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Prof. Dr. dr. Kiking Ritarwan, Sp.N, Subsp.NIITCc, MKT adalah seorang dokter spesialis neurologi dalam bidang Neurointensif, Neuroinfeksi-immunologi dan Neurocritical Care serta akademisi di Fakultas Kedokteran Universitas Sumatera Utara (FK-USU). Beliau saat ini Guru Besar Tetap dalam Bidang Neurologi FK USU. Dalam bidang pendidikan, beliau menamatkan S1 Dokter Umum FK USU tahun 1991, Profesi Neurologist dari Kolegium Neurologi sejak tahun 2003, Magister Kedokteran Tropis pada tahun 2003 serta S3 Doktor pada tahun 2013. Beliau saat ini selain sebagai staf pengajar di departemen Neurologi FK USU, juga Anggota Dewan Pertimbangan Fakultas (DPF FK USU) sejak 2021 - 2026, Anggota Komisi IV Dewan Guru Besar USU 2021-2026, juga pernah sebagai Ketua Program Studi Neurologi FK USU 2017-2021, Asesor LamPTKes sejak 2018 sampai dengan sekarang, Anggota Research Review Komite Akreditasi Nasional RISTEKDIKTI sejak 2017 sampai dengan sekarang, beliau juga Anggota Tim Revisi Standar Pendidikan dan Standar Kompetensi Neurologi Indonesia sejak 2024 sampai dengan sekarang, beliau juga Anggota Komite Etik USU (KOMET USU) pada tahun 2025, beliau juga sekretaris Tim Evaluator Pendirian Program Studi Neurologi 2025 dari PERDOSNI PUSAT. Selain itu juga beliau anggota Reviewer Talenta, Reviewer DRTPM dan Monev Talenta USU. Keahlian risetnya dalam bidang neuroinfeksi, stroke serta neuroscience serta aktif dalam melakukan pengabdian masyarakat dalam bidang Neurologi.

Publications

2018

Jurnal internasional bereputasi

Antibacterial Activity of Red Dragon Fruit Leaves Extract and White Dragon Fruit Leaves Extract Against Meningitis Bacterial

KIKING RITARWAN

2025

Jurnal internasional bereputasi

Correlation between Biopsychosocial Factors and Quality of Life in Individuals with Hypertension: A Cross-sectional Study in Indonesia

ARLINDA SARI WAHYUNI , KIKING RITARWAN , PUTRI CHAIRANI EYANOER

2018

Jurnal internasional bereputasi

Increasing Atherosclerosis in Streptozotocin-Induced Diabetes into Four Groups of Mice

YUNITA SARI PANE , KIKING RITARWAN , AZNAN LELO

2018

Prosiding seminar internasional

Polymorphism in beta fibrinogen-455 g/a gene was associated with diabetic in severe ischemic stroke patients

KIKING RITARWAN , ALFANSURI KADRI , ROSITA JUWITA SEMBIRING

2018

Prosiding seminar internasional

Acute disseminated encephalomyelitis: A case report of effective early immunotherapy

PUTRI CHAIRANI EYANOER , OKE RINA RAMAYANI , KIKING RITARWAN

2022

Jurnal internasional bereputasi

Case Report Multiple Sclerosis

2018

Jurnal internasional bereputasi

Prevalence of recurrent urinary tract infection in children with congenital anomaly kidney and urinary tract

OKE RINA RAMAYANI , KIKING RITARWAN

2019

Jurnal internasional bereputasi

Barriers to diagnosis and management of CNS infections in Indonesia

KIKING RITARWAN

2023

Prosiding seminar internasional

Neuro-ophthalmic manifestation Based on opportunistic infection in HIV patient in Haji Adam Malik General Hospital

KIKING RITARWAN , KIKI MOHAMMAD IQBAL

2025

Jurnal nasional terakreditasi

Tantangan Global dalam Menghadapi Perubahan Iklim dan Masa Depan Berkelanjutan dengan Rehabilitasi mangrove Di Desa Bagan Kuala, Serdang Bedagai

