



CURRICULUM VITAE

Dr. Ramli, S.Pd, M.Si

Faculty: Fakultas Matematika dan IPA

Study Programs: Fisika

Email: , Phone:

Scopus of the Last 5 Years

Synthesis and characterization of polystyrene/cuo-fe2o3 nanocomposites from natural materials as hydrophobic photocatalytic coatings. Crystals, Ratnawulan R., 2021

Validity of physics student e-book based on the STEM approach to improve knowledge competence. Journal of Physics: Conference Series, Pratiwi Y., 2021

Validity of physics e-handouts based on the STEM approach to improve students' knowledge competency. Journal of Physics: Conference Series, Yulia S.R., 2021

Effect of temperature on the pyrolysis of plastic waste using zeolite ZSM-5 using a refinery distillation bubble cap plate column. Results in Engineering, Tahir R., 2021

Synthesis and characterization Hausmannite (Mn3O4) nanoparticle of manganese ores prepared by high-energy milling. International Journal of Advanced Science and Technology, Ratnawulan, 2020

Needs analysis in development of physics handout based on STEM approach for 11th grade of senior high school. Journal of Physics: Conference Series, Yulia S.R., 2020

Needs analysis in development of physics student books based on STEM approach for 11th grade senior high school. Journal of Physics: Conference Series, Pratiwi Y., 2020

The electrical properties of NiFe2O4-PVDF nanocomposite prepared by sol-gel method. Journal of Physics: Conference Series, Fadli A.H., 2020

Microwave absorption properties of Fe3O4/PANi nanocomposites synthesized by sol-gel methods. Journal of Physics: Conference Series, Yulfriska N., 2020

Need analysis in development of student books based on STEM approach. Journal of Physics: Conference Series, Hizhar D., 2020

Microwave absorbent properties of Fe3O4 nanoparticle from iron sand prepared by high energy milling ellips-3 dimension. Journal of Physics: Conference Series, Diana S.R., 2020

An ammonia optical sensor silica microspheres doped with nickel(II) ion and reflectance transduction. Rasayan Journal of Chemistry, Ulianas A., 2020

Measurements and analysis of crystal structures of activated carbon of empty fruit bunch from oil palm biomass waste. Journal of Physics: Conference Series, Ikhsan M., 2020

A simple colorimeter based on microcontrollers to detect food dyes. Journal of Physics: Conference Series, Yulkifli, 2020

Web of Science (WoS) of the Last 5 Years

Synthesis and Characterization of Polystyrene/CuO-Fe₂O₃ Nanocomposites from Natural Materials as Hydrophobic Photocatalytic Coatings. CRYSTALS, Ratnawulan, R; Ramli, R; Fauzi, A; Ae, SH, 2021

Google Scholar of the Last 5 Years

Effect of The Volume of Banana Fiber As A Polymer Composite Amplifier With Polyester Resin Matrix On The Sound Absorption of Acoustic Materials. PILLAR OF PHYSICS 15 (1), 2022, Y Darvina, 2022

Graphene Oxide Based on Biomass Waste: Synthesis and Applications. IntechOpen, 2022, R Ramli, R Hidayat, 2022

Microwave Absorption Properties of Graphene Oxide Derived from Coconut Shell Waste by Modified Hummer's Method. PILLAR OF PHYSICS 15 (2), 2022, N Ardianti, Y Darvina, FU Jhora, 2022

Structure Analysis Of Graphene Micro Oxide From Old Coconut Shell Waste. PILLAR OF PHYSICS 15 (1), 69-76, 2022, R Nanda, R Ramli, 2022

Validitas E-Modul Fisika SMA Berbasis Inkuiri Terbimbing Terintegrasi Etnosains untuk Meningkatkan Kemampuan Berpikir Kreatif Peserta Didik. Jurnal Eksakta Pendidikan (Jep) 5 (1), 95-101, 2021, CDT Haspen, S Syafriani, R Ramli, 2021

The effect of composition MnFe₂O₄/PANi nanocomposite on the microstructure that synthesized by spin coating method. PILLAR OF PHYSICS 13 (2), 2021, L Sinurat, Y Darvina, 2021

