

Sitasi Karya Ilmiah DTPS (2020-2022)

No.	Nama Dosen	Judul Artikel yang Disitasi (Jurnal, Volume, Tahun, Nomor, Halaman) (3 tahun terakhir)	Jumlah Sitasi	Nomor ID Pengindeks Bereputasi (Misal: Scopus ID)	Nomor Sinta ID
1	2	3	4	5	6
1	Prof. Dr. Erwin, M.Si	Nano-structures and magnetic properties of Zn <sub>1-x</sub> Cu <sub>x</sub> /2Ni <sub>x</sub> /2Fe <sub>2</sub> O <sub>4</sub> (x= 0-0.4) synthesized from natural iron sand. South African Journal of Chemical Engineering. Volume 42, October 2022, Pages 216-222	1	57217738474	6039164
2	Prof. Dr. Erwin, M.Si	A SYSTEMATIC STUDY OF THE STRUCTURAL AND MAGNETIC PROPERTIES OF NICKEL DOPED $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> NANOPARTICLES PREPARED FROM LOGAS NATURAL SAND. ARPN Journal of Engineering and Applied Sciences. Tahun 2022	1	57217738474	6039164
3	Prof. Dr. Erwin, M.Si	Undoped And Manganese Doped Iron Oxide Nanoparticles For Environmental Applications. ARPN Journal of Engineering and Applied Sciences OL. 16, NO. 18, SEPTEMBER 2021. 1872-1876	4	57217738474	6039164
4	Prof. Dr. Erwin, M.Si	Study of iron oxide nanoparticles doped with manganese for catalytic degradation of methylene blue. J. Phys.: Conf. Ser. 2049. tahun 2021, 012021	1	57217738474	6039164
5	Prof. Dr. Erwin, M.Si	Magnetic iron oxide particles (Fe <sub>3</sub> O <sub>4</sub> ) fabricated by ball milling for improving the environmental quality. IOP Conf. Ser.: Mater. Sci. Eng. 845, tahun 2020, 012051	10	57217738474	6039164
6	Prof. Dr. Erwin, M.Si	Precursor effect on the Fe-doped cryptomelane (Fe-OMS-2) prepared via one-step sol-gel route as heterogeneous Fenton catalyst for degradation of methylene blue. IOP Conf. Ser.: Mater. Sci. Eng. 845, tahun 2020, 012014	6	57217738474	6039164
7	Prof. Dr. Erwin, M.Si	The Influence of Milling Ball Size on the Structural, Morphological and Catalytic Properties of Magnetite (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles toward Methylene Blue Degradation. J. Phys.: Conf. Ser. 1655, tahun 2020, 012006	2	57217738474	6039164

8	Prof. Dr. Erwin, M.Si	Synthesis of Magnetic Iron Oxide Nanoparticle from Logas Natural Sand and Its Application for the Catalytic Degradation of Methylene Blue. J. Phys.: Conf. Ser. 1655, tahun 2020,012014	1	57217738474	6039164
9	Prof. Dr. Erwin, M.Si	Preparation of Iron Oxide Magnetic Nanoparticles Natural Sand of Rokan River Synthesis with Ball Milling. J. Phys.: Conf. Ser. 1655, tahun 2020, 012018	1	57217738474	6039164
10	Prof. Dr. Erwin, M.Si	Structural and Morphological Properties of Undoped and Manganese Doped Hematite Nanoparticles Prepared by Ball Milling Method. J. Phys.: Conf. Ser. 1655, tahun 2020, 012013	2	57217738474	6039164
11	Prof. Dr. Erwin, M.Si	PENGENALAN KEARIFAN LOKAL BUDAYA TANA TORAJA MENGGUNAKAN VIRTUAL TOUR BERBASIS WEB. SemanTECH (Seminar Nasional Teknologi, Sains dan Humaniora) 4 (1), 387-394, tahun 2022	3	57217738474	6039164
12	Prof. Dr. Erwin, M.Si	Analisa Perubahan Suseptibilitas Magnetik dan Komposisi Partikel Pasir Alam Sungai Rokan Sebagai Fungsi Kecepatan Putar Tabung Ball Milling. Komunikasi Fisika Indonesia 18 (3), 225-229, 2021	2	57217738474	6039164
13	Prof. Dr. Erwin, M.Si	Penentuan Nilai Suseptibilitas Dan Ukuran Partikel Magnetik Pasir Alam Logas Kabupaten Kuantan Singingi Menggunakan Variasi Ukuran Ball Milling. Komunikasi Fisika Indonesia 18 (1), 42-47, 2021	2	57217738474	6039164
14	Prof. Dr. Erwin, M.Si	Sintesis Dan Karakterisasi Nanopartikel Fe <sub>2</sub> O <sub>3</sub> Dari Pasir Alam Desa Logas Kabupaten Kuantan Singingi. Komunikasi Fisika Indonesia 17 (2), 68-73, 2020	4	57217738474	6039164
15	Prof. Dr. Erwin, M.Si	Topological Gravity of Chern-Simons-Antoniadis-Savvidy in 2+ 1 Dimensions. Journal of Aceh Physics Society 9 (3), 65-71, 2020	1	57217738474	6039164
16	Prof. Dr. Iwantono, M.Phil	Optical properties of the amine functionalized gold nanobipyramids: Effect of functionalization times period. International Journal of Nanoelectronics and Materials, Volume 13, No. 4, Oct 2020 [615-624]	1	7409837871	6002290