DENI ELFIATI , KIKING RITARWAN , YUNASFI , ETTI SARTINA SIREGAR , DELVIAN , BEJO SLAMET , ARIDA SUSILOWATI , IWAN RISNASARI , MOHAMMAD BASYUNI , AMELIA ZULIYANTI SIREGAR , ERNI JUMILAWATY , DIANA SOFIA HANAFIAH , AHMAD BAIQUNI RANGKUTI , ORANG KAYA HASNANDA SYAHPUTRA , MEUTIA NAULY

2022

Jurnal nasional terakreditasi

Medicinal Plants - A Promising Breakthrough in the Management of Alzheimer's Disease Progression Compared to NSAID: A Systematic Review

KIKING RITARWAN

2017

Jurnal internasional bereputasi

Renal survival analysis of CAKUT and outcomes in chronic kidney disease

OKE RINA RAMAYANI , PUTRI CHAIRANI EYANOER , KIKING RITARWAN

2018

Prosiding seminar internasional

Prevalence of recurrent urinary tract infection in children with congenital anomalies of the kidney and urinary tract (CAKUT)

PUTRI CHAIRANI EYANOER , KIKING RITARWAN , OKE RINA RAMAYANI

2018

Prosiding seminar internasional

Polymorphism in beta fibrinogen -455 g/a gene was associated with diabetic in severe ischemic stroke

KIKING RITARWAN , ROSITA JUWITA SEMBIRING , ALFANSURI KADRI

2021

Jurnal nasional terakreditasi

The Effect of Self-Efficacy Based Education on the Daily Care of Stroke Patients and its Implications with Counseling

RIZALDI NANDA WIGUNA , M. HARWANSYAH PUTRA SINAGA , KIKING RITARWAN , NUR ASNAH SITOANG

2022

Jurnal internasional bereputasi

Correlation between Hyponatremia and Cluster of Differentiation 4 in Response to Highly Active Antiretroviral Therapy Treatment in Patients with Human Immunodeficiency Virus Cerebral Toxoplasmosis

KIKING RITARWAN , RADEN AJENG PUJIASTUTI

2022

Jurnal internasional bereputasi

Case Report: Cryptococcal Meningitis

2011
Buku referensi

Infeksi Toksoplasma pada Sistem Saraf

KIKING RITARWAN , PAULUS SUGIANTO , A.A. RAKA SUDEWI

2025
Jurnal nasional terakreditasi

The Empowerment and Independence of Assisted Village, Bagan Kuala Through Various Community Services on Ecotourism, Ecoprint Development, Waste Management, and Malaria Eradication

MOHAMMAD BASYUNI , BEJO SLAMET , KIKING RITARWAN , NURFIDA KHAIRINA ARRASYID

2025
Jurnal nasional terakreditasi

Tantangan Global dalam Menghadapi Perubahan Iklim dan Masa Depan Berkelanjutan dengan Rehabilitasi mangrove Di Desa Bagan Kuala, Serdang Bedagai

MOHAMMAD BASYUNI , KIKING RITARWAN , IWAN RISNASARI , BEJO SLAMET

2018
Prosiding seminar internasional

Acute disseminated encephalomyelitis: a case report of effective early immunotherapy

KIKING RITARWAN , OKE RINA RAMAYANI

2022
Jurnal nasional terakreditasi

Self-Help Group on Quality of Life of Patients Treating Chemotherapy

NUNUNG FEBRIANY SITEPU , KIKING RITARWAN

2022
Jurnal internasional bereputasi

Olive Polyphenol as Neuroprotective in Chronic Cervical Myelopathy Rabbit Model

IQBAL PAHLEVI ADEPUTRA NASUTION , KIKING RITARWAN , TRI WIDYAWATI , RIDHA DHARMAJAYA , PUTRI CHAIRANI EYANOER , MAHYUDANIL , SABRI

