

Dr. dr. Darmadi, M.Ked(PD), Sp.P.D

Dosen Program Studi Sp-1 Ilmu Penyakit Dalam
Fakultas Kedokteran
Universitas Sumatera Utara

✉ darmadi@usu.ac.id

🌐 fk.usu.ac.id/id/dosen/darmadi

Publications

2024

Jurnal internasional bereputasi

Role of SEL1L in the progression of solid tumors, with a special focus on its recent therapeutic potential

Raed Obaid Saleh , Enwa Felix Oghenemaro , Maha Noori Shakir , Ahmed HJazi , Zahraa F. Hassan , Ahmed Hussein Zwamel , Sanoeva Matlyuba , Mahamedha Deorari , Shamam Kareem Oudah , DARMADI

2021

Jurnal internasional bereputasi

The role of ethnicity in inflammatory bowel disease

DARMADI

2024

Jurnal internasional bereputasi

Comparative Efficacy of Microwave versus Radiofrequency Ablation in Hepatocellular Carcinoma: Systematic Review and Meta-Analysis of Randomized-Controlled Trials

DARMADI , IMELDA REY

2022

Jurnal internasional bereputasi

Framing and understanding the whole aspect of oral sex from social and health perspective: a narrative review

DARMADI

2020

Jurnal internasional bereputasi

Susceptibility of Coronavirus Disease-19 in Pediatric Population

DARMADI

2020

Jurnal internasional bereputasi

Gallstone ileus : A case report.

DARMADI

2025

Jurnal internasional bereputasi

Association between CTLA4-658C>T polymorphism and colorectal cancer in Medan, Indonesia

DARMADI , IMELDA REY

2021

Jurnal internasional bereputasi

Immunological Aspect in Inflammatory Bowel Disease

DARMADI

2023

Jurnal internasional bereputasi

Covid-19 and fungal infection: a literature review

CENNIKON PAKPAHAN , SEM SAMUEL SURJA , DARMADI

2023

Jurnal internasional bereputasi

Role of probiotics in inflammatory bowel disease

DINA APRILLIA ARIESTINE , Sem Samuel Surja , DARMADI

2025

Jurnal internasional bereputasi

Cardiometabolic Risk Among Internal Medicine Specialists in Indonesia (CARMEINA): A Nationwide Study

DARMADI , EKA GINANJAR , SIMON SALIM , SALLY AMAN NASUTION , LUGYANTI SUKRISMAN , EVY YUNIHASTUTI , ANDHIKA RACHMAN , Ceva Wijaksono , HAYATUN NUFUS , MUHADI , HERMAWAN SUSANTO , SIPRIANUS UGROSENO YUDHO BINTORO

2026

Jurnal internasional bereputasi

Microbiota metabolite lithocholic acid in cancer: Mechanisms and therapeutic potential

DARMADI , Ali Jasim Muhamed , Sergey G Gerasimov , Rasoul Mirzaei , Sajad Karampoor

2020

Jurnal internasional bereputasi

Coronavirus Disease-19 and Liver Injury

DARMADI

2023

Jurnal internasional bereputasi

Serum homocysteine level and severity of coronavirus disease-2019 (COVID-19)

JELITA SIREGAR , DARMADI

2025

Jurnal internasional bereputasi

Potential relationship of the gut microbiome with testosterone level in men: a systematic review

DARMADI

2025

Jurnal internasional bereputasi

Biomarkers for colorectal cancer detection: An insight into colorectal cancer and FDA-approved biomarkers

Mohammad Yasin Zamanian , Razieh Darabi , Raed Fanoukh Aboqader Al-Aouadi , Mehraveh Sadeghi Ivraghi , Esra Küpeli Akkol , DARMADI

2023

Jurnal internasional bereputasi

Inflammatory bowel disease in pediatrics

DARMADI , Riska Habriel Ruslie

2022

Jurnal internasional bereputasi

Framing and understanding the whole aspect of oral sex from social and health perspective: a narrative review

CENNIKON PAKPAHAN , DARMADI , ANDRI REZANO

2024

Jurnal internasional bereputasi

Investigation of the regulation of EGF signaling by miRNAs, delving into the underlying mechanism and signaling pathways in cancer

Zafar Aminov , Ahmed Hjazi , Roopashree R , Syeda Wajida Kazmi , Yasser Fakri Mustafa , Beneen Hosseen , Abhishek Sharma , Mahmood Hasen Shuhata Alubiady , Salah Hassan Zain Al-Abdeen , DARMADI

