

Tabel 4.b.1 Publikasi Ilmiah DTPS

No.	Jenis Publikasi	Jumlah Judul			Jumlah
		TS-2	TS-1	TS	
1	2	3	4	5	6
1	Jurnal ilmiah tidak terakreditasi	0	0	0	0
2	Jurnal ilmiah nasional terakreditasi	15	22	10	47
3	Jurnal ilmiah internasional	1	4	4	9
4	Jurnal ilmiah internasional bereputasi	76	100	92	268
5	Prosiding seminar wilayah/lokal/ perguruan tinggi	0	0	0	0
6	Prosiding seminar nasional	0	0	3	3
7	Prosiding seminar internasional	18	20	5	43
8	Tulisan di media massa wilayah	0	0	0	0
9	Tulisan di media massa nasional	0	0	0	0
10	Tulisan di media massa internasional	0	2	5	7
Jumlah		110	148	119	377

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	Agung Bambang Setio Utomo, S.U., Dr., Prof.	Influence of pressure variation of air working gas on the onset temperature difference and electric power output of a standing wave thermoacoustic electricity generator (AIP Conference Proceedings, Volume 2391, 2022, No 090028).	0	55501694700	6035251
2	Agung Bambang Setio Utomo, S.U., Dr., Prof.	Impedance Boundary Conditions on The Optimal Design of the H-Type Cylinder Resonator Using Transmission Matrix Method and Genetic Algorithm	0	55501694700	6035251
3	Agung Bambang Setio Utomo, S.U., Dr., Prof.	Singularitas Efek Tepi dari Diskontinuitas Saluran pada Resonator Silinder Tipe-H (Jurnal Sains Dasar, Vol 11, No 1, 2022)	0	55501694700	6035251
4	Agung Bambang Setio Utomo, S.U., Dr., Prof.	Properties of Pineapple Leaf Fibers with Paper Waste as An Absorbing-Composite to Reduce Noise (Vol.11, No. 2)	0	55501694700	6035251
5	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	Effect of Polymer Concentration on the Photocatalytic Membrane Performance of PAN/TiO ₂ /CNT Nanofiber for Methylene Blue Removal through Cross-Flow Membrane Reactor (Bulletin of Chemical Reaction Engineering & Catalysis, Vol. 17, 2022, p.350-362)	4	55696458300	43399
6	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	Photocatalytic membrane of TiO ₂ /CNT decorated PAN nanofibers with enhanced performance under LED visible-light irradiation (Energy & Environment, 2022, p.1-22)	2	55696458300	43399
7	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	Production of Polyvinyl Alcohol–Alginate–Nanocellulose Fibers (Starch–Stärke, 2022, p. 2100032)	1	55696458300	43399

8	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	On the Mechanical and Thermal Properties of Poly (Vinyl Alcohol)–Alginate Composite Yarn Reinforced with Nanocellulose from Oil Palm Empty Fruit Bunches (Indonesian Journal of Chemistry, Vol. 22, 2022, No. 1, p.114-125)	1	55696458300	43399
9	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	Materials and Technologies for Protection and Constructions (Materials and Technologies for Protection and Constructions, 2022, p. 246)	0	55696458300	43399
10	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	<u>Life Science, Materials and Applied Chemistry</u>	0	55696458300	43399
11	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	Fast and noninvasive electronic nose for sniffing out COVID-19 based on exhaled breath-print recognition (NPJ digital medicine, Vol. 5, 2022, p.1-17)	20	55696458300	43399
12	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	High performance of magnetically separable and recyclable photocatalyst of green-synthesized CoFe ₂ O ₄ /TiO ₂ nanocomposites for degradation of methylene blue (Advances in Natural Sciences: Nanoscience and Nanotechnology, Volume 13, Number 4)	3	55696458300	43399
13	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	<u>Novel method to classify varicocele using electronic nose</u>	0	55696458300	43399
14	Ahmad Kusumaatmaja, S.Si., M.Sc., Dr.Eng.	<u>Predicting the value of sperm analysis using an electronic nose</u>	0	55696458300	43399
15	Ari Dwi Nugraheni, S.Si., M.Sc., Dr. Sc.	Eucalyptus Leaves as Potential Indicators of Gold Mine in Indonesia (Jurnal Penelitian Pendidikan IPA, Vol. 8, 2022, No. 1, p.45-50)	1	55585996000	6003082
16	Ari Dwi Nugraheni, S.Si., M.Sc., Dr. Sc.	Interaction of C ₆₀ with Small Molecules: Adsorption-Inclusion Energy Calculation Using the Density Functional Theory (Materials Science Forum, Vol. 1066, 2022, p. 135-143)	0	55585996000	6003082