2022
Prosiding seminar nasional

HUBUNGAN USIA, JENIS KELAMIN DAN KADAR CD4+ TERHADAP MORTALITAS PASIEN ENSEFALITIS TOKSOPLASMA DI RSUP HAJI ADAM MALIK

RESTUTI HIDAYANI SARAGIH , KIKING RITARWAN , Fandy Ong Jaya

2017
Jurnal nasional terakreditasi

Nilai Prognostik Parameter Fibrinogen dan Uji Reliabilitas terhadap Outcome Stroke Iskemik Akut

KIKING RITARWAN

2021
Jurnal nasional terakreditasi

Medicinal Plants - A Promising Breakthrough in the Management of Alzheimer's Disease Progression Compared to NSAID: A Systematic Review

KIKING RITARWAN , DWI PUTRI RAHAYU TAMPUBOLON , WIDIANA FERRIASTUTI , PAULUS SUGIANTO

2010
Jurnal nasional terakreditasi

PERBEDAAN COGNITIVE PERFORMANCE ANTARA ANAK YANG TERINFEKSI CACING USUS DENGAN TIDAK TERINFEKSI CACING USUS

KIKING RITARWAN

2018
Prosiding seminar internasional

Prevalence of recurrent urinary tract infection in children with congenital anomalies of the kidney and urinary tract (CAKUT)

PUTRI CHAIRANI EYANOER , KIKING RITARWAN , OKE RINA RAMAYANI

2019

Jurnal internasional bereputasi

Models predicting complication in congenital anomaly kidney and urinary tract.

OKE RINA RAMAYANI , RAFITA RAMAYATI , PUTRI CHAIRANI EYANOER , KIKING RITARWAN

2018

Jurnal internasional bereputasi

Correlation of Leukocyte Subtypes, Neutrophil Lymphocyte Ratio, and Functional Outcome in Brain Metastasis

KIKING RITARWAN , IRINA KEMALA NASUTION

2011

Jurnal nasional terakreditasi

ASPEK KLINIS DAN PENATALAKSANAAN MENINGITIS TUBERKULOSA

KIKING RITARWAN

2003

Jurnal nasional

Pengaruh suhu tubuh terhadap outcome penderita stroke yang dirawat di RSUP HAM

KIKING RITARWAN

2024

Jurnal internasional bereputasi

The Importance of Adult Vaccination: Focusing on Pneumococcal Meningitis

RESTUTI HIDAYANI SARAGIH , KIKING RITARWAN , Fandy Ong Jaya

2024

Jurnal internasional bereputasi

Nurse's experience in carrying out muscle exercises among patients stroke: A Qualitative study

KIKING RITARWAN , Kartika Sari , JENNY MARLINDAWANI PURBA

2023

Jurnal internasional

The Relationship of D-dimer Levels and the Incident of Deep Vein Thrombosis in Acute Ischemic Stroke Patients at Haji Adam Malik General Hospital Medan

HENY SYAHRINI , KIKING RITARWAN , DAIRION GATOT

2018

Prosiding seminar internasional

Neurological complication in HIV patients

KIKING RITARWAN

2024

Jurnal internasional bereputasi

Efficacy of metamizole to prevent kidney injury after renal-ischaemic reperfusion injury in Wistar rats

SYAH MIRSYA WARLI , DHIRAJAYA DHARMA KADAR , KIKING RITARWAN , ERJAN FIKRI , JULIANDI HARAHAP , T IBNU ALFERRALY , JUFRIADY ISMY

2024

Jurnal internasional bereputasi

Efficacy of metamizole to prevent kidney injury after renal-ischemic reperfusion injury in wistar rats

KIKING RITARWAN , SYAH MIRSYA WARLI , M. Ichwan , DHIRAJAYA DHARMA KADAR , ERJAN FIKRI , JULIANDI HARAHAP

2023

Jurnal internasional bereputasi

Association between Depression and Anxiety with sleep quality in Post Stroke Patients