2020

Jurnal internasional bereputasi

Gastrointestinal aspects of COVID-19: a review

2021

Jurnal internasional bereputasi

Inflammatory laboratory findings associated with severe illness among hospitalized individuals with COVID-19 in Medan, Indonesia: a cross-sectional study

DARMADI

2021

Jurnal internasional bereputasi

Vascular endothelial growth factor (vegf) and neopterin levels in children with steroid-sensitive and steroid-resistant nephrotic syndrome

DARMADI

2023

Jurnal internasional bereputasi

Serum homocysteine level and severity of coronavirus disease-2019 (COVID-19)

JELITA SIREGAR , DARMADI

2020

Jurnal internasional bereputasi

Unilateral Renal Cystic Disease: A Case Report and Literature Review

DARMADI

2025

Jurnal internasional bereputasi

Efficacy and safety of colchicine in reducing cardiovascular mortality and cardiac injury among adult patients with coronary artery disease: A systematic review and meta-analysis

SEM SAMUEL SURJA , HERWINDO AHMAD , DARMADI , CENNIKON PAKPAHAN

2020

Jurnal internasional bereputasi

The Effect of Neem (*Azadirachta indica*) Leaf Extracts on Interleukin-10 Expression and Histological Score in Dextran Sodium Sulfate-induced Colitis Mice

DARMADI

2022

Jurnal internasional bereputasi

Do Vitamin D receptor gene polymorphisms affect bone mass density in men?: A meta-analysis of observational studies

DARMADI

2020

Jurnal internasional bereputasi

Endothelin-1 level as a predictor of hepatopulmonary syndrome in liver cirrhosis

DARMADI

2023

Jurnal internasional bereputasi

The interplay between neutrophil-lymphocyte ratio, platelet-lymphocyte ratio, erectile dysfunction, and Peyronie's disease: A meta-analysis of observational studies

DARMADI , Pety Narulita , Agustinus Agustinus , Cennikon Pakpahan , Ilhamsyah Ilhamsyah , Supardi Supardi

2021

Jurnal internasional bereputasi

Health-related quality of life difference between early diagnose and finished therapy of nephrotic syndrome in children

DARMADI

2020

Pediatric Immunization Practice During Coronavirus Disease-2019 Pandemic

DARMADI

2024

Jurnal internasional bereputasi

Diagnostic value of Midkine and AFP in the detection of hepatocellular carcinoma: A systematic review and meta-analysis

MASRUL LUBIS , DARMADI , SEM SAMUEL SURJA , CENNIKON PAKPAHAN

2025

Jurnal internasional bereputasi

Efficacy of Vericiguat in patients with heart failure: A systematic review and meta-analysis of randomized controlled trials

SEM SAMUEL SURJA , HERWINDO AHMAD , DARMADI , CENNIKON PAKPAHAN

2023

Jurnal internasional bereputasi

Enhancing Global Health System Resilience and Sustainability Post-COVID-19: A Grounded Theory Approach

DARMADI , Zahraa H. Al-Qaim , Mikhail E. Kosov , Evgeniy V. Kostyrin , Marina V. Vasiljeva , Zhanna R. Gardanova , Maria V. Mikhailova

2025

Jurnal internasional bereputasi

Peptide drugs for obesity and type 2 diabetes mellitus: an overview of clinical trials

DARMADI , Haniyeh Barzgar , Jabbarova Nafisa , Suxrob Narkulov , Maria B. Sviridova

2024

Jurnal internasional

The Role of Folic Acid in Gastric Precancerous Lesion: A Literature Review

MASRUL LUBIS , DARMADI , TAUFIK SUNGKAR , IMELDA REY

2025

Jurnal internasional bereputasi

Non-coding RNAs-mediated regulation of the MAPK pathway in gastric cancer: translational perspectives

DARMADI , Komeil Aghazadeh-Habashi , Sona Ayvazyan , Arshia Bozorgnia , Elnaz Khodabandehloo

2020

Jurnal internasional bereputasi

Efficacy of 24-week Administration of Tenofovir Disoproxil Fumarate in the Management of Na⁺-ve Chronic Hepatitis B