17	Ari Dwi Nugraheni, S.Si., M.Sc., Dr. Sc.	In vitro bioactivity of 3D microstructure hydroxyapatite/collagen based-egg white as an antibacterial agent (Journal of Biomedical Materials Research Part B: Applied Biomaterials, Vol. 110, 2022, No. 6, p.1412-1424)	9	55585996000	6003082
18	Ari Dwi Nugraheni, S.Si., M.Sc., Dr. Sc.	Dual functional carbonate-hydroxyapatite nanocomposite from Pinctada maxima and egg-white for bone tissue engineering (Journal of Biomaterials Science, Polymer Edition, Vol. 33, 2022, No. 8, p.1043-1062)	6	55585996000	6003082
19	Ari Dwi Nugraheni, S.Si., M.Sc., Dr. Sc.	Vibrational effect on vacancy concentration in diamond: The density-functional-theory calculation (Computational Condensed Matter, Vol. 32, 2022, p.e00708)	2	55585996000	6003082
20	Ari Setiawan, Drs., M.Si., Dr.Ing.	Detection of seismic wave signal using singlemodemultimode-singlemode fiber probe (Journal of Optoelectronics and Advanced Materials, Volume 24, 2022, No. 5-6, Pages 201 - 205)	0	57211242115	6644103
21	Arief Hermanto, S.U., M.Sc., Dr.	The symplectic geometrical formulation of quantum hydrodynamics (International Journal of Geometric Methods in Modern Physics, 2022, p. 2250194)	0	55387100300	6037620
22	Budi Eka Nurcahya, Drs., M.Si., Dr.	Joint interpretation global gravity model plus with seismic interpretation at Kradenan mud volcano area, Purwodadi, Central Java (AIP Conference Proceedings 2663, 2022, p.040003)	0	56598060200	6644107
23	Chotimah, Dra., M.S., Dr.	Potensi electronic nose 118 untuk mendeteksi penyakit busuk pangkal batang pada kelapa sawit (E-Journal Menara Perkebunan, Vol. 90, 2022, No. 1)	0	36348183600	6009206

24	Chotimah, Dra., M.S., Dr.	Development of a hydroxyapatite nanoparticle-based gel for enamel remineralization—A physicochemical properties and cell viability assay analysis (Dental Materials Journal, Vol. 41, 2022, No. 1, p.68-77)	2		
25	Eddy Hartantyo, S.Si., M.Si., Dr.	A Study on the Acquisition Technique of SH Waves Refraction Seismic (PIT IAGI I 51st, 2022)	0	56461309100	5981965
26	Eddy Hartantyo, S.Si., M.Si., Dr.	The Effect of Weathered Layer Thickness and Slope on Potential Areas of Landslides in Gerbosari Village, Samigaluh District, Kulonprogo Regency, Indonesia (JGEET, Vol.7, 2022, No.3, p.124-131)	0	56461309100	5981965
27	Eddy Hartantyo, S.Si., M.Si., Dr.	Comparison Analysis of Amplitude Variation With Offset (AVO) With Energy-Weighted AVO (EAVO) on The Bagus Acasia Structure, Jatibarang Field, North West Java Basin (Indonesian Petroleum Association 46th Annual Convention Proceedings, 2022)	0	56461309100	5981965
28	Eddy Hartantyo, S.Si., M.Si., Dr.	New Attribute Energy Weighted AVO (EAVO) Application on The Acacia Bagus Structure, Jatibarang Field, North West Java Basin (Indonesian Petroleum Association 46th Annual Convention Proceedings, 2022)	0	56461309100	5981965
29	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Microstructural, optical, and magnetic properties and specific absorption rate of bismuth ferrite/SiO ₂ nanoparticles (Materials Research Express, Vol. 9, 2022, No. 7, p.076101)	6	9737294200	6002848
30	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Localized surface plasmon resonance properties of green synthesized silver nanoparticles (Nano-Structures & Nano-Objects, Vol. 31, 2022, p. 100895)	9	9737294200	6002848
31	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Synthesis of Silica Nanoparticles from Silica Sand via Vibration Assisted Alkaline Solution Method (International Journal of Engineering, Vol. 35, 2022, No. 7, pp.1300-1306)	1	9737294200	6002848

