



CURRICULUM VITAE

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Biography

Scopus of the Last 5 Years

Networked-based Inquiry: An Effective Physics Learning in the New Normal COVID-19 Era in Indonesia.

International Journal of Instruction, Festiyed, 2022

Low Sidelobe and Tilted Beam Microstrip Antenna for Circularly-Polarized SAR Onboard UAV. Progress in Electromagnetics Research Letters, Yohandri, 2022

Digital experiment system of uniform circular motion with remote laboratory based on website. Journal of Physics: Conference Series, Yohandri, 2022

Volleyball Smash Test Instrument Design with Sensor Technology. Journal of Physics: Conference Series, Komaini A., 2022

Tourist Counter Design Using RFID Sensors for Real Time Monitoring. Journal of Physics: Conference Series, Sentosa M., 2022

Needs Analysis as a Basis for the Development of POE-Based Physics Learning Tools to improve Science Process Skills. Journal of Physics: Conference Series, Amelia R., 2022

Digital experimental system of connecting wheel motion with remote laboratory based on website. Journal of Physics: Conference Series, Asrizal, 2022

Tool modelling system of atwood machine with remote control of released objects for tracker video analysis. Journal of Physics: Conference Series, Asrizal, 2022

A Design of Broadband Axial Ratio Ellipse Microstrip Antenna for CP-SAR Sensor. 2022 International Symposium on Antennas and Propagation, ISAP 2022, Yohandri, 2022

Preliminary analysis and the need for physics learning in SMAN 1 Koto Baru. AIP Conference Proceedings, Damayanti I.R., 2021

Preliminary research of networked-based inquiry model development to improve 21st-century competencies of students on physics learning in senior high school. Journal of Physics: Conference Series, Novitra F., 2021

Development of Online-based Inquiry Learning Model to Improve 21st-Century Skills of Physics Students in Senior High School. Eurasia Journal of Mathematics, Science and Technology Education, Novitra F., 2021

Project, technology and active (PROTECTIVE) learning model to develop digital literacy skills in the 21st century. International Journal of Scientific and Technology Research, Rohman F., 2020

Development of student worksheets (SW) based on project based learning models assisted by tracker applications with scientific approach on simple harmonic motion. International Journal of Scientific and Technology Research, Yohandri, 2020

Preliminary study of physics teaching materials design based on inquiry based learning integrated creative thinking. International Journal of Scientific and Technology Research, Cahyati M.T., 2020

Validity of student worksheets based on inquiry based learning models assisted by tracker application. Journal of Physics: Conference Series, Fadilah R., 2020

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

Validity of student worksheet based on project based learning models assisted by tracker application for simple harmonic motion experiment. Journal of Physics: Conference Series, Lusiana, 2020

How is the student worksheet design (LAPD) based on project based learning (PjBL) models in Senior High School Physics X learning? Literature review. Journal of Physics: Conference Series, Maharani B., 2020

Validity of student's worksheets based on project based learning assisted tracker application. Journal of Physics: Conference Series, Lismidarni S., 2020

Preliminary analysis of physical module practicum modelling project based learning to improve scientific skills of high school students. Journal of Physics: Conference Series, Hamdani Y., 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

Design and manufacture of teaching edupark physics Mifan water park Padang Panjang, Indonesia with discovery learning model. Journal of Physics: Conference Series, Sari D.P., 2020

Design of edupark Physics book with Project Based Learning based on Ngarai Sianok National Geopark, Indonesia. Journal of Physics: Conference Series, Emafrai W., 2020

Preliminary analysis of physics lab textbooks using project based learning model to improve the scientific skills of high school students. Journal of Physics: Conference Series, Anggreni Y.D., 2020

Design of water height detector model in runway based on internet of things. Journal of Physics: Conference Series, Aulia Mardiah P., 2020

Design of automatic infusion monitoring system based on Arduino. Journal of Physics: Conference Series, Sifa Fauziyyah A., 2020

Development of interactive multimedia learning materials for improving critical thinking skills. Research Anthology on Developing Critical Thinking Skills in Students, Djamas D., 2020

Effect of Bended Feeding Line to the Axial Ratio on Circular Patch Antenna with Triangle Truncated. IEEE Region 10 Annual International Conference, Proceedings/TENCON, Kurniawan F., 2019

Development of a Digital Resistivity Meter Based on Microcontroller. IEEE Region 10 Annual International Conference, Proceedings/TENCON, Mairizwan Y., 2019

Validity of student worksheet oriented on POE model assisted digital practicum tool. Journal of Physics: Conference Series, Darwata S., 2019

Preliminary analysis of Problem Based Learning model implementation in the development of module assisted multimedia interactive game for improving critical thinking skill learners. Journal of Physics: Conference Series, Gandri M., 2019

Need assessment of integrated natural science textbook based on Research-Based Learning for Junior High School. Journal of Physics: Conference Series, Pebriawati D., 2019

Validity and practicality of IPA textbook integrated the theme of a hurricane with the type of shared inquiry-based training. Journal of Physics: Conference Series, Angelia R., 2019