17	Prof. Dr. Iwantono, M.Phil	PENGARUH PENAMBAHAN PERAK PADA MOLEKUL DYE TERHADAP EFISIENSI DYE SENSITIZED SOLAR CELL. Komunikasi Fisika Indonesia 18 (1), 64-68, 2021	1	7409837871	6002290
18	Prof. Dr. Iwantono, M.Phil	Performances of dye-sensitized solar cell (DSSC) with working electrode of aluminum-doped ZnO nanorods. Science, Technology and Communication Journal 1 (1), 1-7, 2020	11	7409837871	6002290
19	Prof. Dr. Saktioto. M.Phil	External perspective of lung airflow model through diaphragm breathing sensor using fiber optic elastic belt. NIScPR-CSIR, India, 2022	6	23986247701	5999127
20	Prof. Dr. Saktioto. M.Phil	STEM Education Implementation to Enhance Student Learning Outcomes in Optics Concept. Jurnal Penelitian Pendidikan IPA 8 (2), 1023-1029, 2022	4	23986247702	5999128
21	Prof. Dr. Saktioto. M.Phil	Hexagonal two layers-photonics crystal fiber based on surface plasmon resonance with gold coating biosensor easy to fabricate. Indonesian Journal of Electrical Engineering and Computer Science 28 (1), 146, 2022	5	23986247705	5999131
22	Prof. Dr. Saktioto. M.Phil	Job Training Recommendation System: Integrated Fuzzy AHP and TOPSIS Approach. Advances on Intelligent Informatics and Computing: Health Informatics 2022	2	23986247706	5999132
23	Prof. Dr. Saktioto. M.Phil	The effect of light waves on polarization mode disperts. Science, Technology and Communication Journal 2 (2), 46-50, 2022	2	23986247707	5999133
24	Prof. Dr. Saktioto. M.Phil	Improvement of low-profile microstrip antenna performance by hexagonal-shaped SRR structure with DNG metamaterial characteristic as UWB application. Alexandria Engineering Journal, 2022, 61(6), 4241-4252	1	23986247708	5999134
25	Prof. Dr. Saktioto. M.Phil	Modeling of terahertz radiation absorption temperature distribution in biological tissue of a cattle using simulink-matlab model. Science, Technology and Communication Journal 1 (2), 37-45, 2021	3	23986247709	5999135
26	Prof. Dr. Saktioto. M.Phil	Intensitas Efektif Sinyal Wi-Fi dalam Ruangan Tertutup terhadap Fungsi Termodinamik. Komunikasi Fisika Indonesia 18 (1), 81-87, 2021	1	23986247710	5999136

