304590&doi=10.32526%2fennrj%2f21%2f202200118&partnerID=40&md5=2d36fa2cf09c2e6f9809fb7dd7c6c7ee			Article	Scopus
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								https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146129184&doi=10.1016%2fj.matpr.2023.01.007&partnerID=40&md5=a22d3641c0180a999aeb7199451bffdcc			Article	Scopus
Sutiawan J., Hartono R., Hermawan D., Hadi Y.S., Nawawi D.S., Abdillah I.B., Syahfitri A., Kusumah S.S., Adi D.S., Kusumaningrum W.B., Lubis M.A.R.	Properties of Table Tennis Blade from Sorghum Bagasse Particleboard Bonded with Maleic Acid Adhesive at Different Pressing Temperatures and Times	2023	15	1	166					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146056212&doi=10.3390%2fpoly15010166&partnerID=40&md5=fab2a2bbc6597c389dcc44c46527991c			Article	Scopus

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Hayeemasae N., Masa A., Othman N., Surya I.	Viable Properties of Natural Rubber/Halloysite Nanotubes Composites Affected by Various Silanes	2023	15	1	29				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146053727&doi=10.3390%2fpolym15010029&partnerID=40&md5=f838bae8d255834885f3cde8fa99a17d			Article	Scopus
Widya A.T., Kusuma H.E., Lubis H.A.	Exploring housing quality perception and attitude groups through annoyance on vertical public-housing: online user review: case study—apartment in Bandung City, Indonesia	2023							1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145895047&doi=10.1007%2fs10901-022-10001-1&partnerID=40&md5=bc31637197e5105ff649f6dfe927bdfd			Article	Scopus
Abd Hakim S., Rianna M., Rais A.	Manufacture and characterization of indicator electrodes from PPy + H2SO4 and PPy + Sulfonic acid as a urea sensor using urease enzyme immobilization technique in PVA	2023	6			89	93		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145781679&doi=10.1016%2fj.mset.2022.11.010&partnerID=40&md5=804e4095dcc87b16f461dede77d6487e	Physics Department, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan, Medan, Indonesia; Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Lumbanraja S., Effendi I.H., Siahaan A.M., Bancin B.E.P., Edianto D., Asroel E.M., Sudewo Y.	CORRELATION OF SARS-COV-2 EXPRESSION IN THE PLACENTA AND THE INCIDENCE OF PREECLAMPSIA	2023	17	1		45	54		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145724194&doi=10.21010%2fajidv17i1.4&partnerID=40&md5=dbe71240969d2916039f42d8bbe5375f	Obstetrics and Gynecology Department, Faculty of Medicine, Universitas Sumatera Utara, Medan, 20136, Indonesia; Neurosurgery Department, Faculty of Medicine, Universitas Sumatera Utara, Medan, 20136, Indonesia		Article	Scopus
Siahaan A.M.P., Susanto M., Lumbanraja S.N., Ritonga D.H.	Long-term neurological cognitive, behavioral, functional, and quality of life outcomes after fetal myelomeningocele closure: a systematic review	2023	66	1		38	45		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145614064&doi=10.3345%2fcep.2022.01102&partnerID=40&md5=03a69fcb38484291cde0d81b0ca2fb77			Article	Scopus
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	7	1		62	70		8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145470462&doi=10.1038%2fs41559-022-01926-5&partnerID=40&md5=8ba58d57c3e4d6a435c612d155caaa43			Article	Scopus
Nainggolan G., Gea S., Marpongahtun, Harahap M., Delyansyah, Situmorang S.A.	Promoting Electrospun Lignin/PEO Nanofiber for High-Performance CO Filtration	2023	20	1	2160402					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145433712&doi=10.1080%2f15440478.2022.2160402&partnerID=40&md5=c2bf2e33a0318c51a1e994207ac86747			Article	Scopus
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	36	3	2153260				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144977014&doi=10.1080%2f1331677X.2022.2153260&partnerID=40&md5=1c8c5d890a000abe7f10c2b1fc930a16			Article	Scopus