Computation calibration on distance measurement in an ultrasonic remote sensing device. Journal of Physics: Conference Series, Nasucha M., 2019

Integration of technology in project based learning with tracker on practicum activities. Journal of Physics: Conference Series, Rohman F., 2019

Validity of student worksheet based on guided inquiry learning model assisted by digital practicum tool. Journal of Physics: Conference Series, Aldilha Yudha S., 2019

Validation of Physics student's worksheet based on cognitive conflict strategy to minimize student's misconception. Journal of Physics: Conference Series, Wityanita, 2019

Analysis of magnetic properties rocks and soils around the Danau Diatas, West Sumatra. Journal of Physics: Conference Series, Fajri R.N., 2019

Need analysis of student worksheet based on tracker on static fluid learning material in high school. Journal of Physics: Conference Series, Fadilah R., 2019

The development of work sheet tracker-based students using project-based learning models on straight movement learning materials in Class X Senior High School. Journal of Physics: Conference Series, Lusiana, 2019

Development of a valid student work sheet oriented on approach somatic, auditory, visual and intellectual (SAVI) assisted digital practicum tools. Journal of Physics: Conference Series, Trio N., 2019

Land subsidence rate analysis of Jakarta Metropolitan Region based on D-InSAR processing of Sentinel data C-Band frequency. Journal of Physics: Conference Series, Widodo J., 2019

Design of a microstrip metamaterial for C-band Radar absorber. Journal of Physics: Conference Series, Sentosa M., 2019

Preface. Journal of Physics: Conference Series, Ifdil I., 2019

Axial Ratio Enhancement Using Triangular Truncation of X-band Communication Antenna. IEEE Region 10 Annual International Conference, Proceedings/TENCON, Kurniawan F., 2019

A low-cost radar absorber based on palm shell active carbon for anechoic chamber. International Journal on Advanced Science, Engineering and Information Technology, Yohandri, 2019

Making an Active Carbon from Candlenut Shell for the Application of Electromagnetic Wave Absorbers. Progress in Electromagnetics Research Symposium, Hutami H., 2019

Pyramidal Radar Absorber Based on Coconut Shell Activated Carbon for Anechoic Chamber Application. Progress in Electromagnetics Research Symposium, Rabelsa G., 2019

Effect of Activating Agent on Electromagnetic Waves Absorption of Carbon-based Radar Absorber Material. Progress in Electromagnetics Research Symposium, Yohandri, 2019

Web of Science (WoS) of the Last 5 Years

Google Scholar of the Last 5 Years

The development of science learning media etno-vlog fermentation cencaluk in riau. Jurnal Penelitian Pendidikan IPA 8 (1), 302-308, 2022, R Awal, M Azhar, Y Yohandri, 2022

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

Pelatihan Kesiapsiagaan Menghadapi Bencana untuk Masyarakat yang Berada Di "Seismic Gap"Desa Muara Siberut. Suluah Bendang: Jurnal Ilmiah Pengabdian Kepada Masyarakat 22 (1), 146-154, 2022, P Razi, Y Yohandri, NY Sudiar, T Thamrin, A Asrizal, 2022

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

Degradasi Zat Warna Methyl Violet dengan Katalis ZnO/Ag Menggunakan Metode Fotosonolisis. Periodic 11 (1), 24-28, 2022, R Sari, H Sanjaya, Y Yohandri, A Amran, A Putra, 2022

Degradasi Asam Humat Pada Air Rawa Gambut menggunakan Metode Fotosonolisis dengan Bantuan Katalis ZnO. Periodic 11 (1), 35-39, 2022, A Zulkarnaini, H Sanjaya, Y Yohandri, UK Nizar, 2022

Networked-Based Inquiry: An Effective Physics Learning in the New Normal COVID-19 Era in Indonesia.. International Journal of Instruction 15 (2), 997-1016, 2022, F Novitra, 2022

Low Sidelobe and Tilted Beam Microstrip Antenna for Circularly-Polarized SAR Onboard UAV. Progress In Electromagnetics Research Letters 104, 95-103, 2022, A Yohandri, A Awaludin, JTS Sumantyo, 2022

Android-Based Measurement Design of Leg Muscle Power. PILLAR OF PHYSICS 15 (1), 2022, M Irsyad, N Ihsan, 2022

Volleyball Smash Test Instrument Design With Sensor Technology. Journal of Physics: Conference Series 2309 (1), 012011, 2022, A Komaini, FD Illahi, TH Sin, SG Handayani, N Ayubi, 2022

Low Sidelobe and Tilted Beam Microstrip Antenna for Circularly-Polarized SAR Onboard UAV.. Progress in Electromagnetics Research Letters 104, 2022, A Awaludin, JT Sumantyo, 2022

The Decision Support System of Students Recruitment as Teacher Candidates using Multilevel Multi Attribute Utility Theory (MAUT). Internet of Things and Artificial Intelligence Journal 2 (2), 60-74, 2022, A Wahid, M Muhamram, BA Rauf, M Agung, Y Yohandri, B Baharuddin, ..., 2022