Analisis Kebutuhan Pengembangan Modul Pembelajaran Fisika SMA Berbasis Pendekatan STEM. JIPFRI (Jurnal Inovasi Pendidikan Fisika Dan Riset Ilmiah) 5 (2), 95-101, 2021, YMV Marta, R Ramli, 2021

The effect of composition of NiFe₂O₄ on the crystal structure of nanocomposite NiFe₂O₄/PVDF that synthesized using sol gel spin coating method. PILLAR OF PHYSICS 13 (2), 2021, YA Putri, R Ramli, 2021

Magnetoresistance characterization of nanocomposite Fe₃O₄/PPy that synthesized with sol-gel spin coating method. PILLAR OF PHYSICS 13 (2), 2021, S Pertiwi, R Ramli, 2021

CHARACTERIZATION STRUCTURE MICRO OF GRAPHENE OXIDE WHICH SYNTHESIS FROM BAGASSE WITH MODIFIED HUMMERS METHOD. Pillar of Physics 14 (2), 46-52, 2021, VS Wahyuli, R Ramli, 2021

AN AMMONIA OPTICAL SENSOR SILICA MICROSPHERES DOPED WITH NICKEL (II) ION AND REFLECTANCE TRANSDUCTION. Rasayan Journal of Chemistry 13 (2), 860-867, 2020, A Ulianas, O Andini, Mawardi, Ramli, LT Ling, 2020

Microwave absorption properties of Fe₃O₄/PANi nanocomposites synthesized by sol-gel methods. Journal of Physics: Conference Series 1481, 012006, 2020, N Yulfriska, Y Zurian Affandi, L Dwiridal, R Ramli, 2020

The electrical properties of NiFe₂O₄-PVDF nanocomposite prepared by sol-gel method. Journal of Physics: Conference Series 1481 (1), 012023, 2020, AH Fadli, Y Darvina, A Hartono, R Ramli, 2020

THE DESIGN OF DISPLAY DIGITAL DATA INTERFACE CLAMP-METER COMPLEMENTED BY SENSOR GMR (GIANT MAGNETORESISTANCE). Spektra: Jurnal Fisika dan Aplikasinya 5 (1), 53-60, 2020, Y Yulkifli, F Afriani, Y Yohandri, R Ramli, 2020

Microwave absorbent properties of Fe₃O₄ nanoparticle from iron sand prepared by high energy milling ellips-3 dimension. Journal of Physics: Conference Series 1481, 012026, 2020, SR Diana, M Ikhsan, LD Yohandri, R Ramli, 2020

Need analysis in development of student books based on STEM approach. Journal of Physics: Conference Series 1481, 012058, 2020, D Hizhar, R Ramli, 2020

Needs analysis in development of physics student books based on STEM approach for 11 th grade senior high school. Journal of Physics: Conference Series 1481, 012066, 2020, Y Pratiwi, SR Yulia, R Ramli, 2020

Needs analysis in development of physics handout based on STEM approach for 11 th grade of senior high school. Journal of Physics: Conference Series 1481, 012054, 2020, SR Yulia, Y Pratiwi, R Ramli, 2020

A simple colorimeter based on microcontrollers to detect food dyes. Journal of Physics: Conference Series 1528 (1), 012066, 2020, DA Wulandari, R Ramli, SB Etika, C Imawan, 2020

Measurements and analysis of crystal structures of activated carbon of empty fruit bunch from oil palm biomass waste. Journal of Physics: Conference Series 1528 (1), 012031, 2020, M Ikhsan, R Ramli, 2020

Pengembangan lembar kerja peserta didik fisika berbasis pendekatan science, technology, engineering, and mathematics untuk meningkatkan berpikir kritis peserta didik. Jurnal Eksakta Pendidikan (JEP) 4 (1), 10-17, 2020, R Ramli, Y Yohandri, 2020

