CURRICULUM VITAE

Dr. Yulkifli, S.Pd., M.Si.
Faculty: Fakultas Matematikan dan IPA
Study Programs: Fisika
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Biography

Scopus of the Last 5 Years

A Low-cost Digital Spectrophotometer for Heavy Metal Absorbance Measurements. Instruments and Experimental Techniques, Yulkifli, 2023

Automatic Transfer Switch Solar Cell Inverter System Based on Android Application. Journal of Physics: Conference Series, Audia W., 2022

Direct-current electric field effect on the viability of HeLa cell line. Electromagnetic Biology and Medicine, Muttaqin A., 2021

Molecularly Imprinted Polymer (MIPs) Nanomaterials Modified as Absorbing Cholesterol. Journal of Physics: Conference Series, Sabrina N., 2021

Is Integrated Science Book with Ethno-STEM Approach Needed by Secondary School Students?. Journal of Physics: Conference Series, Muttaqiin A., 2021

Validity of interactive student worksheets based on inquiry based learning models to improve knowledge competence. Journal of Physics: Conference Series, Samudra E.Y.A., 2021

Validity of student worksheet inquiry based learning model with multi-representation approach integrated scientific literacy for grade XI physics learning on 21stcentury. Journal of Physics: Conference Series, Septiani T., 2021

Development of inquiry based learning model - Based student worksheets through the 21stcentury science process skills approach to grade XI physics learning. Journal of Physics: Conference Series, Widestra R.A., 2021

Development of electronic module using inquiry based learning (IBL) model integrated high order thinking skill (HOTS) in 21stcentury physics learning class X. Journal of Physics: Conference Series, Nisak F., 2021

Preliminary study of development of physics e-module using smartphone-assisted inquiry based learning models to support 21stcentury learning. Journal of Physics: Conference Series, Risma M., 2021

Preliminary research in the development of smartphone-based e-module learning materials using the ethno-STEM approach in 21st century education. Journal of Physics: Conference Series, Azis H., 2021

Potential Landslide Detection in Kelok Sembilan Flyover Using SAR Interferometry. International Journal on Advanced Science, Engineering and Information Technology, Razi P., 2021

Molecularly imprinted polymeric microspheres for electrochemical sensing of cholesterol. Rasayan Journal of Chemistry, Julita E., 2021

Web of Science (WoS) of the Last 5 Years

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Google Scholar of the Last 5 Years

A Low-cost Digital Spectrophotometer for Heavy Metal Absorbance Measurements. Instruments and Experimental Techniques 66 (No.1), pp.147-155, 2023, Yulkifli, Kelvin Septa Dewantara, Mona Berlian Sari, Ramli, Pakhrur Razi ..., 2023

Development of physics e-module based on integrated projectbased learning model with Ethno-STEM approach on smartphones for senior high school students. Momentum: Physics Education Journal 6 (1), 93-103, 2022, Yulkifli, Yohandri, Hasbi Azis, 2022

Enhanced Electrochemical Sensor for Electrocatalytic Glucose Analysis in Orange Juices and Milk by the Integration of the Electron-Withdrawing Substituents on Graphene/GlassyÂ …. Journal of Analytical Methods in Chemistry 2022, 2022, R Zainul, IM Isa, AM Yazid, S Nur, N Hashim, SN Mohd Sharif, MI Saidin, ..., 2022

Automatic Transfer Switch Solar Cell Inverter System Based on Android Application. Journal of Physics: Conference Series 2309 (ICRLP2021), 1-9, 2022, Washilla Audia, Mairizwan, Rio Anshari, Yulkifli, 2022

The Effect of Blended Learning Model (BLM) on Student Achievements: A Meta-Analysis. Jurnal Penelitian Pendidikan IPA 8 (5), 2451-2459, 2022, A Asrizal, U Khairi, M Murtiani, V Mardian, 2022

Efektivitas E-modul Fisika Menggunakan Model Pembelajaran Berbasis Riset untuk Meningkatkan Kompetensi Peserta Didik SMA di Era Revolusi 4.0. Jurnal Eksakta Pendidikan 6 (1), 20-27, 2022, Mu'tia Faizah Apriani, Yulkifli, 2022

Automatic Transfer Switch System Design on Solar Cell – Grid Hybrid Based on Android Application. Eksakta 23 (4), 266-283, 2022, Washilla Audia, Yulkifli, Mairizwan, Aditya Rinaldi, 2022

Is Integrated Science Book with Ethno-STEM Approach Needed by Secondary School Students?. Journal of Physics: Conference Series 1788 (1), 012048, 2021, A Muttaqiin, M Murtiani, Y Yulkifli, 2021

Direct-current electric field effect on the viability of HeLa cell line. Electromagnetic Biology and Medicine 40 (1), 41-48, 2021, A Muttaqin, S Syukur, Y Yulkifli, T Alimuddin, 2021

Soil moisture measurement tools using SHT11 sensors based on the Internet of Things. INVOTEK: Jurnal Inovasi Vokasional dan Teknologi 21 (3), 165-174, 2021, Y Karinia, V Violita, H Tarigan, NY Sudiar, Y Yulkifli, 2021