32	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Annealing temperature dependence of crystalline structure and magnetic properties in nano-powder strontium-substituted cobalt ferrite (Nano-Structures & Nano-Objects, Vol. 30, 2022, p. 100862)	13	9737294200	6002848
33	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Reusability of Photocatalytic CoFe ₂ O ₄ @ ZnO Core–Shell Nanoparticles for Dye Degradation (ECS Journal of Solid State Science and Technology, Vol. 11, 2022, No. 2, p.023004)	12	9737294200	6002848
34	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Magneto-optic surface plasmon resonance properties of core-shell Fe ₃ O ₄ @ Ag nanoparticles (Advances in Natural Sciences: Nanoscience and Nanotechnology, Vol. 12, 2022, No. 4, p.045011)	4	9737294200	6002848
35	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Prospect of core-shell Fe ₃ O ₄ @ Ag label integrated with spin-valve giant magnetoresistance for future point-of-care biosensor (Advances in Natural Sciences: Nanoscience and Nanotechnology, Vol. 12, 2022, No. 4, p.045013)	6	9737294200	6002848
36	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Switching gas permeation through smart membranes by external stimuli: a review (Journal of Materials Chemistry A, 2022)	6	9737294200	6002848
37	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Green Synthesis of Fe ₃ O ₄ /TiO ₂ Nanoparticles Using Extracts of Moringa oleifera: Microstructural and Optical Properties (Solid State Phenomena, Vol. 332, 2022, pp. 91-99)	1	9737294200	6002848
38	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Microstructural and Surface Plasmon Resonance Properties of Green- Synthesized Ag Nanoparticles Using Moringa oleifera Extract (Solid State Phenomena, Vol. 332, 2022, p. 85-90)	0	9737294200	6002848
39	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	High reusability of green-synthesized Fe ₃ O ₄ /TiO ₂ photocatalyst nanoparticles for efficient degradation of methylene blue dye (Materials Today Communications, Volume 33, December 2022, p.104450)	7	9737294200	6002848

40	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	High performance of magnetically separable and recyclable photocatalyst of green-synthesized CoFe ₂ O ₄ /TiO ₂ nanocomposites for degradation of methylene blue (Advances in Natural Sciences: Nanoscience and Nanotechnology, Volume 13, Number 4, 26 October 2022)	3	9737294200	6002848
41	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	A New Platform of Iron Oxide-Based Nanoparticles Assay Using GMR Chip-Based Sensor With Microcontroller (IEEE Sensors Journal, Vol. 22, Issue: 21, 01 November 2022, p. 20093 - 20101)	2	9737294200	6002848
42	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Detection of green-synthesized magnetite nanoparticles using spin-valve GMR-based sensor and their potential as magnetic labels (Journal of Magnetism and Magnetic Materials, Vol. 560, 2022 p.169645)	8	9737294200	6002848
43	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	Green Synthesis of Fe ₃ O ₄ /Chitosan Nanoparticles Utilizing Moringa Oleifera Extracts and Their Surface Plasmon Resonance Properties (ECS Journal of Solid State Science and Technology, 2022)	4	9737294200	6002848
44	Edi Suharyadi, S.Si., M.Eng., Dr. Eng.	GMR Biosensor Based on Spin-Valve Thin Films for Green-Synthesized Magnetite (Fe ₃ O ₄) Nanoparticles Label Detection (Nano Hybrids and Composites, Vol. 37, 2022, pp. 9-14)	0	9737294200	6002848
45	Eko Sulistya, Drs., M.Si., Dr.	Comprehensive observations on pendulum oscillation using stereo vision (Physics Education, Vol. 57, 2022, No. 2, p.025024)	0	5988598	56598118500
46	Fahrudin Nugroho, S.Si.,M.Si.,Dr. Eng.	Modeling of phase transition in fabrication of polymer-derived ceramics (PDCs) (International Journal of Computational Materials Science and Engineering, Vol. 11, 2022, No. 2, p.2150032)	3	35790563800	6022713
47	Fahrudin Nugroho, S.Si.,M.Si.,Dr. Eng.	Eucalyptus Leaves as Potential Indicators of Gold Mine in Indonesia (Jurnal Penelitian Pendidikan IPA, Vol. 8, 2022, No. 1, p.45-50)	1	35790563800	6022713