27	Prof. Dr. Saktioto. M.Phil	Aplikasi Sistem Sensor Fiber Bragg Grating untuk Pendeteksian Simulasi Denyut Jantung Komunikasi Fisika Indonesia 18 (2), 151-158, 2021	1	23986247711	5999137
28	Prof. Dr. Saktioto. M.Phil	Integrasi Chirping dan Apodisasi Bahan TOPAS untuk Peningkatan Kinerja Sensor Serat Kisi Bragg. Komunikasi Fisika Indonesia 18 (2), 111-123, 2021	6	23986247712	5999138
29	Prof. Dr. Saktioto. M.Phil	Integration of chirping and apodization of Topas materials for improving the performance of fiber Bragg grating sensors. In Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012001)	5	23986247714	5999140
30	Prof. Dr. Saktioto. M.Phil	Apodization sensor performance for TOPAS fiber Bragg grating. TELKOMNIKA (Telecommunication Computing Electronics and Control), 2021, 19(6), 1982-1991	4	23986247715	5999141
31	Prof. Dr. Saktioto. M.Phil	Application of Fiber Bragg Grating Sensor System for Simulation Detection of the Heart Rate. In Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012002)	2	23986247716	5999142
32	Prof. Dr. Saktioto. M.Phil	Integration of chirping and apodization of Topas materials for improving the performance of fiber Bragg grating sensors. Journal of Physics: Conference Series 2049 (1), 012001, 2021	14	23986247717	5999143
33	Prof. Dr. Saktioto. M.Phil	Birefringence and Polarization Mode Dispersion Phenomena of Commercial Optical Fiber in Telecommunication Networks. Journal of Physics: Conference Series 1655 (1), 012160, 2020	5	23986247718	5999144
34	Prof. Dr. Saktioto. M.Phil	Transmission spectra of single ring coupled-waveguide resonator configuration by finite difference time domain method. TELKOMNIKA (Telecommunication Computing Electronics and Control) 18 (5), 2020	1	23986247719	5999145
35	Prof. Dr. Saktioto. M.Phil	Tampilan Birefringence pada Gangguan Pembengkokan Serat Optik Komersial. Komunikasi Fisika Indonesia 17 (2), 97-103, 2020	1	23986247720	5999146
36	Prof. Dr. Saktioto. M.Phil	Karakteristik perubahan temperatur beberapa madu kemasan menggunakan fiber Bragg grating (FBG). Seminar Nasional Fisika Universitas Riau V (SNFUR-5) 5, 1-6, 2020	3	23986247721	5999147

37	Prof. Dr. Saktioto. M.Phil	Investigasi kinerja antena berdasarkan dispersi anomali metamaterial struktur heksagonal split ring resonator. Komunikasi Fisika Indonesia 17 (2), 74-79, 2020	7	23986247722	5999148
38	Prof. Dr. Saktioto. M.Phil	Effect of Stripline Number on Resonant Frequency of Hexagonal Split Ring Resonator Metamaterial. Journal of Aceh Physics Society 9 (1), 26-30, 2020	2	23986247724	5999150
39	Prof. Dr. Erman Taer, M.Si	Porous hollow biomass-based carbon nanofiber/nanosheet for high-performance supercapacitor. International Journal of Energy Research, 2022, 46(2), 1467-1480	9	35346209000	5989024
40	Prof. Dr. Erman Taer, M.Si	Cassava peel derived self-doped and hierarchical porous carbon as an optimized electrode for the ultra-high energy density of supercapacitor. Diamond and Related Materials 129, 109407, 2022	4	35346209000	5989024
41	Prof. Dr. Erman Taer, M.Si	Interconnected micro-mesoporous carbon nanofiber derived from lemongrass for high symmetric supercapacitor performance. Journal of Materials Research and Technology, 2022, 19, 4721-4732.	14	35346209000	5989024
42	Prof. Dr. Erman Taer, M.Si	Averrhoa bilimbi leaves-derived oxygen doped 3D-linked hierarchical porous carbon as high-quality electrode material for symmetric supercapacitor. Journal of Energy Storage, 2022, 52, 104911.	6	35346209000	5989024
43	Prof. Dr. Erman Taer, M.Si	Ultrahigh Capacitive Supercapacitor Derived from Self-Oxygen Doped Biomass-Based 3D Porous Carbon Sources. ChemNanoMat, 2022, 8(2), e202100388.	7	35346209000	5989024
44	Prof. Dr. Erman Taer, M.Si	Synthesis free-template highly micro-mesoporous carbon nanosheet as electrode materials for boosting supercapacitor performances. International Journal of Energy Research, 2022, 46(13), 18740-18756.	1	35346209000	5989024
45	Prof. Dr. Erman Taer, M.Si	Biomass-based Self-single-oxygen Heteroatom-doped Hierarchical Porous Carbon Nanosheets for High-performance Symmetrical Supercapacitors. ChemNanoMat, 2022, 8(8), e202200217.	1	35346209000	5989024