Development of electronic module using inquiry based learning (IBL) model integrated high order thinking skill (HOTS) in 21st century physics learning class X. Journal of Physics: Conference Series 1876 (1), 012085, 2021, F Nisak, Y Yulkifli, 2021

Validity of Student Worksheets using Inquiry Based Learning Models with Science Technology Society Approach for Physics Learning. International Journal of Progressive Sciences and Technologies 25 (1), 63-68, 2021, VY Nasution, RA Widestra, Y Yulkifli, 2021

Validity of Student Worksheet Inquiry Based Learning Model with Scientific Approach Integrated Creative Thinking Skills for Grade XI Physics Learning on 21st Century. International Journal of Progressive Sciences and Technologies (IJPSAT) 27Â …, 2021, MH Yulkifli, 2021

Synthesis and Characterization of HPMpFBP Using Raman Spectroscopy, Nuclear Magnetic Resonance (NMR) Spectroscopy, and FTIR. Jurnal Ilmu Fisika (JIF) 13 (No.2), 109-117, 2021, IMI Wilda Tri Putri Yusri, Yulkifli Yulkifli, Alizar Alizar, 2021

Studi Literatur Sensor Glukosa Untuk Darah Manusia Menggunakan Sensor Elektrokimia Berbasis Glassy Carbon Electrode (GCE) dengan Metode Voltametri. Jurnal Fisika Unand (JFU) 10 (No.3), 324-329, 2021, IMI Widya Janatul Putri, Yulkifli, Alizar, 2021

Research of the Last 5 Years

Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2024

Pengembangan Protector Scorring System Berbasis Sensor Pada Pencak Silat Kategori Tanding Untuk Standarisasi Penilaian. Penelitian Terapan Unggulan Perguruan Tinggi, Leader: Nurul Ihsan, Implementation Year: 2023

Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2023

Pengembangan Otomatisasi Instrumen Klimatologi Tanah Pertanian Berbasis Internet Of Things Dengan Display Smartphone Android. Pt-penelitian Terapan, Leader: Yulkifli, Implementation Year: 2022

Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2022

Pembuatan Sensor Glukosa Berbasis Bahan Nanomaterial Zinc Nitrate Sodium Dedocyl Sulphate Fluazinam. Penelitian Tesis Magister, Leader: Yulkifli, Implementation Year: 2022

Pengembangan E-modul Fisika Terintegrasi Literasi Saintifik Menggunakan Model Inquiry Based Learning Berbantuan Smartphone Untuk Mendukung Pembelajaran Daring Peserta Didik Kelas X Sma. Penelitian Tesis Magister, Leader: Yulkifli, Implementation Year: 2022

Rancang Bangun Early Warning System Infus Pasien Menggunakan Sistem Otomatisasi Melalui Display Smartphone. Pt-penelitian Unggulan Perguruan Tinggi Terapan, Leader: Aulia Asman, Implementation Year: 2022

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

Pengembangan Protector Scorring System Berbasis Sensor Pada Pencak Silat Kategori Tanding Untuk Standarisasi Penilaian. Penelitian Terapan Unggulan Perguruan Tinggi, Leader: Nurul Ihsan, Implementation Year: 2022

Pengembangan Bahan Ajar Ipa Terpadu Menggunakan Pendekatan Etno-stem Untuk Mendukung Pembelajaran Era Revolusi Industri 4.0. Ptpt-penelitian Terapan, Leader: Murtiani, Implementation Year: 2021

Pengembangan Model Pembelajaran Multi-representasi Pemecahan Masalah (mirecal) Untuk Meningkatkan Keterampilan Literasi Baru Mahasiswa Di Era Revolusi Industri 4.0. Penelitian Disertasi Doktor, Leader: Festiyed, Implementation Year: 2021

Pengembangan Otomatisasi Instrumen Klimatologi Tanah Pertanian Berbasis Internet Of Things Dengan Display Smartphone Android. Ptpt-penelitian Terapan, Leader: Yulkifli, Implementation Year: 2021

Pengembangan Dan Karakterisasi Molecularly Imprinted Polymer Silika Nanomaterial Dari Bahan Alam Sebagai Bahan Biosensor Dan Sensor Kimia. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Alizar, Implementation Year: 2021

Pengembangan Sensor Glukosa Portabel Dengan Display Smartphone Android Berbasis Bahan Nano Material. Ptpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Terapan, Leader: Yulkifli, Implementation Year: 2021

Pengembangan Protector Scorring System Berbasis Sensor Pada Pencak Silat Kategori Tanding Untuk Standarisasi Penilaian. Penelitian Terapan Unggulan Perguruan Tinggi, Leader: Nurul Ihsan, Implementation Year: 2021

Community Service of the Last 5 Years

Pengembangan Peralatan Praktikum Fisika Dengan Display Smartphone Berbantuan Iot. Program Pengembangan Usaha Produk Intelektual Kampus (ppupik), Leader: Yulkifli, Implementation Year: 2022

IPR's of the Last 5 Years

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Book of the Last 5 Years

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