Digital experiment system of uniform circular motion with remote laboratory based on website. Journal of Physics: Conference Series 2309 (1), 012038, 2022, Yohandri, Asrizal, I Chazanah, 2022

Digital experimental system of connecting wheel motion with remote laboratory based on website. Journal of Physics: Conference Series 2309 (1), 012051, 2022, Asrizal, V Lorenza, Yohandri, 2022

Tool modelling system of atwood machine with remote control of released objects for tracker video analysis. Journal of Physics: Conference Series 2309 (1), 012043, 2022, Asrizal, T Pratiwi, Yohandri, 2022

Analysis of ethnoscience integrated environmental literacy for junior high school. JPBI (Jurnal Pendidikan Biologi Indonesia) 8 (2), 178-188, 2022, S Solheri, M Azhar, Y Yohandri, 2022

Needs Analysis as a Basis for the Development of POE-Based Physics Learning Tools to improve Science Process Skills. Journal of Physics: Conference Series 2309 (1), 012056, 2022, R Amelia, 2022

Tourist Counter Design Using RFID Sensors For Real Time Monitoring. Journal of Physics: Conference Series 2309 (1), 012017, 2022, M Sentosa, 2022

ETNO-STEM DALAM PEMBELAJARAN IPA: A SYSTEMATIC LITERATURE REVIEW. Kwangsan: Jurnal Teknologi Pendidikan 10 (2), 147-163, 2022, M Azhar, F Arsih, 2022

Degradation of Methyl Green Dyes with ZnO Catalyst using the Photosonolysis Method. Periodic 11 (2), 6-9, 2022, MG Ariski, H Sanjaya, A Alizar, D Beri, Y Yohandri, 2022

Komersialisasi Hasil Penelitian Melalui Pusat Layanan Pengukuran Kondisi Fisik. Wahana Dedikasi: Jurnal PkM Ilmu Kependidikan 5 (2), 2022, N Ihsan, A Komaini, Y Yohandri, Y Yulhendri, 2022

A Design of Broadband Axial Ratio Ellipse Microstrip Antenna for CP-SAR Sensor. 2022 International Symposium on Antennas and Propagation (ISAP), 397-398, 2022, F Alhaqqi, K Budayawan, 2022

E-Book Development Effectiveness Problem Based Learning with Quizing in Physics Learning. Jurnal Penelitian Pendidikan IPA 8 (6), 3044-3049, 2022, IR Damayanti, Y Yohandri, 2022

Pengembangan E-book Berbasis Discovery Learning Terintegrasi Keterampilan 4C Untuk Pembelajaran Fisika SMA. JURNAL EKSAKTA PENDIDIKAN (JEP) 6 (2), 117-127, 2022, YD Anggreni, Y Yohandri, 2022

Rancang Bangun Spectrometer Berbasis Arduino untuk Pengukuran Absorbansi Cairan. Universitas Negeri Padang, 2022, D Rahmawati, 2022

Perancangan Alat Pengamanan Brankas Otomatis Menggunakan RFID dan Fingerprint Berbasis Mikrokontroler. Universitas Negeri Padang, 2022, A Saputra, 2022

Rancang Bangun Sistem Packaging Pupuk Anorganik Dengan Tally Counter Berbasis IOT. Universitas Negeri Padang, 2022, AR Apriani, 2022

Degradiasi Methyl Orange Secara Fotosonolisis Menggunakan Katalis ZnO/TiO₂. Periodic 10 (1), 69-72, 2021, N Nurhafizah, H Sanjaya, H Hardeli, Y Yohandri, 2021

Land subsidence estimation using DinSAR method ALOS PALSAR image in Padang City West Sumatra, Indonesia. PILLAR OF PHYSICS 14 (1), 2021, R Sukmawati, MM Waqar, JTS Sumantyo, 2021

Degradiasi Zat Warna Methylene Blue dengan Katalis ZnO-CuO Menggunakan Metode Fotosonolisis. Periodic 10 (2), 42-45, 2021, N Nilam, H Sanjaya, Y Yohandri, 2021

Degradiasi Zat Warna Methyl Orange dengan Katalis ZnO-Co Menggunakan Metode Fotosonolisis. Periodic 10 (2), 33-37, 2021, L Suryani, H Sanjaya, Y Yohandri, 2021

Degradiasi Rhodamin B dengan Katalis ZnO-Fe Menggunakan Metode Fotosonolisis. Periodic 10 (2), 46-50, 2021, W Wulandari, H Sanjaya, Y Yohandri, 2021

KEMANDIRIAN DAN MOTIVASI BELAJAR BIOLOGI SISWA MENGGUNAKAN GOOGLE CLASSROOM PADA MASA PANDEMI COVID-19. Bio-Lectura: Jurnal Pendidikan Biologi 8 (2), 158-166, 2021, R Rikizaputra, M Dinata, M Azhar, Y Yohandri, 2021