46	Prof. Dr. Erman Taer, M.Si	Novel Moringa oleifera Leaves 3D Porous Carbon-Based Electrode Material as a High-Performance EDLC Supercapacitor. ACS omega 7 (41), 36489-36502, 2022	8	35346209000	5989024
47	Prof. Dr. Erman Taer, M.Si	Nanofiber-enrich activated carbon coin derived from tofu dregs as electrode materials for supercapacitor. Communications in Science and Technology, 2021, 6(1), 41-48.	5	35346209000	5989024
48	Prof. Dr. Erman Taer, M.Si	High Potential of Averrhoa bilimbi Leaf Waste as Porous Activated Carbon Source for Sustainable Electrode Material Supercapacitor. In Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012051).	1	35346209000	5989024
49	Prof. Dr. Erman Taer, M.Si	A rod-like mesoporous carbon derived from agro-industrial cassava petiole waste for supercapacitor application. Journal of Chemical Technology & Biotechnology, 2021, 96(3), 662-671.	30	35346209000	5989024
50	Prof. Dr. Erman Taer, M.Si	Surface Modification: Unique Ellipsoidal/Strobili-Fiber Structure of Porous Carbon Monolith for Electrode Supercapacitor. Nanoscience and Technology: An International Journal, 2021, 12 (4), 45-63.	3	35346209000	5989024
51	Prof. Dr. Erman Taer, M.Si	Porous Activated Carbon Binder-free Scleria sumatrensis Stem-Based for Supercapacitor Application. In Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012008)	1	35346209000	5989024
52	Prof. Dr. Erman Taer, M.Si	Solid coin-like design activated carbon nanospheres derived from shallot peel precursor for boosting supercapacitor performance. Journal of Materials Research and Technology, 2021, 15, 1732-1741.	4	35346209000	5989024
53	Prof. Dr. Erman Taer, M.Si	The synthesis of carbon nanofiber derived from pineapple leaf fibers as a carbon electrode for supercapacitor application. Journal of Electrochemical Energy Conversion and Storage, 2021, 18(3):031004	9	35346209000	5989024

54	Prof. Dr. Erman Taer, M.Si	A green and low-cost of mesoporous electrode based activated carbon monolith derived from fallen teak leaves for high electrochemical performance. Journal of Applied Engineering Science, 2021, 19(1), 162-171.	7	35346209000	5989024
55	Prof. Dr. Erman Taer, M.Si	Biomass-based activated carbon monolith from Tectona grandis leaf as supercapacitor electrode materials. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2021, 1-12.	7	35346209000	5989024
56	Prof. Dr. Erman Taer, M.Si	Enhancing the performance of supercapacitor electrode from chemical activation of carbon nanofibers derived areca catechu husk via one-stage integrated pyrolysis. Carbon Letters, 2021, 31, 601-612.	12	35346209000	5989024
57	Prof. Dr. Erman Taer, M.Si	Renewable and environmentally friendly of "red shoots" leaves biomass-based carbon electrode materials for supercapacitor energy storage. In Journal of Physics: Conference Series, 2021, (Vol. 1811, No. 1, p. 012135).	2	35346209000	5989024
58	Prof. Dr. Erman Taer, M.Si	Porous carbon nanofiber monolith binder-free derived from stink bean pod peel as electrode material for symmetric supercapacitor application. Journal of Ovonic Research, 2021, Vol, 17(5), 487-497.	1	35346209000	5989024
59	Prof. Dr. Erman Taer, M.Si	Effective cost and high-performance supercapacitor electrodes from Syzygium oleana leave biomass wastes. In Journal of Physics: Conference Series, 2021, (Vol. 1811, No. 1, p. 012134)	1	35346209000	5989024
60	Prof. Dr. Erman Taer, M.Si	Activated carbon material based on angsana leaves (Pterocarpus indicus) prepared by ZnCl <sub>2</sub> activation method as electrode for high performance supercapacitor. AIP Conference Proceedings 2219 (1), 2020	1	35346209000	5989024
61	Prof. Dr. Erman Taer, M.Si	Analysis of Characteristics of Activated Carbon from Cacao (Theobroma cacao) Skin Waste for Supercapacitor Electrodes. IOP Conference Series: Materials Science and Engineering 990 (1), 012023, 2020	4	35346209000	5989024