48	Fahrudin Nugroho, S.Si.,M.Si.,Dr. Eng.	Alignment of carbon nanotubes under the influences of nematic liquid crystals and electric fields—an analytical study (International Journal of Computational Materials Science and Engineering, Vol. 11, 2022, No. 2, p.2150033)	1	35790563800	6022713
49	Gede Bayu Suparta, Drs., M.S., Ph. D.	Comprehensive observations on pendulum oscillation using stereo vision (Physics Education, Vol. 57, 2022, No. 2, p.025024)	0	7801438473	5985600
50	Gede Bayu Suparta, Drs., M.S., Ph. D.	<u>Location Analysis for Additional Permanent Radiation Detector in XRay Radiography Unit</u>	0	7801438473	5985600
51	Harsojo, Drs., S.U., M.Sc., Dr.	Reduced Graphene Oxide on Activated Carbon/Manganese Dioxide Composite Materials for High-Performance Supercapacitor Electrodes (Research Square, February 7th, 2022)	0	54394189200	5972685
52	Harsojo, Drs., S.U., M.Sc., Dr.	A New Platform of Iron Oxide-Based Nanoparticles Assay Using GMR Chip-Based Sensor With Microcontroller (IEEE Sensors Journal , Volume: 22, Issue: 21, 01 November 2022)	2	54394189200	5972685
53	Iman Santoso, S.Si., M.Sc., Dr.	Design and simulation of perovskite solar cell using graphene oxide as hole transport material (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 090011)	6	12781075300	260393
54	Iman Santoso, S.Si., M.Sc., Dr.	Full-zone Persistent Spin Textures with Giant Spin Splitting in Two-dimensional Group IV-V Compounds (Journal of Physics: Condensed Matter, 2022)	3	12781075300	260393
55	Iman Santoso, S.Si., M.Sc., Dr.	Reversible canted persistent spin textures with large spin splitting in two-dimensional ferroelectric bilayer WTe2 (Journal arXiv preprint arXiv:2208.05902, 2022)	1	12781075300	260393

56	Iman Santoso, S.Si., M.Sc., Dr.	Device modeling of two-dimensional hole transport materials for boosting the performance of non-fullerene acceptor bulk heterojunction organic solar cells (Optical Materials, Vol. 132, 2022, p.112771)	1	12781075300	260393
57	Iman Santoso, S.Si., M.Sc., Dr.	<u>Electronic-Structures Calculations of Calcium-Intercalated Bilayer Graphene: A First-Principle Study (Indonesian Journal of Chemistry, Vol.23 No. 2, 2023)</u>	0	12781075300	260393
58	Iman Santoso, S.Si., M.Sc., Dr.	<u>Study of green reductant effects of highly reduced graphene oxide production and their characteristics (Communications ins Science and Technology, Vol.7 No. 2, 2022)</u>	0	12781075300	260393
59	Iman Santoso, S.Si., M.Sc., Dr.	Electronic correlations enhance optical absorption in graphene oxide-modified methylammonium lead iodide perovskite (Journal of Alloys and Compounds, Volume 947, 25 June 2023, 169634)	0	12781075300	260393
60	Kuwat Triyana, Drs., M.Si., Ph.D.	Design and simulation of perovskite solar cell using graphene oxide as hole transport material (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 090011)	4	8597558700	6004339
61	Kuwat Triyana, Drs., M.Si., Ph.D.	Hybrid learning method based on feature clustering and scoring for enhanced COVID-19 breath analysis by an electronic nose (Artificial Intelligence in Medicine, Vol. 129, 2022, p.102323)	9	8597558700	6004339
62	Kuwat Triyana, Drs., M.Si., Ph.D.	Potensi electronic nose 118 untuk mendeteksi penyakit busuk pangkal batang pada kelapa sawit (E-Journal Menara Perkebunan, Vol. 90, 2022, No. 1)	0	8597558700	6004339
63	Kuwat Triyana, Drs., M.Si., Ph.D.	The Crystal Structure Analysis of Silver Nanowires Using Rietveld Method for Optoelectronic Application (Journal of Nano Research, Vol. 71, 2022, pp. 1-12)	0	8597558700	6004339