2022

Poster seminar nasional

Hubungan Antara Stadium Klinis Human Immunodeficiency Virus dengan Gambaran Funduskopi pada Penderita HIV Positif

KIKI MOHAMMAD IQBAL , KIKING RITARWAN

2024

Poster seminar nasional

Thrombolysis in Ischemic Stroke with an Onset of 45 Minutes: A Case Report

Lulu Anandita Putri , KIKING RITARWAN

2020

Jurnal internasional bereputasi

The Correlation between Hematological Parameters and Transcranial Color Doppler (TCD) with Severity of Acute Ischemic Stroke A Cross-Sectional Study

KIKING RITARWAN , OKE RINA RAMAYANI

2023

Prosiding seminar internasional

Symptomatic Epilepsy Manifestation in Fahr's Syndrome with Hypoparathyroidism Findings: A Case Report in Tertiary Healthcare

KIKING RITARWAN

2022

Jurnal internasional bereputasi

Olive Polyphenol as Neuroprotective in Chronic Cervical Myelopathy Rabbit Model

RIDHA DHARMAJAYA , MAHYUDANIL , IQBAL PAHLEVI ADEPUTRA NASUTION , TRI WIDYAWATI , KIKING RITARWAN , PUTRI CHAIRANI EYANOER

2025

Jurnal nasional terakreditasi

The Empowerment and Independence of Assisted Village, Bagan Kuala Through Various Community Services on Ecotourism, Ecoprint Development, Waste Management, and Malaria Eradication

MOHAMMAD BASYUNI , AHMAD BAIQUNI RANGKUTI , MEUTIA NAULY , ARIDA SUSILOWATI , ETTI SARTINA SIREGAR , DELVIAN , IWAN RISNASARI , DENI ELFIATI , NURFIDA KHAIRINA ARRASYID , KIKING RITARWAN , DIANA SOFIA HANAFIAH , AMELIA ZULIYANTI SIREGAR , BEJO SLAMET , ERNI JUMILAWATY

2023

Jurnal internasional bereputasi

Correlation of Lacunar Infarct on Head Ct Scan with Dysarthria in Haji Adam Malik General Hospital in 2019

KIKING RITARWAN , ABDURRAHMAN ASYSYARIF , ELVITA RAHMI DAULAY

2018

Jurnal internasional bereputasi

Antibacterial Activity of Red Dragon Fruit Leaves Extract and White Dragon Fruit Leaves Extract Against Meningitis Bacterial

KIKING RITARWAN

2022

Jurnal internasional bereputasi

Comparison of Anthropometry and cognitive performance in children aged 6-12 years before and after being educated by Integrated Health Care Centre (Posyandu) Cadres

JULIANDI HARAHAP , LITA SRI ANDAYANI , KIKING RITARWAN

2024

Artikel ilmiah

DIPHTERIC POLYNEUROPATHY: A RARE COMPLICATION THAT NEEDS TO BE ACKNOWLEDGED

KIKING RITARWAN , Fandy Ong Jaya

2024

Jurnal nasional terakreditasi

Risk Factors Influencing the Occurrence of Urinary Tract Infections in Inpatients

R LIA KUSUMAWATI , KIKING RITARWAN , SYAH MIRSYA WARLI , JULIANDI HARAHAP

2019

Jurnal internasional bereputasi

Hepatoprotective Activity and Nephroprotective Activity of Peel Extract from Three Varieties of the Passion Fruit (Passiflora Sp.) in the Albino Rat

KIKING RITARWAN

2022

Buku referensi

PERAN GURU BESAR USU DALAM PEMECAHAN PERMASALAHAN BANGSA MELALUI SDGs

KIKING RITARWAN

2024

Artikel ilmiah

The relationship of antihypertensive medication adherence and hypertension knowledge to quality of life in hypertensive patients