62	Prof. Dr. Erman Taer, M.Si	The production and characterization of activated carbon electrodes from pineapple leaf fibers for supercapacitor application. Journal of Aceh Physics Society 9 (1), 1-8, 2020	2	35346209000	5989024
63	Prof. Dr. Erman Taer, M.Si	A high potential of biomass leaves waste for porous activated carbon nanofiber/Nanosheet as electrode material of supercapacitor. Journal of Physics: Conference Series 1655 (1), 012007, 2020	6	35346209000	5989024
64	Prof. Dr. Erman Taer, M.Si	The synthesis of activated carbon nanofiber electrode made from acacia leaves (Acacia mangium wild) as supercapacitors. Advances in Natural Sciences: Nanoscience and Nanotechnology 11 (2), 025007, 2020	40	35346209000	5989024
65	Prof. Dr. Erman Taer, M.Si	Three-dimensional pore structure of activated carbon monolithic derived from hierarchically bamboo stem for supercapacitor application. Communications in Science and Technology 5 (1), 22-30, 2020	32	35346209000	5989024
66	Prof. Dr. Erman Taer, M.Si	The physical and electrochemical properties of activated carbon electrode derived from pineapple leaf waste for supercapacitor applications. Journal of Physics: Conference Series 1655 (1), 012008, 2020	9	35346209000	5989024
67	Prof. Dr. Erman Taer, M.Si	A GREEN AND LOW-COST OF MESOPOROUS ELECTRODE BASED ACTIVATED CARBON MONOLITH DERIVED FROM FALLEN TEAK LEAVES FOR HIGH ELECTROCHEMICAL PERFORMANCE. Journal of Applied Engineering Science, 2020	0	35346209000	5989024
68	Prof. Dr. Erman Taer, M.Si	Carbon nanofiber electrode synthesis from biomass materials for supercapacitor applications. AIP Conference Proceedings 2219 (1), 2020	4	35346209000	5989024
69	Prof. Dr. Erman Taer, M.Si	Synthesis of activated carbon monolith derived from cocoa pods for supercapacitor electrodes application. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-15, 2020	34	35346209000	5989024
70	Prof. Dr. Erman Taer, M.Si	Identification of cacao peels potential as a basic of electrodes environmental friendly supercapacitors. Key Engineering Materials 846, 274-281, 2020	12	35346209000	5989024



71	Prof. Dr. Erman Taer, M.Si	Activated carbon monolith derived from coconut husk fiber as electrode material for supercapacitor energy storage. Journal of Physics: Conference Series 1655 (1), 012164, 2020	4	35346209000	5989024
72	Prof. Dr. Erman Taer, M.Si	Porous activated carbon monolith with nanosheet/nanofiber structure derived from the green stem of cassava for supercapacitor application. International Journal of Energy Research 44 (13), 10192-10205, 2020	36	35346209000	5989024
73	Prof. Dr. Juandi M, M.Si	Drying fresh cassava chip using biomass energy with IoT monitoring system. Agricultural Engineering International: CIGR Journal 24 (3), 2022	1	57195382577	5981728
74	Prof. Dr. Juandi M, M.Si	Menentukan Kualitas Air Bawah Tanah Disekitar Spbu Rimbo Panjang Kampar Dengan Menggunakan Metode Geolistrik Dan Geokimia. Komunikasi Fisika Indonesia 18 (2), 93-98, 2021	1	57195382577	5981728
75	Prof. Dr. Juandi M, M.Si	Interpretasi lapisan bawah permukaan dengan menggunakan metode geolistrik konfigurasi Schlumberger dan geokimia: Studi kasus TPA Muara Fajar Rumbai. Komunikasi Fisika Indonesia 18 (1), 22-28, 2021	1	57195382577	5981728
76	Prof. Dr. Juandi M, M.Si	Interpretasi Kualitas Air Bawah Tanah Di Kelurahan Tangkerang Tengah Kecamatan Marpoyan Damai Menggunakan Metode Geolistrik Dan Geokimia. Komunikasi Fisika Indonesia 18 (2), 124-130, 2021	1	57195382577	5981728
77	Prof. Dr. Juandi M, M.Si	Temperature characteristics of post-harvest technology equipment based on biomass waste energy using the internet of things telecontrol system. J. Phys.: Conf. Ser. 2049 (2021) 012023	3	57195382577	5981728
78	Prof. Dr. Juandi M, M.Si	Prediction criteria for groundwater potential zones in Kemuning District, Indonesia using the integration of geoelectrical and physical parameters. Journal of Groundwater Science and Engineering, 9(1): 12-19	10	57195382577	5981728
79	Prof. Dr. Juandi M, M.Si	Preliminary Investigation of Geothermal Potential in Pawam Site, Rokan Hulu, Indonesia. J. Phys.: Conf. Ser. 1655 (2020) 012126	5	57195382577	5981728