64	Kuwat Triyana, Drs., M.Si., Ph.D.	Study on Volatile Compounds of Gelatine and The Maillard Reaction Products from Different Species Using SPME-GCMS (Science and Technology Indonesia, Vol. 7, 2022, No.2, p. 132-139)	1	8597558700	6004339
65	Kuwat Triyana, Drs., M.Si., Ph.D.	Influence of dopant concentration on the ammonia sensing performance of citric acid-doped polyvinyl acetate nanofibers (Analytical Methods, Vol.14, 2022, No. 47, p. 4956-4966)	2	8597558700	6004339
66	Kuwat Triyana, Drs., M.Si., Ph.D.	Fourier transform infrared spectrum pre-processing technique selection for detecting PYLCV-infected chilli plants (Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Vol. 278, 2022, p.121339)	4	8597558700	6004339
67	Kuwat Triyana, Drs., M.Si., Ph.D.	Device modeling of two-dimensional hole transport materials for boosting the performance of non-fullerene acceptor bulk heterojunction organic solar cells (Optical Materials, Vol. 132, 2022, p.112771)	1	8597558700	6004339
68	Kuwat Triyana, Drs., M.Si., Ph.D.	Fast and noninvasive electronic nose for sniffing out COVID-19 based on exhaled breath-print recognition (NPJ digital medicine, Vol. 5, 2022, No. 1, pp.1-17)	5	8597558700	6004339
69	M. Farchani Rosyid, Drs., M.Si., Dr. rer.nat.	The symplectic geometrical formulation of quantum hydrodynamics (International Journal of Geometric Methods in Modern Physics, 2022, p. 2250194)	0	56387558700	29896
70	M. Farchani Rosyid, Drs., M.Si., Dr. rer.nat.	Proses difusi relativistik melalui persamaan langevin dan fokker-planck. Jurnal Teknosains, 11 (2), pp.101-111.	2	56387558700	29896
71	M. Farchani Rosyid, Drs., M.Si., Dr. rer.nat.	<u>Quaternionic Version of Rotation Groups</u>	0	56387558700	29896
72	M. Farchani Rosyid, Drs., M.Si., Dr. rer.nat.	Simulation Nongravitational Dynamic of Cometary Orbit (Journal of Natural Sciences and Mathematics Research, Vol 1, No 1 (2015): June)	0	56387558700	29896

73	Mirza Satriawan, S.Si., M.Si., Ph.D.	Development of low-cost real-time photoacoustic microscopy using diode laser and condenser microphone (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 020021)	0	57208011286	21485
74	Mirza Satriawan, S.Si., M.Si., Ph.D.	The characterization of a photoacoustic tomography imaging system and its application to distinguish healthy liver and worm-infected liver (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 090019)	0	57208011286	21485
75	Mirza Satriawan, S.Si., M.Si., Ph.D.	<u>Infinite Statistics and the Gross Pitaevskii Equation</u>	0	57208011286	21485
76	Mitrayana, S.Si., M.Si., Dr.	Photoacoustic tomography imaging system based on laser diode to distinguish biological tissue and image enhancement with application of foodstuff contrast agent. (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 090018)	0	56033380400	5985528
77	Mitrayana, S.Si., M.Si., Dr.	Development of low-cost real-time photoacoustic microscopy using diode laser and condenser microphone. (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 020021)	0	56033380400	5985528
78	Mitrayana, S.Si., M.Si., Dr.	The characterization of a photoacoustic tomography imaging system and its application to distinguish healthy liver and worm-infected liver (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 090019)	0	56033380400	5985528
79	Mitrayana, S.Si., M.Si., Dr.	The photoacoustic tomographic imaging system based on diode laser and microphone for analyzing healthy and sick colon of broiler (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 020005)	0	56033380400	5985528
80	Mitrayana, S.Si., M.Si., Dr.	Application of a Photoacoustic Tomography System: A Case Study on the Monitoring of Pig Tissue Decomposition (Makara Journal of Science, Vol. 26, 2022, No. 1, p.1)	0	56033380400	5985528