DEVELOPMENT OF COORDINATIONS TEST SYSTEM BASED ON ARDUINO. PILLAR OF PHYSICS 14 (1), 2021, AMR Hidayat, Y Yohandri, 2021

The development of height and weight measuring instruments for web-based Anthropometric tests. INVOTEK: Jurnal Inovasi Vokasional dan Teknologi 21 (2), 119-130, 2021, PY Mahardika, Y Yohandri, 2021

Electronic Validity Of Workshop Based On The Project-Based Learning Model Assisted With The Science Laboratory Kit To Improve Science Process Skills In Class X SMA. International Journal of Progressive Sciences and Technologies 26 (2), 672-678, 2021, B Maharani, Y Yohandri, 2021

Preliminary analysis and the need for physics learning in SMAN 1 Koto Baru. AIP Conference Proceedings 2331 (1), 030035, 2021, IR Damayanti, Yohandri, 2021

Pengaruh Bahan Ajar Fisika Berbasis Model Problem Based Learning Menggunakan Pendekatan CTL Terhadap Berpikir Kritis Peserta Didik. Jurnal Penelitian Pembelajaran Fisika 7 (1), 2021, YA Putri, Y Yohandri, 2021

Efektivitas Bahan Ajar Fisika Berbasis Inquiry dengan Pendekatan CTL untuk Meningkatkan Berpikir Kreatif Peserta Didik. Jurnal Penelitian Pembelajaran Fisika 7 (1), 2021, MT Cahyati, Y Yohandri, 2021

Development of a dip coating tool for thin layer growers based on the Raspberry Pi 3. PILLAR OF PHYSICS 13 (2), 2021, I Mardhiyah, 2021

Development of Online-Based Inquiry Learning Model to Improve 21st-Century Skills of Physics Students in Senior High School.. Eurasia Journal of Mathematics, Science and Technology Education 17 (9), 2021, F Novitra, 2021

Effectiveness of E-Module Based on Integrated Project Based Learning Model Ethno-STEM Approach on Smartphones for Student Senior High School Grade XI. International Journal of Progressive Sciences and Technologies (IJPSAT 30Â ..., 2021, H Azis, 2021

Development of interactive multimedia learning materials for improving critical thinking skills. Research Anthology on Developing Critical Thinking Skills in Students, 507-525, 2021, D Djamas, V Tinedi, 2021

Preliminary research of networked-based inquiry model development to improve 21st-century competencies of students on physics learning in senior high school. Journal of Physics: Conference Series 1876 (1), 012047, 2021, F Novitra, 2021

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 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

Pengembangan Aplikasi Analisis Parameter Sistem Ground-Based SAR. Setrum: Sistem Kendali-Tenaga-elektronika-telekomunikasi-komputer 9 (1), 24-32, 2020, Y Yohandri, I Alimuddin, A Asrizal, 2020

Design and manufacture of teaching edupark physics Mifan water park Padang Panjang, Indonesia with discovery learning model. Journal of Physics: Conference Series 1481 (1), 012097, 2020, DP Sari, H Rifai, W Emrifri, 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

Measurement of kinetic friction coefficient through magnetic induction using audacity application in physics learning. International Association of Online Engineering, 2020, F Rohman, Y Azwir, A Fauzan, 2020

Development of Coordination Test Tools. 1st International Conference of Physical Education (ICPE 2019), 181-184, 2020, SG Handayani, A Komaini, 2020

Validaty of Teaching Materials Based on Problem Based Learning Using Contextual Teaching and Learning Approach to Improve Critical Thinking. International Journal of Progressive Sciences and Technologies 23 (1), 63-70, 2020, YA Putri, Y Yohandri, 2020

Fabrication Of Aquaponic System For Integrated Freshwater Fish And Vegetables Cultivation. Pelita Eksakta 3 (2), 114-119, 2020, Y Yohandri, 2020

Validity of teaching materials based on the inquiry based learning model with the CTL approach to improve students' creative thinking skills. International Journal of Progressive Sciences and Technologies 23 (1), 71-78, 2020, MT Cahyati, Y Yohandri, 2020

Design of water height detector model in runway based on internet of things. Journal of Physics: Conference Series 1528 (1), 012022, 2020, PA Mardiah, 2020

Design of automatic infusion monitoring system based on Arduino. Journal of Physics: Conference Series 1528 (1), 012025, 2020, AS Fauziyyah, 2020

Project, Technology and Active (PROTECTIVE) learning model to develop digital literacy skills in the 21st century. International Journal of Scientific & Technology Research 9 (1), 12-16, 2020, F Rohman, A Fauzan, Y Yohandri, 2020

Development of an automatic multi-electrode digital resistivity meter for the Schlumberger configuration. Pillar Phys 13, 74-81, 2020, E Huda, E Yohandri, 2020

How is the student worksheet design (LAPD) based on project based learning (PjBL) models in Senior High School Physics X learning? Literature review. Journal of Physics: Conference Series 1481 (1), 012061, 2020, B Maharani, 2020

Pengembangan digital resistivity meter multielektroda otomatis untuk konfigurasi Schlumberger (Development of an automatic multi-electrode digital resistivity meter for the... PILLAR OF PHYSICS 13 (1), EF Huda, 2020