PENGARUH KOMPOSISI CoFe₂O₄ TERHADAP SIFAT MAGNETIK NANOKOMPOSIT CoFe₂O₄/PVDF YANG DISINTESIS DENGAN METODE SOL GEL. PILLAR OF PHYSICS 13 (1), 2020, S Yulianti, R Ramli, 2020

Pengaruh Komposisi MnFe₂O₄ Terhadap Sifat Listrik Nanokomposit MnFe₂O₄/PVDF Yang Disintesis Dengan Metode Spin Coating. PILLAR OF PHYSICS 13 (1), 2020, O GUSTIRA, R Ramli, 2020

Synthesis and Characterization of Polystyrene/CuO-Fe₂O₃ Nanocomposites from Natural Materials as Hydrophobic Photocatalytic Coatings. Crystals 11 (1), 31, 2020, R Ratnawulan, R Ramli, A Fauzi, S Hayati AE, 2020

Research of the Last 5 Years

Pengembangan Dan Karakterisasi Molecularly Imprinted Polymer Silika Nanomaterial Dari Bahan Alam Sebagai Bahan Biosensor Dan Sensor Kimia. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Alizar, Implementation Year: 2022

Sintesis Dan Karakterisasi Nanomaterial Sebagai Bahan Sensor Sianida. Penelitian Dasar, Leader: Alizar, Implementation Year: 2021

Sintesis Dan Karakterisasi Nanokomposit Magnetite- Polyaniline (Fe₃O₄/PANI) Untuk Elektroda Superkapasitor. Pdp- penelitian Dasar, Leader: Yenni Darvina, Implementation Year: 2021

Sintesis Dan Karakterisasi Nanomaterial Sebagai Bahan Sensor Sianida. Penelitian Dasar, Leader: Alizar, Implementation Year: 2020

Sintesis Nanomaterial Molecularly Imprinted Polymers (mips) Dengan Metode Potopolimerisasi Dan Karakterisasinya Untuk Bahan Biosensor & Sensor Kimia. Penelitian Dasar Unggulan Perguruan Tinggi, Leader: Alizar, Implementation Year: 2020

Rancang Bangun Dip Coating Digital Presisi Untuk Teknologi Nanomaterial. Penelitian Terapan, Leader: Yohandri, Implementation Year: 2020

Pengembangan Nano Komposit $MnFe_2O_4$ ($M=Fe, Co, Ni$) Dalam Poly Vinylidene Fluoride Untuk Aplikasi Divais Spintronika Yang Fleksibel. Penelitian Dasar, Leader: Ramli, Implementation Year: 2020

Rancangan Bangun Sensor Kolorimetrik Berbasis Tanaman Lokal Sumatera Barat Sebagai Instrumen Portabel Pengukur Pencemar Logam Berat. Penelitian Dasar Unggulan Perguruan Tinggi, Leader: Yulkifli, Implementation Year: 2020

Community Service of the Last 5 Years

Pembinaan Kelompok Tani Untuk Penerapatan Iptek Dalam Pengolahan Tebu Bebas Sampah Di Jorong Pato Nagari Batu Bulek Kecamatan Lintau Buo Utara Kabupaten Tanah Datar. Program Pengembangan Produk Unggulan Daerah (ppud), Leader: Ramli, Implementation Year: 2022

IPR's of the Last 5 Years

e-Modul Fisika Berbasis Inkuiri Terbimbing Terintegrasi Etnosains dan Kemampuan Berpikir Kritis. Inventor: Syafriani, M.Si., Ph.D.; Rudi Kurniawan, S.Pd.; Cici Dwi Tisa Haspen, S.Pd.; Dr. Ramli, M.Si., Publication Date: 2020-12-01

Elektronik Modul Fisika SMA Berbasis Inkuiri Terbimbing Terintegrasi Etnosains dan Kemampuan Berpikir Kreatif. Inventor: Syafriani S.Si. M.Si. Ph.D; Cici Dwi Tisa Haspen S.Pd; Rudi Kurniawan S.Pd; Dr. Ramli S.Pd. M.Si, Publication Date: 2020-12-01

Book of the Last 5 Years

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