80	Prof. Dr. Juandi M, M.Si	Interpretation Intrusion of Seawater Using Geoelectricity and Measurement of the Well Water Salinity in Kijang Island, Indragiri Hilir District. J. Phys.: Conf. Ser. 1655 (2020) 012161	2	57195382577	5981728
81	Prof. Dr. Juandi M, M.Si	Study of Groundwater Pathway in the Shallow Bedrock Area using Very Low Frequency Method. J. Phys.: Conf. Ser. 1655 (2020) 012147	3	57195382577	5981728
82	Prof. Dr. Juandi M, M.Si	Assessment of Groundwater Quality Based on Geoelectric and Hydrogeochemical Parameters around Slaughterhouses of Pekanbaru City, Indonesia. J. Phys.: Conf. Ser. 1655 (2020) 012116	6	57195382577	5981728
83	Prof. Dr. Juandi M, M.Si	Water sustainability model for estimation of groundwater availability in Kemuning district, Riau-Indonesia. 2020. Journal of Groundwater Science and Engineering, 8(1): 20-29	9	57195382577	5981728
84	Prof. Dr. Juandi M, M.Si	Assessment of Groundwater Quality Based on Geoelectric and Hydrogeochemical Parameters Around Slaughterhouses of Pekanbaru City, Indonesia. Journal of Physics: Conference Series 1655, 8, 2020	10	57195382577	5981728
85	Prof. Dr. Juandi M, M.Si	Analysis of shallow well depth prediction: A study of temporal variation of GRACE satellite data in Tampan District-Pekanbaru, Indonesia. Science, Technology and Communication Journal 1 (1), 27-36, 2020	13	57195382577	5981728
86	Prof. Dr. Juandi M, M.Si	Pemberdayaan kelompok masyarakat Kecamatan Tampan Kota Pekanbaru dalam program inovasi teknologi pengering berbasis biomassa yang ramah lingkungan untuk meningkatkan kualitas air bawah tanah. Unri Conference Series: Community Engagement 2, 2020, 541-549	0	57195382577	5981728
87	Prof. Dr. Juandi M, M.Si	Teknologi mesin pengering pakaian berbasis limbah tempurung kelapa untuk meningkatkan ekonomi bagi UKM yang bergerak dalam bidang laundry di Kecamatan Tampan Kota Pekanbaru. Unri Conference Series: Community Engagement 2, 550-558, 2020	1	57195382577	5981728
88	Prof. Dr. Juandi M, M.Si	Investigation of Aquifers Distribution and Groundwater Quality in the Village of Rimbo Panjang, Kampar District. Science, Technology and Communication Journal 1 (1), 8-15, 2020	12	57195382577	5981728

89	Prof. Dr. Rakhmawati Farma, M.Si	Fabrication of carbon electrodes from sago midrib biomass with chemical variation for supercapacitor cell application. Journal of Physics: Conference Series, Volume 2049, Universitas Riau International Conference on Science and Environment 2021 (URICSE-2021) 10-12 September 2021, Pekanbaru, Indonesia	1	36809494800	6011680
90	Prof. Dr. Rakhmawati Farma, M.Si	Preparation and Characterization Activated Carbon Based on Mesocarp of Bintaro Fruit as Electrode Materials Supercapacitor Cell Application. Journal of Physics: Conference Series, Volume 1655, Universitas Riau International Conference on Science and Environment 2020 (URICSE-2020) 11-13 September 2020, Pekanbaru, Riau, Indonesia	1	36809494800	6011680
91	Prof. Dr. Rakhmawati Farma, M.Si	Facile synthesis of Veitchia merilli coir-based porous carbon using combined chemical and physical activation routes as electrode material for energy storage. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2022, 13(1), 015009	2	36809494800	6011680
92	Prof. Dr. Rakhmawati Farma, M.Si	Hemicellulosa-derived Arenga pinnata bunches as free-standing carbon nanofiber membranes for electrode material supercapacitors. Scientific Reports, 2022, 12(1), 2572.	3	36809494800	6011680
93	Prof. Dr. Rakhmawati Farma, M.Si	The production of carbon electrodes from lignocellulosic biomass of areca midrib through a chemical activation process for supercapacitor cells application. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2021, 1-11	1	36809494800	6011680
94	Prof. Dr. Rakhmawati Farma, M.Si	Supercapacitor cell electrodes derived from nipah fruticans fruit coir biomass for energy storage applications using acidic and basic electrolytes. Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012043)	3	36809494800	6011680
95	Prof. Dr. Rakhmawati Farma, M.Si	Biomass waste-derived rubber seed shell functionalized porous carbon as an inexpensive and sustainable energy material for supercapacitors. Journal of Electronic Materials, 2021, 50, 6910-6919.	9	36809494800	6011680