81	Mitrayana, S.Si., M.Si., Dr.	Invisible barcode method base on NDT photoacoustic imaging (Journal of Instrumentation, Volume 17, February 2022)	0	56033380400	5985528
82	Mitrayana, S.Si., M.Si., Dr.	Impedance Boundary Conditions on The Optimal Design of the H-Type Cylinder Resonator Using Transmission Matrix Method and Genetic Algorithm (Vol 19 No 1 (2022): Romanian Journal of Acoustics and Vibration Articles)	0	56033380400	5985528
83	Mitrayana, S.Si., M.Si., Dr.	Performance Characterization of 450 nm Visible Light Based Photoacoustic Imaging for Phantom Imaging of Synthetic Dye Contrast Agents (Indonesian Journal of Applied Physics, Vol 12, 2022, No 1)	0	56033380400	5985528
84	Moh. Adhib Ulil Absor, S.Si., M.Sc., Ph.D.	Full-zone Persistent Spin Textures with Giant Spin Splitting in Two-dimensional Group IV-V Compounds (Journal of Physics: Condensed Matter, 2022)	2	35172586800	43388
85	Moh. Adhib Ulil Absor, S.Si., M.Sc., Ph.D.	Reversible canted persistent spin textures with large spin splitting in two-dimensional ferroelectric bilayer WTe ₂ (Journal arXiv preprint arXiv:2208.05902, 2022)	0	35172586800	43388
86	Moh. Adhib Ulil Absor, S.Si., M.Sc., Ph.D.	Unveiling Electronic Structure and Spin-Resolve of Bulk Bi ₂ O ₂ X (X= S, Se, and Te) Materials: A Computational Study Based-On Density Functional Theory (Materials Science Forum, vol. 1066, 2022, pp. 150-155)	0	35172586800	43388
87	Moh. Adhib Ulil Absor, S.Si., M.Sc., Ph.D.	Au-Doped PtAg Nanorod Array Electrodes for Proton-Exchange Membrane Fuel Cells (ACS Appl. Energy Mater. 2022, 5, 12, 14979–14989)	1	35172586800	43388
88	Moh. Ali Joko Wasono, M.S., Dr.	The photoacoustic tomographic imaging system based on diode laser and microphone for analyzing healthy and sick colon of broiler (AIP Conference Proceedings, Vol. 2391, 2022, No. 1, p. 020005)	0	6504591221	6035975

89	Moh. Ali Joko Wasono, M.S., Dr.	Application of a Photoacoustic Tomography System: A Case Study on the Monitoring of Pig Tissue Decomposition (Makara Journal of Science, Vol. 26, 2022, No. 1, p.1-10)	0	6504591221	6035975
90	Moh. Ali Joko Wasono, M.S., Dr.	Study of The Effect of Aloe Vera Gel Coating to Ethylene Gas in Banana (Musa Paradisiaca) by Using Photoacoustic Spectrometer	0	6504591221	6035975
91	Pekik Nurwantoro, Drs., M.S., Ph.D.	Solution Of The Time Dependent Schrodinger Equation Using The Higher Order Trotter-Suzuki Method(Jurnal Fisika Indonesia, Vol.26)	0	6507246751	5986436
92	Sholihun, S.Si., M.Sc., Ph.D.	<u>Evaluation of GPM IMERG Products for Extreme Precipitation over Indonesia</u>	2	56578598700	43387
93	Sholihun, S.Si., M.Sc., Ph.D.	Thermoelectric properties of monolayer and bilayer buckled XTe (X= Ge, Sn, and Pb) (Advances in Natural Sciences: Nanoscience and Nanotechnology, vol.13, 2022, no.2, p.025008)	0	56578598700	43387
94	Sholihun, S.Si., M.Sc., Ph.D.	Evaluation of GPM IMERG Performance Using Gauge Data over Indonesian Maritime Continent at Different Time Scales (Remote Sensing, Vol. 14, 2022, No. 5, p.1172)	16	56578598700	43387
95	Sholihun, S.Si., M.Sc., Ph.D.	Capability of GPM IMERG Products for Extreme Precipitation Analysis over the Indonesian Maritime Continent (Remote Sensing, Vol. 14, 2022, No. 2, p.412)	10	56578598700	43387
96	Sholihun, S.Si., M.Sc., Ph.D.	Ground validation of GPM IMERG-F precipitation products with the point rain gauge records on the extreme rainfall over a mountainous area of Sumatra Island (Jurnal Penelitian Pendidikan IPA 8, 2022, No. 1, p. 163-170)	6	56578598700	43387
97	Sholihun, S.Si., M.Sc., Ph.D.	Strain Effects on the Band Structures of Monolayer GaN from the Density Functional Theory (Materials Science Forum, vol. 1066, 2022, pp. 144-149)	0	56578598700	43387