Validity of student's worksheets based on project based learning assisted tracker application. Journal of Physics: Conference Series 1481 (1), 012127, 2020, S Lismidarni, 2020

Preliminary analysis of physical module practicum modelling project based learning to improve scientific skills of high school students. Journal of Physics: Conference Series 1481 (1), 012074, 2020, Y Hamdani, 2020

Preliminary analysis of physics lab textbooks using project based learning model to improve the scientific skills of high school students. Journal of Physics: Conference Series 1481 (1), 012043, 2020, YD Anggreni, 2020

Validity of student worksheets based on inquiry based learning models assisted by tracker application. Journal of Physics: Conference Series 1481 (1), 012125, 2020, R Fadilah, 2020

Analisis Hubungan Digital Attitude and Literacy dengan 21st-Century Competencies Siswa SMA di Provinsi Jambi. JURNAL EKSAKTA PENDIDIKAN (JEP) 4 (2), 130-137, 2020, F Novitra, F Festiyed, Y Yohandri, 2020

Pengembangan digital resistivity meter multielektroda otomatis untuk konfigurasi Schlumberger (Development of an automatic multi-electrode digital resistivity meter for the... PILLAR OF PHYSICS 13 (1), 2020, EF Huda, 2020

Pembuatan alat ukur kedalaman air menggunakan sensor sonar (An instrument to measure the water depth using a sonar sensor). PILLAR OF PHYSICS 13 (1), 2020, C Syefriana, 2020

Etno-STEM Dalam Pembelajaran Sains Di Indonesia: Tinjauan Literatur yang Sistematis. Jurnal Teknologi Pendidikan: Kwangsan. ISSN daring, 2622-4283, 2020, MA Nurhasnah, FA Yohandri, 2020

Validity and practicality of IPA textbook integrated the theme of a hurricane with the type of shared inquiry-based training. Journal of Physics: Conference Series 1185 (1), 012088, 2019, R Angelia, A Fauzi, 2019

Pembuatan Set Eksperimen Gerak Harmonis Sederhana Pada Bandul Berbasis Sensor Ping Dan Sensor Photogate Dengan Tampilan PC. PILLAR OF PHYSICS 12 (1), 2019, L Handayani, Y Yulkifli, Yohandri, 2019

Validity of development of student's worksheet based on problem-based learning model on parabolic motion materials assisted by digital display practicum. Journal of Physics: Conference Series 1185 (1), 012061, 2019, U Fitri, 2019

Development of a Digital Dip Coating System Based Microcontroller. Eksakta Berkala Ilmiah Bidang MIPA 20 (2), 62-69, 2019, Y Yohandri, K Khairunnisa, R Ramli, R Zainul, 2019

PENGARUH BAHAN AJAR IPA TEMA KESEHATAN PERNAPASAN DAN EKSKRESI MANUSIA MENGINTEGRASIKAN KETERAMPILAN BELAJAR TERHADAP KOMPETENSI SISWA KELAS VIII DI SMPN 7 PADANG. PILLAR OF PHYSICS EDUCATION 12 (3), 2019, W Suhadi, A Asrizal, Y Yohandri, WS Dewi, 2019

Validasi LKPD terintegrasi nilai-nilai karakter dengan learning cycle 5E pada materi fluida kelas XI. PILLAR OF PHYSICS EDUCATION 12 (3), 2019, V Manelza, F Festiyed, Y Yohandri, WS Dewi, 2019

Pengintegrasian Wahana Permainan Wisata Alam Ngarai Sianok dan Wisata Buatan MiFan Water Park Padang ke dalam Materi Fisika. Jurnal Eksakta Pendidikan (JEP) 3 (2), 109-116, 2019, H Rifai, Y Yohandri, DP Sari, W Emafrai, 2019

Axial ratio enhancement using triangular truncation of X-band communication antenna. TENCON 2019-2019 IEEE Region 10 Conference (TENCON), 222-225, 2019, F Kurniawan, JTS Sumantyo, GS Prabowo, Y Prabowo, A Munir, 2019

Validitas LKS berorientasi HOTS dalam model inkui terbimbing pada materi momentum impuls dan getaran harmonis di kelas X SMA/MA. PILLAR OF PHYSICS EDUCATION 12 (4), 2019, N Nurhasanah, Y Darvina, Y Yohandri, 2019

Pyramidal Radar Absorber Based on Coconut Shell Activated Carbon for Anechoic Chamber Application. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-SpringÂ ...), 2019, G Rabelsa, D Rianto, A Putra, CE Santosa, JTS Sumantyo, 2019

Effect of Activating Agent on Electromagnetic Waves Absorption of Carbon-based Radar Absorber Material. , Y Yohandri, Zulpadrianto, D Rianto, N Satria, A Putra, JTS Sumantyo, 2019

Editors: Ifdil Ifdil Yohandri Yohandri Krismadinata Krismadinata. Journal of Physics: Conference Series 1387, 011001, 2019, R Rahim, 2019