96	Prof. Dr. Rakhmawati Farma, M.Si	Synthesis of highly porous activated carbon nanofibers derived from bamboo waste materials for application in supercapacitor. Journal of Materials Science: Materials in Electronics, 2021, 32, 7681-7691	15	36809494800	6011680
97	Prof. Dr. Rakhmawati Farma, M.Si	Effect of KOH concentration and growth of platinum nanoparticles on current collector to improved performance of supercapacitor cells. Journal of Ovonic Research, 2021, 17(2), 185-190	2	36809494800	6011680
98	Prof. Dr. Rakhmawati Farma, M.Si	Activated Carbons (AC) Prepared by Direct CO <sub>2</sub> Activation of Parsea Americana seeds Biomass for Supercapacitor Electrodes. Journal of Physics: Conference Series, 2021, (Vol. 2049, No. 1, p. 012067)	1	36809494800	6011680
99	Prof. Dr. Ing. Lazuardi, M.Si	Sensitivity and photoperiodism response of algae-based biosensor using red and blue LED spectrums. In AIP Conference Proceedings, 2021, (Vol. 2320, No. 1, p. 050016)	1	6505855216	6008440
100	Prof. Dr. Minarni, M.Sc	Wavelength selection of multispectral imaging for oil palm fresh fruit ripeness classification. Applied Optics, 2022, 61(17), 5289-5298.	3	8725594300	5975751
101	Prof. Dr. Minarni, M.Sc	Wavelength Dependence of Optical Electronic Nose for Ripeness Detection of Oil Palm Fresh Fruits. Science, Technology & Communication Journal 2 (3), 73-80, 2022	2	8725594300	5975751
102	Prof. Dr. Minarni, M.Sc	Rancang Bangun Sistem Hidung Elektronik Berbasis Sensor Gas MQ untuk Mengevaluasi Kualitas Madu. Jurnal Teori Dan Aplikasi Fisika 9 (2), 143-152, 2021	2	8725594300	5975751
103	Prof. Dr. Minarni, M.Sc	3D imaging using cross line laser for box volume estimation. AIP Conference Proceedings, 2020, 2221(1).	1	8725594300	5975751
104	Prof. Dr. Minarni, M.Sc	Estimasi Volume Buah Kiwi Menggunakan Metode Pencitraan dan Aturan Simpson. JURNAL MEDIA INFORMATIKA BUDIDARMA 4 (3), 535-543, 2020	1	8725594300	5975751
105	Prof. Dr. Rahmi Dewi, M.Si	The effect of heating rate on BaZrxTi1-xO <sub>3</sub> thin film for x=0.4 and x=0.6 as capacitors. Volume 18, May-June 2022, Pages 3826-3833	3	22978995300	5974973

106	Prof. Dr. Rahmi Dewi, M.Si	Effect of holding time on optical structure properties of Ba (Zr <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> thin film using sol-gel method. Science, Technology and Communication Journal 1 (2), 59-66, 2021	12	22978995300	5974973
107	Prof. Dr. Rahmi Dewi, M.Si	Optical and structural studies on bio-synthesized ZnO using Citrullus lanatus peel extract. Journal of Physics: Conference Series 1816 (1), 012019, 2021	8	22978995300	5974973
108	Prof. Dr. Rahmi Dewi, M.Si	Optical characterization of Ba <sub>1-x</sub> Sr <sub>x</sub> TiO <sub>3</sub> thin film properties using ultraviolet-visible spectroscopy. AIP Conf. Proc. 2219, 040001 (2020)	4	22978995300	5974973
109	Prof. Dr. Rahmi Dewi, M.Si	Analysis of Ferroelectric Thin Film BaZr <sub>0.6</sub> Ti <sub>0.4</sub> O <sub>3</sub> with Annealing Temperature Increase Variations Using X-ray Diffraction. J. Phys.: Conf. Ser. 1655 (2020) 012156	1	22978995300	5974973
110	Dr. Yanuar, M.Si	Numerical simulation of temperature and electric field distributions in the microwave heating of petroleum coke (Journal of Nano- and Electronic Physics, Vol. 12 No 3, (2020) 03006(5pp))	1	56627404000	24620
111	Dr. Yanuar, M.Si	Langmuir, Raman, and electrical properties comparison of calixarene and calixarene-rGO using Langmuir Blodgett (LB) technique (Journal of Materials Science: Materials in Electronics volume 31, 2020, pages 18487-18494)	3	56627404000	24620
112	Dr. Awitdrus, M.Si	Biomass conversion into activated carbon as a sustainable energy material for the development of supercapacitor devices (Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Volume 44, 2022 - Issue 2, Pages 3349-3359)	9	54790747400	6011212
113	Dr. Awitdrus, M.Si	Effect of Aqueous Electrolyte to the Supercapacitor Electrode Performance Made from Sugar Palm Fronds Waste (Journal of Physics: Conference Series ,1951 (2021) 012009)	5	54790747400	6011212
114	Dr. Awitdrus, M.Si	KOH activation with microwave irradiation and its effect on the physical properties of orange peel activated carbon (Journal of Physics: Conference Series, 2049, 2021, 012025)	2	54790747400	6011212