DARMADI

2024

Jurnal internasional bereputasi

Inflammatory bowel disease (ulcerative colitis type) severity shows inverse correlation with semen parameters and testosterone levels

ANDRI REZANO , CENNIKON PAKPAHAN , DARMADI

2026

Jurnal internasional bereputasi

Misdiagnosis and Coinfection of Localized Pulmonary Histoplasmosis with Pulmonary Tuberculosis: A Systematic Review of Published Cases

DARMADI , SEM SAMUEL SURJA , EDHO YUWONO , NISA FAUZIAH , ROBIATUL ADAWIYAH , RETNO WAHYUNINGSIH , Donnatella Valentina , Anita Devi Krishnan Thanry , Jonathan Christianto Subagya

2020

Jurnal internasional bereputasi

Administration of neem (Azadiracta indica A. Juss) leaf extract decreases TNF- α and IL-6 expressions in dextran sodium sulfate-induced colitis in rats

DARMADI

2022

Jurnal internasional bereputasi

The Association Between Lipid Serum and Semen Parameters: a Systematic Review

DARMADI

2025

Jurnal internasional bereputasi

Unlocking the Potential of Radiofrequency Ablation in Treating Hepatocellular Carcinoma Among Elderly Patients: A Literature Review

DARMADI , DINA APRILLIA ARIESTINE

2023

Jurnal internasional bereputasi

The sex life of male patients with cirrhosis and its organic factors: What we have got so far?

DARMADI , Riska Habriel Ruslie , Raditya Ibrahim , Bella Amanda , Cennikon Pakpahan

2023

Jurnal internasional bereputasi

Study of the Molecular Dynamics Stability in the Inhibitory Interaction of Tenofovir Disoproxil Fumarate against CTLA-4 in Chronic Hepatitis B Patients

DARMADI , MUHAMMAD RUSDA

2024

Jurnal internasional bereputasi

An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review

SEM SAMUEL SURJA , DARMADI , TAUFIK SUNGKAR , CENNIKON PAKPAHAN

2021

Jurnal internasional bereputasi

Comprehensive intersystemic assessment approach to relieve psychogenic erectile dysfunction: a review

DARMADI

2021

Jurnal internasional bereputasi

Vascular Endothelial Growth Factor Levels Difference among Hepatocellular Cancer Patients Based on Barcelona Clinic Liver Cancer Staging

DARMADI

2026

Jurnal internasional bereputasi

PAL-Jigsaw: a hybrid cooperative learning model in medical education

SEM SAMUEL SURJA , V DWI JANI JULIAWATI , DARMADI , AMANDA TIFANNY NUR FAUZIYAH , Christopher David Kurniawan , BAYU PERKASA ROSARI

2025

Jurnal internasional bereputasi

Bempedoic acid and ezetimibe combination therapy in patients with high cardiovascular disease risk: A narrative review of current research

DARMADI , HERWINDO AHMAD

2025

Jurnal internasional bereputasi

Global Disparities in Colorectal Cancer: Unveiling the Present Landscape of Incidence and Mortality Rates, Analyzing Geographical Variances, and Assessing the Human Development Index

DARMADI , Abdollah Mohammadain-Hafshejani , Soleiman Kheiri

2021

Jurnal internasional bereputasi

The Role of Epigenetic Mechanism in the Pathogenesis of Inflammatory Bowel Disease

DARMADI

2026

Pneumococcal vaccination coverage in at-risk internists and factors influencing pneumococcal vaccination

DARMADI , Ceva Wijaksono , EKA GINANJAR , SALLY AMAN NASUTION , LUGYANTI SUKRISMAN

2024

Critical roles of long noncoding RNA H19 in cancer

DARMADI

2022

Gastrointestinal Endoscopy and Coronavirus Disease-2019 Pandemic

DARMADI

2021

Association between serum interleukin (IL)-12 level and severity of non-alcoholic fatty liver disease (NAFLD)

DARMADI

2024

Impact of Digital Transformation on Mental Healthcare: Opportunities, Challenges, and Role of AI Chat-bots in Symptom Management

Mikhail Kosov , Andrey Pozdnyaev , Bo-Woo Lee , Zhanna Gardanova , Nataliya Gilmanova , Evgeniy Kostyrin , DARMADI