Frida E., Bukit N., Sinuhaji P., Bukit F.R.A., Bukit B.F.	New Material Nanocomposite Thermoplastic Elastomer with Low Cost Hybrid Filler Oil Palm Boiler Ash/Carbon Black	2023	24	2		302	308		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144938419&doi=10.12911%2f22998993%2f156903&partnerID=40&md5=4e6df43d05fd008ee47844877c6d9222			Article	Scopus
Irwan, Desnelita Y., Susanti W., Wakhinuddin, Rizal F., Gustientiedina, Ritonga A.R.	The Implementation of Collaborative Project Based Learning Model with Inquiry Process using E-Learning in Higher Education	2023	29	1		1	11			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144723117&doi=10.17762%2fkuey.v29i1.526&partnerID=40&md5=7a3869f80bcaa380b4831cd8a98e62c0	Department of Information System, Institut Bisnis dan Teknologi Pelita Indonesia, Bandung, Indonesia; Faculty of Engineering, Universitas Negeri Padang, Padang, Indonesia; Department of Library Sciences, Universitas Sumatera Utara, Medan, Indonesia		Article	Scopus
Sembiring T., Siburian D., Rianna M.	ZnMnFe2O4 particle synthesized by natural iron sand for making permanent magnetic material	2023	6			124	129		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144549202&doi=10.1016%2fj.mset.2022.12.005&partnerID=40&md5=cb81cd19cc12e0f9774b2bb1f875ae92	Universitas Sumatera Utara, Medan, 20155, Indonesia	Sembiring, T., Universitas Sumatera Utara, Medan, 20155, Indonesia; Siburian, D., Universitas Sumatera Utara, Medan, 20155, Indonesia; Rianna, M., Universitas Sumatera Utara, Medan, 20155, Indonesia	Article	Scopus
Frida E., Bukit N., Bukit F.R.A., Bukit B.F.	Effect of Hybrid Filler Oil Palm Boiler Ash – Bentonite on Thermal Characteristics of Natural Rubber Compounds	2023	24	2		205	213			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144235329&doi=10.12912%2f27197050%2f156961&partnerID=40&md5=f452915cd9208fa903266fec64f0cbf4			Article	Scopus

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Lisha L., Mousa S., Arnone G., Muda I., Huerta-Soto R., Shimming Z.	Natural resources, green innovation, fintech, and sustainability: A fresh insight from BRICS	2023	80		103119				10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143989904&doi=10.1016%2fj.resourpol.2022.103119&partnerID=40&md5=38e0b4cab9ca647fd7a0ab825b023daf			Article	Scopus
Khairiah K., Frida E., Sebayang K., Sinuhaji P., Humaidi S., Ridwanto, Fudholi A., Marwoto P.	Carboxymethyl Cellulose Nanoadsorbent for Remediation of Polluted Water	2023	24	1		336	348			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143874981&doi=10.12911%2f22998993%2f156150&partnerID=40&md5=58fa34b392b097d18014a31a61114fdf			Article	Scopus
Siringoringo A., Sirait N.N., Sunarmi, Siregar M., Pakpahan Z.A.	The Weaknesses of the Legal Substance of the Internal Supervision System in State-Owned Enterprises Plantation	2023	24	192		190	193			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143800833&doi=10.47750%2fQAS%2f24.192.22&partnerID=40&md5=97fd757b652754a3718a5f2f95adb7b2	Universitas Sumatera Utara, Medan, Indonesia; Universitas Labuhanbatu, Rantauprapat, Indonesia		Article	Scopus
Rianna M., Talanda A., Pratama Y., Humaidi S., Setiadi E.A., Tetuko A.P., Nurdyansah L.F., Sembiring T., Sebayang P.	Evaluation of Co0.7Ni0.3Fe2O4 nano-particle on structural, morphological, and magnetic properties as a heavy metal adsorbent in Cu, Cr	2023	6			77	80		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143775402&doi=10.1016%2fj.mset.2022.11.011&partnerID=40&md5=ac4c5f30146df1011e3ef853f1a4d9	Universitas Sumatera Utara, Medan, 20155, Indonesia; Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia		Article	Scopus
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	80		103133				18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143655911&doi=10.1016%2fj.resourpol.2022.103133&partnerID=40&md5=d7efc8cf10c50b9a98c7a0894f50d74b			Article	Scopus