98	Sholihun, S.Si., M.Sc., Ph.D.	Interaction of C60 with Small Molecules: Adsorption-Inclusion Energy Calculation Using the Density Functional Theory (Materials Science Forum, vol. 1066, 2022, pp. 135-143)	0	56578598700	43387
99	Sholihun, S.Si., M.Sc., Ph.D.	Vibrational effect on vacancy concentration in diamond: The density-functional-theory calculation (Computational Condensed Matter, vol.32, 2022, p.e00708)	0	56578598700	43387
100	Sholihun, S.Si., M.Sc., Ph.D.	Trends in rainfall and hydrometeorological disasters in new capital city of Indonesia from long-term satellite-based precipitation products (Remote Sensing Applications: Society and Environment, 2022, p.100827)	3	56578598700	43387
101	Sholihun, S.Si., M.Sc., Ph.D.	Statistical Comparison of IMERG Precipitation Products with Optical Rain Gauge Observations over Kototabang, Indonesia (Jurnal Ilmu Fisika Universitas Andalas, vol.14, 2022, no.1, pp.10-20)	7	56578598700	43387
102	Sismanto, Drs., M.Si., Dr., Prof.	APLIKASI METODE VLF (VERY LOW FREQUENCY) DAN METODE RESISTIVITAS UNTUK ESTIMASI SEBARAN LAVA BASALT BERSTRUKTUR BANTAL DI DAERAH WATUADEG KABUPATEN SLEMAN YOGYAKARTA (JOURNAL ONLINE OF PHYSICS, Vol. 7, 2022, No.2, p.24-29)	0	56275730400	6037541
103	Sismanto, Drs., M.Si., Dr., Prof.	THE INVESTIGATION OF KADIDIA GEOTHERMAL FIELD (INDONESIA) USING GRAVITATIONAL DATA AND POWER SPECTRUM ANALYSIS (Jurnal Teknologi, Volume 84, 2022, No. 1, Pages 149 - 157)	0	56275730400	6037541
104	Sismanto, Drs., M.Si., Dr., Prof.	Numerical Simulation of Maxwell Equation Using Finite Difference Method in Case of Subsurface Conductivity Parameter (Jurnal Inovasi Penelitian dan Pembelajaran Fisika, Vol. 3, 2022, No.2, p.59-66)	0	56275730400	6037541

105	Sismanto, Drs., M.Si., Dr., Prof.	A Study Experimental of Design Considerations of Constant Input Current Source (Journal of Engineering Science and Technology Review, Vol. 15, 2022, No. 1, Pages 68 - 73)	0	56275730400	6037541
106	Sudarmaji, S.Si., M.Si., Dr.	The Effect of Weathered Layer Thickness and Slope on Potential Areas of Landslides in Gerbosari Village, Samigaluh District, Kulonprogo Regency, Indonesia (JGEET, Vol.7, 2022, No.3, p.124-131)	0	57214768552	5980524
107	Wahyudi, M.S., Dr.	Detection of seismic wave signal using singlemode- multimode-singlemode fiber probe (JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 24, 2022, No. 5, p.201-205)	0	57197724518	6038055
108	Wahyudi, M.S., Dr.	Grain size, mineralogical, and geochemistry of the 1996-2018 Volcanic Products of Anak Krakatau Volcano, Indonesia (IOP Conference Series: Earth and Environmental Science, Vol. 1071, 2022, No. 1, p.012017)	0	57197724518	6038055
109	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Evaluation of GPM IMERG Products for Extreme Precipitation over Indonesia (Journal of Physics: Conference Series, Vol.2309, 2022, No.1, p. 012008)	3	55872506000	5973144
110	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Detection of seismic wave signal using singlemode- multimode-singlemode fiber probe (JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 24, 2022, No. 5, p.201-205)	0	55872506000	5973144
111	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Evaluation of GPM IMERG performance using gauge data over Indonesian maritime continent at different time scales (Remote Sensing, Vol. 14, 2022, No. 5, p.1172)	26	55872506000	5973144
112	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Optical and Electrical Based Indoor Landslide Early Warning System Based on the Change of the Wall Crack Width (IOP Conference Series: Earth and Environmental Science, Vol. 989, 2022, No.1, p. 012023)	0	55872506000	5973144