ARLINDA SARI WAHYUNI , PUTRI CHAIRANI EYANOER , KIKING RITARWAN , ISTI ILMIATI FUJIATI

2023

Jurnal nasional terakreditasi

LATIHAN MENELAN TERHADAP KEMAMPUAN MENELAN PASIEN STROKE YANG MENGALAMI DISFAGIA

KIKING RITARWAN , NUNUNG FEBRIANY SITEPU , MESZADENA TUMANGGOR

2021

Jurnal nasional terakreditasi

Medicinal Plants-A Promising Breakthrough in the Management of Alzheimer's Disease Progression Compared to NSAID: A Systematic Review

WIDIANA FERRIASTUTI , KIKING RITARWAN , DWI PUTRI RAHAYU TAMPUBOLON , PAULUS SUGIANTO

2011

Jurnal nasional terakreditasi

KOMPLIKASI NEUROLOGI PADA INFEKSI HIV

KIKING RITARWAN

2019

Jurnal internasional bereputasi

Blood Cortisol Level and Blood Serotonin Level in Depression Mice with Basil Leaf Essential Oil Treatment

KIKING RITARWAN , URIP HARAHAP

2024

Poster seminar nasional

Thrombolysis in Ischemic Stroke with an Onset of 45 Minutes: A Case Report

Lulu Anandita Putri , KIKING RITARWAN

2022

Jurnal nasional terakreditasi

PENERAPAN TEKNOLOGI VIRTUAL REALITY TERHADAP PERILAKU NYERI PASIEN PASCA BEDAH ORIF FRAKTUR EKSTREMITAS BAWAH SAAT PENGGANTIAN BALUTAN LUKA

KIKING RITARWAN , JENNY MARLINDAWANI PURBA

2022

Jurnal nasional terakreditasi

EFEKTIVITAS FOOT BATH TERHADAP PENURUNAN GEJALA NEUROPATI PERIFER PADA PASIEN YANG MENJALANI KEMOTERAPI

SITI SAIDAH NASUTION , Dora Hastura , KIKING RITARWAN

Researches

2021

Penelitian Unggulan Perguruan Tinggi

Pemberdayaan Peran Kader Peduli Antropometri Serta Penilaian Fungsi Kognitif MMSE Kader Posyandu Di Kabupaten Deli Serdang

KIKING RITARWAN , LITA SRI ANDAYANI , JULIANDI HARAHAP

2015

Penelitian Hibah Bersaing

Peran Polimorfisme beta fibrinogen gen -455 G/A terhadap terapi aspirin pada Str

KIKING RITARWAN , AZNAN LELO

2014

Penelitian Hibah Bersaing

Peran Polimorfisme beta fibrinogen gen -455 G/A terhadap terapi aspirin pada Str

KIKING RITARWAN , AZNAN LELO

2024

Penelitian Fundamental

Model Pendekatan Biopsikososial dan Adherensi Pengobatan terhadap kualitas hidup pasien hipertensi di Kota Medan

PUTRI CHAIRANI EYANOER , KIKING RITARWAN , ARLINDA SARI WAHYUNI

2024

Kerjasama Luar Negeri dan Publikasi Internasional

Zeolitic imidazolate framework based cost- effective electrochemical sensing platform to monitor meningitis

RICA ASROSA , IRWANA NAINGGOLAN , KIKING RITARWAN , TULUS IKHSAN NASUTION , SOFIATI DIAN

2025

DIRECT: DOXYCYCLINE ADJUNCTIVE THERAPY TO REDUCE EXCESS MORTALITY AND COMPLICATIONS FROM CENTRAL NERVOUS SYSTEM TUBERCULOSIS-PHASE II RANDOMIZED CLINICAL TRIAL