2021

Pancreatic injury and coronavirus disease-2019

DARMADI

2023

IMPROVEMENT OF ENZYME IMMUNODETECTION IN THE LABORATORY DIAGNOSIS OF HEPATITIS E VIRUS

DARMADI

2020

Coronavirus Disease-2019 and Mental Health

DARMADI

2024

Role of baricitinib and sotrovimab in the management of COVID-19

SEM SAMUEL SURJA , CENNIKON PAKPAHAN , DARMADI

2022

Factors affecting HBV DNA suppression in chronic hepatitis B patients treated with tenofovir disoproxil fumarate

DARMADI

2021

Oxidative stress markers in initial therapy and remission of nephrotic syndrome and serum malondialdehyde level predictor from routine laboratory test

DARMADI

2022

Association between serum midkine levels and tumor size in Indonesian hepatocellular carcinoma patients: a cross-sectional study

DARMADI

2021

Jurnal internasional bereputasi

Association between Prothrombin Induced by Vitamin K Absence-II (PIVKA-II) and Barcelona Clinic Liver Cancer (BCLC) Stage, Tumor Size, Portal Venous Thrombosis in Hepatocellular Carcinoma Patients

DARMADI

2024

Jurnal internasional bereputasi

An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review

CENNIKON PAKPAHAN , DARMADI , TAUFIK SUNGKAR , SEM SAMUEL SURJA

2025

Jurnal internasional bereputasi

Association between pesticide exposure and colorectal cancer risk: a systematic review and meta-analysis

DARMADI , Seyedhamid Moosavy , Yadolah Fakhri , Sayed Masoud Hosseini , Alexey Yumashev

2023

Jurnal internasional bereputasi

"Am I Masculine?" A metasyntesis of qualitative studies on traditional masculinity on infertility

DARMADI , A St Aldilah Khaerana , Supardi Supardi , Cennikon Pakpahan , Raditya Ibrahim , William William , Patricia S Kandar

Researches

2022

Penelitian Dana Lokal Perguruan Tinggi

Penelitian Talenta USU Hubungan antara derajat keparahan COVID-19 dan kadar homosistein serum

DARMADI , JELITA SIREGAR

2024

An Efficacy and Safety Comparison of Regorafenib and Nivolumab in Unresectable Hepatocellular Cancer Patients: A Systematic Review

DARMADI , TAUFIK SUNGKAR

2023

The Role of Folic Acid in Gastric Precancerous Lesion: A Literature Review

MASRUL LUBIS , DARMADI , IMELDA REY

2024

Penelitian Dana Lokal Perguruan Tinggi

Analisa genomik virus dengue di kota Medan, tahun 2023- 2024

RANTI PERMATASARI , INKE NADIA DINIYANTI LUBIS , DARMADI , AYODHIA PITALOKA , HENDRI WIJAYA , FRANCISCUS GINTING , JELITA SIREGAR , R Tedjo Sasmono

2023

Comparative Efficacy of Microwave versus Radiofrequency Ablation in Hepatocellular Carcinoma: Systematic Review and Meta-Analysis of Randomized-Controlled Trials

DARMADI , IMELDA REY

Community Services

2023

Pengabdian Masyarakat PAPDI Cabang Sumatera Utara ke Tanah Karo, Sumatera Utara

2023

Bakti Sosial Pengobatan Gratis Klinik Visakha

DINA APRILLIA ARIESTINE , DARMADI , IMELDA REY

2026

Pengabdian Masyarakat Edukasi Pengenalan dan Pencegahan Kanker Kolorektal

DARMADI

2023

Pengabdian Masyarakat SCORA PEMA FK USU 2023 "Rajut Kebersamaan dengan Tali Kesehatan"

MASRUL LUBIS , DARMADI , IMELDA REY

2024

Pengabdian Masyarakat Dewan Dakwah Islamiyah Indonesia Sumatera Utara

DARMADI , IMELDA REY , Purnama Sari Dalimunthe

2022

Ipteks Bagi Masyarakat

Deteksi dini kanker hati pada penduduk di Desa Boho, Pulau Samosir pada tahun 2022

DARMADI , TAUFIK SUNGKAR

2022

Ipteks Bagi Masyarakat

Penyuluhan dan Skrining Helicobacter pylori pada Penduduk di Desa Boho, Pulau Samosir

DARMADI , TAUFIK SUNGKAR

2025

Jalan Sehat dan Bakti Sosial dalam Rangka Milad HMI ke 78

DARMADI , IMELDA REY , Taty Sulystiani