115	Dr. Awitdrus, M.Si	The Physical and Electrochemical Properties of Activated Carbon Electrode Derived from Pineapple Leaf Waste for Supercapacitor Applications ( Journal of Physics: Conference Series, 1655, 2020, 012008)	5	54790747400	6011212
116	Dr. Ari Sulisty Rini, M. Sc	Improved Photocatalytic Activity of ZnO Film Prepared via Green Synthesis Method Using Red Watermelon Rind Extract (EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 09, Issue 04, 2022, pp1046-1055)	2	36059915000	6037459
117	Dr. Ari Sulisty Rini, M. Sc	Biosynthesis of ZnO Micro-Nanoflower with Ananas comosus Peel Extract (Journal of Aceh Physics Society 10 (4), 2021, 84-87)	6	36059915000	6037459
118	Dr. Ari Sulisty Rini, M. Sc	Potential of ZnO/ZnS as electron transport materials on Perovskite Solar Cells (Journal of Aceh Physics Society 10 (2), 2021, 41-47)	1	36059915000	6037459
119	Dr. Ari Sulisty Rini, M. Sc	Effect of pH on the Morphology and Microstructure of ZnO synthesized using Ananas comosus Peel Extract (Journal of Physics: Conference Series 2019 (1), 2021, 012100)	9	36059915000	6037459
120	Dr. Ari Sulisty Rini, M. Sc	Structural and morphological studies of silver nanoparticles prepared using Citrullus lanatus rind extract (AIP Conference Proceedings 2320 (1), 2021, 030010)	7	36059915000	6037459
121	Dr. Ari Sulisty Rini, M. Sc	Of ZnO nanoparticle using sandoricum koetjape peel extract as bio-stabilizer under microwave irradiation (Journal of Physics: Conference Series 2049 (1), 2021, 012069)	3	36059915000	6037459
122	Dr. Ari Sulisty Rini, M. Sc	Microwave-assisted biosynthesis and characterization of ZnO film for photocatalytic application in methylene blue degradation (Communications in Science and Technology 6 (2), 2021, 69-73)	7	36059915000	6037459
123	Dr. Ari Sulisty Rini, M. Sc	Sifat optik nanopartikel perak (Ag-Nps) menggunakan bioreduktor ekstrak kulit semangka kuning (Komunikasi Fisika Indonesia 17 (2), 2020, 104-107)	2	36059915000	6037459

124	Dr. Ari Sulisty Rini, M. Sc	Seed-mediated synthesis and photoelectric properties of selenium doped zinc oxide nanorods (Sains Malaysiana 49 (12), 2020, 3055-3063)	6	36059915000	6037459
125	Dr. Ari Sulisty Rini, M. Sc	Liquid Phase Deposition of TiO <sub>2</sub> Films for Electron Transport Layer of Perovskite Solar Cells ( Journal of Nano- and Electronic Physics, (12(3), 2020, 03019)	1	36059915000	6037459
126	Dr. Ari Sulisty Rini, M. Sc	Pembuatan Hand Sanitizer sebagai salah satu upaya pencegahan Covid-19 di Kota Pekanbaru, Indonesia (Unri Conference Series: Community Engagement, 2, 2020, 325-328)	4	36059915000	6037459
127	Dr-Ing. Rahmondia NaNda Setiadi, M.Si	Simulasi Rangkaian DC-DC Buck Converter pada Sistem Penyimpanan Daya Listrik Panel Surya (PROSIDING SEMINAR NASIONAL FISIKA (E-JOURNAL), 10, 2022, FA-83)	2	35791408900	6091006
128	Dr-Ing. Rahmondia NaNda Setiadi, M.Si	Circuit Simulation of the DC-DC Converter with Variation of PWM Load in Solar Panel Electrical Energy Storage Journal of Physics: Conference Series, 2377 (1), 2022, 012020)	1	35791408900	6091006
129	Dr-Ing. Rahmondia NaNda Setiadi, M.Si	DC-DC Buck Converter Circuit Simulation on Solar Panel Electricity Storage System (Journal of Physics: Conference Series 2019 (1), 2021, 012091)	1	35791408900	6091006
130	Dr-Ing. Rahmondia NaNda Setiadi, M.Si	Family factors that influence nationalism level of the students of SMA X Tambun Selatan (AIP Conference Proceedings 2242 (1), 2020), 030017	1	35791408900	6091006