KIKING RITARWAN , INKE NADIA DINIYANTI LUBIS

2025

Ipteks

FABRIKASI KIT SENSOR BERBAHAN KITOSAN/GRAPHENE QUANTUM DOTS/MANGAN DIOKSIDA UNTUK MENDETEKSI KADAR KOLESTEROL DALAM DARAH

IRWANA NAINGGOLAN , KIKING RITARWAN , TULUS IKHSAN NASUTION , SAGIR ALVA , DIVA PUTRI HARDANA

2013

Penelitian Hibah Bersaing

Peran Polimorfisme beta fibrinogen gen -455 G/A terhadap terapi aspirin pada Str

KIKING RITARWAN , AZNAN LELO

Community Services

2022

Penyuluhan Current Management Tuberculous Meningitis

KIKING RITARWAN

2023

Penyuluhan Kesehatan Pemeriksaan Neurologi dan senam aerobik

KIKING RITARWAN , HEXANTO MUHARTOMO

2024
Ipteks Bagi Masyarakat

Pemeriksaan Kesehatan dan Pengobatan Penyakit Hipertensi dan Penyakit Saraf Pada Masyarakat

OKE RINA RAMAYANI , KIKING RITARWAN

2024
Ipteks Bagi Masyarakat

Kegiatan Peningkatan Kapasitas dan Keterampilan Kelompok Masyarakat dalam Pengembangan Ekowisata dan Ecoprint pada Kawasan Mangrove Desa Bagan Kuala Kabupaten Serdang Bedagai

AHMAD BAIQUNI RANGKUTI , ERNI JUMILAWATY , MOHAMMAD BASYUNI , BEJO SLAMET , AMELIA ZULIYANTI SIREGAR , KIKING RITARWAN , DENI ELFIATI , IWAN RISNASARI , YUNASFI , ETTI SARTINA SIREGAR

2024
Ipteks

Kegiatan Pengolahan Sampah Tepat Guna pada Kawasan Mangrove Desa Bagan Kuala Kabupaten Serdang Bedagai,

MOHAMMAD BASYUNI , AMELIA ZULIYANTI SIREGAR , KIKING RITARWAN , IWAN RISNASARI , ARIDA SUSILOWATI

2023

Pengabdian masyarakat Dies FK USU ke 71

MASITHA DEWI SARI , KIKING RITARWAN

Intellectual Property Rights

2022
Paten nasional

Proses pembuatan KIT sensor Berbasis Kitosan Graphene Mangan Dioksida untuk pendeteksian kadar kolesterol dalam darah

KIKING RITARWAN , IRWANA NAINGGOLAN , TULUS IKHSAN NASUTION , SAKE JULI MARTINA , ARDIANSYAH SEMBIRING

2022
Paten nasional

Metode Memprediksi Penderita Stroke Iskemik Usia Muda dengan Menggunakan Polimorfisme Gen Beta Fibrinogen-455 G ke A

KIKING RITARWAN

2022
Paten nasional

PROSES PEMBUATAN KIT SENSOR BERBASIS KITOSAN-GRAPHENE-MANGAN DIOKSIDA UNTUK PENDETEKSIAN KADAR KOLESTEROL DALAM DARAH

IRWANA NAINGGOLAN , TULUS IKHSAN NASUTION , KIKING RITARWAN , SAGIR ALVA , SAKE JULI MARTINA

2022
Hak cipta nasional

KARYA REKAMAN VIDEO: EFEKTIFITAS SELF-CARE MANAGEMENT TERHADAP PERILAKU LANSIA PENDERITA HIPERTENSI DI UPT PUSKESMAS MEDAN JOHOR

KIKING RITARWAN , SITI ZAHARA NASUTION , RISWANI TANJUNG

2022
Hak cipta nasional

Efektivitas Self-Care Management Terhadap Perilaku Lansia Penderita Hipertensi Di UPT Puskesmas Medan Johor

EVIKAROTA , SITI ZAHARA NASUTION , KIKING RITARWAN , RISWANI TANJUNG