Pengaruh suhu sintering pada penyerapan gelombang mikro nanokomposit NiFe₂O₄/PVDF untuk material penyerap radar. PILLAR OF PHYSICS 12 (2), R Ramli, G Gusnedi, Y Yohandri, 2019

Validity of student worksheet based on guided inquiry learning model assisted by digital practicum tool. Journal of Physics: Conference Series 1185 (1), 012058, 2019, SFA Yudha, Yulkifli, Yohandri, 2019

Validity of student worksheet oriented on POE model assisted digital practicum tool. Journal of Physics: Conference Series 1185 (1), 012124, 2019, SR Darwata, Yulkifli, Yohandri, 2019

Need analysis of student worksheet based on tracker on static fluid learning material in high school. Journal of Physics: Conference Series 1185 (1), 012115, 2019, R Fadilah, Yohandri, 2019

Validation of Physics student's worksheet based on cognitive conflict strategy to minimize student's misconception. Journal of Physics: Conference Series 1185 (1), 012112, 2019, Wityanita, D Djamas, Yohandri, 2019

Rancang Bangun Alat Ukur Jumlah Tetes Dan Volume Sisa Cairan Infus Dengan Warning System Pada Sistem Monitoring Cairan Infus Berbasis Arduino. Pillar Phys 12, 25-30, 2019, AS Fauziyyah, M Fisika, S Pengajar, J Fisika, 2019

Need assessment of integrated natural science textbook based on Research-Based Learning for Junior High School. Journal of Physics: Conference Series 1185 (1), 012074, 2019, DM Pebriawati, Usmeldi, Yohandri, 2019

Development of a valid student work sheet oriented on approach somatic, auditory, visual and intellectual (SAVI) assisted digital practicum tools. Journal of Physics: Conference Series 1185 (1), 012127, 2019, N Trio, Yulkifli, Yohandri, 2019

Preliminary analysis of Problem Based Learning model implementation in the development of module assisted multimedia interactive game for improving critical thinking skill learners. Journal of Physics: Conference Series 1185 (1), 012140, 2019, M Gandri, D Djamas, Yohandri, Festiyed, 2019

PENGEMBANGAN SISTEM PENGATURAN KUAT TEKANAN PADA ALAT SCREEN COATING UNTUK MEMBUAT LAPISAN TIPIS BERBASIS ARDUINO UNO. PILLAR OF PHYSICS 12 (2), 2019, R Fitria, Yohandri, 2019

RANCANG BANGUN DETEKTOR KETINGGIAN AIR DI LANDASAN PACU PESAWAT TERBANG BERBASIS INTERNET OF THINGS. PILLAR OF PHYSICS 12 (2), 2019, PA Mardiah, Yohandri, 2019

Making an Active Carbon from Candlenut Shell for the Application of Electromagnetic Wave Absorbers. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-SpringÂ ..., 2019, H Hutami, G Rabelsa, A Putra, 2019

Kode Program Alat Dip Coating Berbasis Arduino. , Y Yohandri, 2019

Program Assembly Pencacah Bandul Matematis. , Y Yohandri, 2019

Program Assembly Penentuan Kapasitansi Kapasitor. , Y Yohandri, 2019

A Low-Cost Radar Absorber Based on Palm Shell Active Carbon for Anechoic Chamber. International Journal on Advanced Science, Engineering and InformationÂ ..., 2019, Yohandri, Zulpadrianto, A Putra, H Sanjaya, JTS Sumantyo, 2019

Design of a microstrip metamaterial for C-band Radar absorber. Journal of Physics: Conference Series 1317 (1), 1-7, 2019, M Sentosa, Yohandri, 2019

Pengaruh suhu sintering pada penyerapan gelombang mikro nanokomposit NiFe₂O₄/PVDF untuk material penyerap radar (Sintering temperature effect on microwave absorption ofÂ PILLAR OF PHYSICS 12 (2), M Fadhilah, 2019

Rancang bangun alat ukur jumlah tetes dan volume sisa cairan infus dengan warning system pada sistem monitoring cairan infus berbasis arduino (Measuring device for the numberÂ PILLAR OF PHYSICS 12 (2), AS Fauziyyah, 2019

Rancang bangun alat ukur jumlah tetes dan volume sisa cairan infus dengan warning system pada sistem monitoring cairan infus berbasis arduino (Measuring device for the numberÂ PILLAR OF PHYSICS 12 (2), 2019, AS Fauziyyah, 2019

Pengaruh suhu sintering pada penyerapan gelombang mikro nanokomposit NiFe₂O₄/PVDF untuk material penyerap radar (Sintering temperature effect on microwave absorption ofÂ PILLAR OF PHYSICS 12 (2), 2019, M Fadhilah, 2019

Rancang bangun detektor ketinggian air di landasan pacu pesawat terbang berbasis internet of things (Water level detector fabrication design on an airplane runway based on theÂ PILLAR OF PHYSICS 12 (2), PA Mardiah, 2019

