

Tabel 4.b.2 Sitasi Karya Ilmiah DTPS					
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	Ari Dwi Nugraheni, S. Si., M.Sc., Dr.Sc.	Mechanical Characteristics and Bioactivity of Nanocomposite Hydroxyapatite/Collagen Coated Titanium for Bone Tissue Engineering (Bioengineering, 2022, Page 784).	5	55585996000	6003082
2	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
3	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
4	Ari Dwi Nugraheni, S. Si., M.Sc., Dr.Sc.	Dual functional carbonate-hydroxyapatite nanocomposite from <i>Pinctada maxima</i> and egg-white for bone tissue engineering (Journal of Biomaterials Science, Polymer Edition, Vol. 33, 2022, No. 8, p.1043-1062)	6	55585996000	6003082
5	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
6	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)	4	55585996000	6003082
7	Edi Suharyadi, S.Si., M.Eng., Dr.Eng.	Enhancing photodegradation of methylene blue and reusability using CoO/ZnO composite nanoparticles (Case Studies in Chemical and environmental Engineering, Volume 7, 2023, No. 100301).	1	9737294200	6002848
8	Edi Suharyadi, S.Si., M.Eng., Dr.Eng.	Facile pore size control and low-cost synthesis of mesoporous silica nanoparticles based on rice husk (Advances in Natural Sciences: Nanoscience and Nanotechnology, Volume 14, Issue 1, Number 015007, 2023).	1	9737294200	6002848

9	Edi Suharyadi, S.Si., M.Eng., Dr.Eng.	Effect of sintering temperature on physical, mechanical, and electrical properties of nano silica particles synthesized from Indonesia local sand for piezoelectric application (Journal of Asian Ceramic Societies, Volume 11, Issue 1, Pages 178-187, 2023).	2	9737294200	6002848
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

19	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
20	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
21	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
22	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
23	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
24	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)	1	9737294200	6002848
25	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)	1	35790563800	6022713
26	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
27	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
28	Harsojo, Drs., S.U., M.S	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

29	Iman Santoso, S.Si., M	Reversible canted persistent spin textures with large spin splitting in two-dimensional ferroelectric bilayer WTe ₂ (Journal arXiv preprint arXiv:2208.05902, 2022)	1	12781075300	260393
30	Iman Santoso, S.Si., M	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
31	Iman Santoso, S.Si., M	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
32	Iman Santoso, S.Si., M	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
33	Kuwat Triyana, Drs., M	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
34	Kuwat Triyana, Drs., M	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
35	Kuwat Triyana, Drs., M	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
36	Kuwat Triyana, Drs., M	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
37	Kuwat Triyana, Drs., M	Hybrid learning method based on feature clustering and scoring for enhanced COVID-19 breath analysis by an electronic nose (Artificial Intelligence in Medicine, 2022, p.102323)	9	8597558700	6004339
38	Kuwat Triyana, Drs., M	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
39	Kuwat Triyana, Drs., M	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

40	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
41	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
42	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
43	Sholihun, S.Si., M.Sc.,	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	56578598700	43387
44	Sholihun, S.Si., M.Sc.,	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
45	Sholihun, S.Si., M.Sc.,	Evaluation of GPM IMERG Products for Extreme Precipitation over Indonesia (Journal of Physics: Conference Series, Vol.2309, 2022, No.1, p.012008)	3	56578598700	43387
46	Wiwit Suryanto, S.Si., M.Si., Dr.rer.nat.	Study comparison physical properties and minerals analysis of rock magnetic in Lawu Volcanic Complex (Journal of Physics: Conference Series, Vol. 2498, 2023, No. 1, p.012033)	1	55872506000	5973144
47	Wiwit Suryanto, S.Si., M.Si., Dr.rer.nat.	Crustal Structure and Ascent of Fluids and Melts Beneath Merapi: Insights From Geophysical Investigations (Active Volcanoes of the World, 2023, p.111 - 135)	4	55872506000	5973144
48	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
49	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
50	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

51	Yusril Yusuf, S.Si., M.Er	Characteristics of Bioceramic Hydroxyapatite Based on Sand Lobster Shells (<i>Panulirus homarus</i>) as Sources of Calcium with Optimal Calcination Temperature (Materials Science Forum Vol. 1090, 2023, 39-44)	1	55908037500	21484
52	Yusril Yusuf, S.Si., M.Er	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
53	Yusril Yusuf, S.Si., M.Er	Biopolymer-based polycaprolactone-hydroxyapatite scaffolds for bone tissue engineering (International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, p.1-10)	6	55908037500	21484
54	Yusril Yusuf, S.Si., M.Er	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
55	Yusril Yusuf, S.Si., M.Er	Dual functional carbonate-hydroxyapatite nanocomposite from <i>Pinctada maxima</i> and egg-white for bone tissue engineering (Journal of Biomaterials Science, Polymer Edition, Vol. 33, 2022, No. 8, p.1043-1062)	1	55908037500	21484