113	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Modelling of Volcano Lawu Fault Structure Using Gravity Anomaly to Determine Landslides Potential (IOP Conference Series: Earth and Environmental Science, Vol. 986, 2022, No. 1, p. 012025)	1	55872506000	5973144
114	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Capability of GPM IMERG products for extreme precipitation analysis over the Indonesian Maritime Continent (Remote Sensing, Vol. 14, 2022, No.2, p.412)	13	55872506000	5973144
115	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Ground validation of GPM IMERG-F precipitation products with the point rain gauge records on the extreme rainfall over a mountainous area of Sumatra Island (Jurnal Penelitian Pendidikan IPA, Vol. 8, 2022, No.1, p.163-170)	10	55872506000	5973144
116	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Statistical Comparison of IMERG Precipitation Products with Optical Rain Gauge Observations over Kototabang, Indonesia (Jurnal Ilmu Fisika, Vol. 14, 2022, No.1, p.10-20)	9	55872506000	5973144
117	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Mechanical tomography of a volcano plumbing system from GNSS unsupervised modeling (Authorea Preprints, 2022)	0	55872506000	5973144
118	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	GEOLOGY AND ORE CHARACTERISTICS OF LOW SULFIDATION EPITHERMAL GOLD MINERALIZATION AT TAMBANG SAWAH, LEBONG, BENGKULU PROVINCE (KURVATEK, Vol. 7, 2022, No. 2, p.81-92)	0	55872506000	5973144
119	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Trends in rainfall and hydrometeorological disasters in new capital city of Indonesia from long-term satellite-based precipitation products (Remote Sensing Applications: Society and Environment, Vol.28, 2022, p.100827)	7	55872506000	5973144
120	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	LiDAR and UAV SfM-MVS of Merapi volcanic dome and crater rim change from 2012 to 2014 (Remote Sensing, Vol.14, 2022, No.20, p.5193)	5	55872506000	5973144

121	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Importance of Tropospheric Correction to C-band InSAR Measurements: Application in the 2018 Palu Earthquake (Indonesian Journal of Geography, Vol. 54, 2022, No.3, p.352-358)	0	55872506000	5973144
122	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Identification of Seismic Response to Aquifer System with A Synthetic Modelling Approach (IOP Conference Series: Earth and Environmental Science, Vol. 1071, 2022, No.1, p.012019)	0	55872506000	5973144
123	Wiwit Suryanto, S.Si., M.Si., Dr.rer. nat.	Parameters test on time migration with Kirchhoff method on 2D synthetic data with dipping event and its reflector structural changes (IOP Conference Series: Earth and Environmental Science, Vol. 1071, 2022, No. 1, p.012020)	0	55872506000	5973144
124	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	In vitro bioactivity of 3D microstructure hydroxyapatite/collagen based-egg white as an antibacterial agent (Journal of Biomedical Materials Research Part B: Applied Biomaterials, Vol. 110, 2022, No. 6, p.1412-1424)	7	55908037500	21484
125	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	The properties of kenaf/carbon/PMMA hybrid composites by adding chitosan nano and microparticles (Materials Today: Proceedings, 2022)	0	55908037500	21484
126	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	Fabrication and characterization of hydroxyapatite-polycaprolactone-collagen bone scaffold by electrospun nanofiber (International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, p.1-13)	0	55908037500	21484
127	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	Cell Viability Assay and Surface Morphology Analysis of Carbonated Hydroxyapatite/Honeycomb/Titanium Alloy Coatings for Bone Implant Applications (Bioengineering, Vol. 9, 2022, No. 7, p.325)	2	55908037500	21484

128	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	Alignment of carbon nanotubes under the influences of nematic liquid crystals and electric fields—an analytical study (International Journal of Computational Materials Science and Engineering, Vol. 11, 2022, No. 2, p.2150033)	0	55908037500	21484
129	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	The cell viability assay analysis and physicochemical characterization of porous hydroxyapatite scaffold using honeycomb and paraffin wax as polymeric porogen for bone tissue engineering (Advances in Natural Sciences: Nanoscience and Nanotechnology, Vol. 13, 2022, No. 1, p.015013)	0	55908037500	21484
130	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	A Novel Theoretical Modeling for Predicting the Sound Absorption of Woven Fabrics Using Modification of Sound Wave Equation and Genetic Algorithm (Autex Research Journal, Vol. 22, 2022, No. 1, p.108-122)	1	55908037500	21484
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132	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	Development of a hydroxyapatite nanoparticle-based gel for enamel remineralization —A physicochemical properties and cell viability assay analysis (Dental Materials Journal, Volume 41, 2022, Issue 1 , p. 68-77)	7	55908037500	21484
133	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	Mechanical Characteristics and Bioactivity of Nanocomposite Hydroxyapatite/Collagen Coated Titanium for Bone Tissue Engineering (Bioengineering, Volume 9, 2022, Issue (12), pp. 784)	2	55908037500	21484
134	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	<u>Coating of Stainless Steel 304 Surface with Apatite Compound Using the Electrophoretic Deposition Method</u>	0	55908037500	21484

135	Yusril Yusuf, S.Si., M.Eng., Dr.Eng.	<u>Fabrication of Alginate-Based Electrospun Nanofibers for Carbon Dioxide Removal</u>	0	55908037500	21484
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