Yohandri, D Perissin, H Kuze and JT Sri Sumantyo, "Land subsidence rate analysis of Jakarta Metropolitan Region based on D-InSAR processing of Sentinel data C-Band frequency,". J. Phys. Conf. Ser 1185 (1), 2019, J Widodo, H Arie, A Sulaiman, P Razi, 2019

Rancang bangun detektor ketinggian air di landasan pacu pesawat terbang berbasis internet of things (Water level detector fabrication design on an airplane runway based on theÂ PILLAR OF PHYSICS 12 (2), 2019, PA Mardiah, 2019

Yohandri, "Validation Of Physics Student's Worksheet Based On Cognitive Conflict Strategy To Minimize Student's Misconception,". J. Phys. Conf. Ser 1185 (1), 0-4, 2019, DD Wityanita, 2019

Yohandri, and A. Munir, "Axial ratio enhancement using triangular truncation of X-bandÂ, 2019, F Kurniawan, JTS Sumantyo, GS Prabowo, Y Prabowo, 2019

PROTOTIPE ALAT PENGERING MENGGUNAKAN SUMBER DAYA SEL SURYA FOTOVOLTAIK (Pengaruh Waktu Pengeringan terhadap Efisiensi Termal pada Proses Pengeringan Pisang). Politeknik Negeri Sriwijaya, 2019, A Amalia, 2019

Research of the Last 5 Years

Analisis Dan Monitoring Daerah Rawan Longsong Menggunakan Data Drone Dan Ground-based Sar. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Yohandri, Implementation Year: 2022

Pengembangan Broadband Axial Ratio Antena Mikrostrip Untuk Sensor Circularly Polarized Synthetic Aperture Radar (cp-sar). Penelitian Dasar Kompetitif Nasional, Leader: Yohandri, Implementation Year: 2022

Pengembangan Antena Fleksibel Menggunakan Teknik Tenun Untuk Aplikasi Body-worn. Riset Kolaborasi Indonesia, Leader: Yohandri, 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 Remote Laboratory Berbasis Web Untuk Pelaksanaan Real Eksperimen Secara Daring. Pd-penelitian Dasar, Leader: Asrizal, Implementation Year: 2022

Pengembangan Sistem Remote Laboratory Untuk Eksperimen Air Track. Penelitian Tesis Magister, Leader: Yohandri, Implementation Year: 2022

Pengembangan Model Networked-based Inquiry (monbi) Untuk Mengembangkan Ketrampilan Abad 21 Dalam Pembelajaran Fisika. Penelitian Disertasi Doktor, Leader: Festiyed, Implementation Year: 2022

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

Rancang Bangun Reaktor Fotosonolisis Untuk Pengolahan Limbah Organik Industri. Penelitian Terapan, Leader: Yohandri, Implementation Year: 2021

Pengembangan Remote Laboratory Berbasis Web Untuk Pelaksanaan Real Eksperimen Secara Daring. Pdpt-penelitian Dasar, Leader: Asrizal, Implementation Year: 2021

Analisis Dan Monitoring Daerah Rawan Longsong Menggunakan Data Drone Dan Ground-based Sar. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Yohandri, Implementation Year: 2021

Pengembangan Model Networked-based Inquiry (monbi) Untuk Mengembangkan Ketrampilan Abad 21 Dalam Pembelajaran Fisika. Penelitian Disertasi Doktor, Leader: Festiyed, Implementation Year: 2021

Pengembangan Lkpd Berbasis Model Inquiry Based Learning (ibl) Dengan Pendekatan Multi-representasi Untuk Meningkatkan Kemampuan Kolaboratif Pada Pembelajaran Fisika Abad Ke-21. Penelitian Tesis Magister, Leader: Yulkifli, Implementation Year: 2020

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

Pengembangan Bahan Ajar Berbasis Discovery Learning Berbantuan Science Lab Kit Untuk Siswa Sma. Penelitian Tesis Magister, Leader: Yohandri, Implementation Year: 2020

Pengembangan Bahan Ajar Berbasis Project Based Learning Berbantuan Science Laboratory Kit Untuk Siswa Sma. Penelitian Tesis Magister, Leader: Yohandri, Implementation Year: 2020

Pengembangan Model Pembelajaran Protectiv (project, Technology, And Active) Untuk Meningkatkan Keterampilan Mahasiswa Pada Pendidikan Abad 21. Penelitian Disertasi Doktor, Leader: Yohandri, Implementation Year: 2020

Exploring Volcanic Eruption Activities From The Magnetic Properties Of Sediments. Penelitian Dasar, Leader: Hamdi, Implementation Year: 2020

Pengembangan Buku Ajar Edupark Fisika Fluida Dengan Model Saintifik Learning Berdasarkan Destinasi Wisata Mifan Dan Ngarai Sianok. Penelitian Tesis Magister, Leader: Hamdi, Implementation Year: 2019

Pengembangan Bahan Ajar Fisika Sma Kelas Xi Berbasis Stem (science, Technology, Engineering, And Mathematics). Penelitian Tesis Magister, Leader: Ramli, Implementation Year: 2019