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	80		103143				10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143162554&doi=10.1016%2fj.resourpol.2022.103143&partnerID=40&md5=49e5be5d5a1ca6ebcbb3049118cb971			Article	Scopus
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	80		103136				7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143128000&doi=10.1016%2fj.resourpol.2022.103136&partnerID=40&md5=18777853ab4b6a534808134f2ce72036			Article	Scopus
Nuryawan A., Risanasari I.	Utilization of Oil-Palm Leaves for Making Innovative Products: A Comprehensive Review	2023	19			163	176			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142886932&doi=10.1007%2f978-981-19-6195-3_14&partnerID=40&md5=588d506bea1fe4ce7d3f734e9a3b8fb4	Faculty of Forestry, Department of Forest Products Technology, Universitas Sumatera Utara, Indonesia and Member of AEPI (Association of Eco-Printer of Indonesia), North Sumatra, Medan, 20155, Indonesia		Book Chapter	Scopus
Susilawati, Sihombing Y.A., Rahayu S.U., Sembiring Y.Y.B., Waldiansyah L., Irma M.	Filter material based on zeolite-activated charcoal from cocoa shells as ammonium adsorbent in greywater treatment	2023	43			266	272		2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142502218&doi=10.1016%2fj.sajce.2022.11.006&partnerID=40&md5=5196280737211575f37f1e179b3c7686	Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Sumatera Utara, Medan, 20155, Indonesia; Integrated Research Laboratory, Universitas Sumatera Utara, Medan, 20155, Indonesia		Article	Scopus
Rianna M., Sembiring T., Amiruddin E., Sebayang P.	Co-precipitation synthesis of LaFe1-xAlxO3 (x = 0–0.2) on structure and electromagnetic properties	2023	6			43	47		3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142489994&doi=10.1016%2fj.mset.2022.11.006&partnerID=40&md5=acd28cd7cc306e131d0a2d665ebdff9c	Universitas Sumatera Utara, Medan, 20155, Indonesia; Universitas Riau, Pekanbaru, 28293, Indonesia; Research Center for Advanced Materials, National Research and Innovation Agency (BRIN), Tangerang Selatan, Banten, 15314, Indonesia		Article	Scopus
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	36	1		243	263		7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142296847&doi=10.1080%2f1331677X.2022.2120046&partnerID=40&md5=e4a179641f4a76ad44c33d723d678bc8			Article	Scopus
Hasanah M., Susilawati S., Ramadhan A.	Performance optimization of CuO-ZnO ceramic electrode on the electrocoagulation of wastewater	2023	6			7	14			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142148657&doi=10.1016%2fj.mset.2022.11.001&partnerID=40&md5=013691b650a12bd360ca47591cae6298			Article	Scopus
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	74	1		2239	2259		1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139855519&doi=10.32604%2fcm.2023.031170&partnerID=40&md5=297d4a95099098684f8365521b178dcc			Article	Scopus

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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	74	1		313	325			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138991293&doi=10.32604%2fcmc.2023.031706&partnerID=40&md5=d5936645a5026670d07e9703c505fffd			Article	Scopus
Sinaga R., Sihombing F., Syam B., Muttaqin M.	Automatic Parking Portal Mechanical System Design with DC Motor Development	2023				255	262			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138009976&doi=10.1007%2f978-981-19-3629-6_27&partnerID=40&md5=d1a6a8a261b6c37f5edbb3fe936e5c7f	Faculty of Engineering, University of North Sumatra, Medan, 20155, Indonesia		Conference Paper	Scopus
Sembiring M.T., Nasution A., Alda T., Sawaluddin, Gurusinga L.	Business Process Model Design as a Basis for Determining the Price of Coffee Beans in Tanah Karo	2023				82	92			https://www.scopus.com/inward/record.uri?eid=2-s2.0-8513798521&doi=10.1007%2f978-981-19-3629-6_9&partnerID=40&md5=a32f9b13641c97e2146c9dc88ea07f31	Universitas Sumatera Utara, North Sumatera, Indonesia		Conference Paper	Scopus
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