Pengembangan Lkpd Interaktif Menggunakan Model Inquiry Based Learning (ibl) Melalui Pendekatan Sains Teknologi Dan Masyarakat (stm) Pada Pembelajaran Fisika Kelas X Untuk Meningkatkan Literasi Digital Abad 21. Penelitian Tesis Magister, Leader: Yulkifli, Implementation Year: 2019

Development Of Low Cost Radar Absorber For Anechoic Chamber Application. Penelitian Dasar, Leader: Yohandri, Implementation Year: 2019

Pengembangan Material Penyerap Gelombang Radar Berbiaya Murah Berbasis Komposit Fe3o4@polimer Konduktif. Penelitian Tesis Magister, Leader: Ramli, Implementation Year: 2019

Pengembangan Model Pembelajaran Protectiv (project, Technology, And Active) Untuk Meningkatkan Keterampilan Mahasiswa Pada Pendidikan Abad 21. Penelitian Disertasi Doktor, Leader: Yohandri, Implementation Year: 2019

Rancang Bangun Dip Coating Digital Presisi Untuk Teknologi Nanomaterial. Penelitian Terapan, Leader: Yohandri, Implementation Year: 2019

Exploring Volcanic Eruption Activities From The Magnetic Properties Of Sediments. Penelitian Dasar, Leader: Hamdi, Implementation Year: 2019

Pengembangan Lembar Kerja Peserta Didik (lkpd) Berbasis Model Inquiry Based Learning Pada Pembelajaran Fisika Kelas Xi Abad Ke-21. Penelitian Tesis Magister, Leader: Yulkifli, Implementation Year: 2019

Pengembangan Lembar Kerja Peserta Didik (lkpd) Berbasis Project Based Learning Menggunakan Teknologi Video Analysis Tracker Untuk Pembelajaran Fisika Sma. Penelitian Tesis Magister, Leader: Yohandri, Implementation Year: 2019

Community Service of the Last 5 Years

Pusat Layanan Tes Pengukuran Kondisi Fisik. Program Pengembangan Usaha Produk Intelektual Kampus (ppupik), Leader: Nurul Ihsan, Implementation Year: 2022

Pusat Layanan Tes Pengukuran Kondisi Fisik. Program Pengembangan Usaha Produk Intelektual Kampus (ppupik), Leader: Nurul Ihsan, Implementation Year: 2021

Pengembangan Usaha Produk Peralatan Praktikum Fisika. Program Pengembangan Usaha Produk Intelektual Kampus (ppupik), Leader: Yulkifli, Implementation Year: 2020

Pkm Kelompok Budidaya Ikan Air Tawar Dan Sayuran Terintegrasi Dengan Sistem Aquaponik Di Kabupaten Padang Pariaman. Program Kemitraan Masyarakat (pkm), Leader: Yohandri, Implementation Year: 2019

Pengembangan Usaha Produk Peralatan Praktikum Fisika. Program Pengembangan Usaha Produk Intelektual Kampus (ppupik), Leader: Yulkifli, Implementation Year: 2019

IPR's of the Last 5 Years

REAKTOR FOTOSONOLISIS BERBASIS MIKROKONTROLER. Inventor: Yohandri, M.Si, Ph.D; Hary Sanjaya, M.Si; Prof. Dr. Indang Dewata, M.Si., Publication Date: 2021-11-19

Buku Model Pembelajaran PROTECTIVE (Project, Technology and Active). Inventor: Fatkhur Rohman, M.Pd.; Prof. Dr. Ahmad Fauzan, M.Sc., M.Pd.; Yohandri, Publication Date: 2019-08-05

Program Assebly Pencacah Bandul Otomatis. Inventor: Yohandri, Publication Date: 2019-12-02

Program Assembly Penentuan Kapasitansi Kapasitor. Inventor: Yohandri, Publication Date: 2019-12-02

Alat Ukur Resistivitas Digital Berbasis Mikrokontroler. Inventor: Yohandri, Mairizwan, Akmam, Publication Date: 2019-03-01

Book of the Last 5 Years

Mikrokontroler dan pemrograman. ISBN: 9786232319929, Publisher: Rajawali Pers, Year: 2021

Elektronika dasar : komponen, rangkaian dan aplikasi. ISBN: 9786233721479, Publisher: Rajawali Pers, Year: 2021

LKPD berbasis model inquiry based learning dengan pendekatan multirepresentasi terintegrasi literasi saintifik. ISBN: 9786025994685, Publisher: CV. Berkah Prima, Year: 2020

LKPD interaktif model inquiry based learning menggunakan pendekatan keterampilan proses terintegrasi literasi saintifik. ISBN: 9786025994692, Publisher: CV. Berkah Prima, Year: 2020

Model pembelajaran protective : project, technology dan active. ISBN: 9786236688700, Publisher: PT. Pena Persada Kerta Utama, Year: 2020

Lembar kerja peserta didik berbasis model- model pembelajaran inovatif berbantuan alat praktikum fisika menggunakan teknologi sensor dengan display digital. ISBN: 9786237343325, Publisher: CV. IRDH (International Research and Development f, Year: 2019
