

Ahmad Taufiq

List of Publications by Year in descending order

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195
papers

1,482
citations

471477

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501174

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g-index

196
all docs

196
docs citations

196
times ranked

1022
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of CIGS-based solar cells manufacturing by structural engineering. Solar Energy, 2020, 207, 1146-1157.	6.1	106
2	Neutrophil Function in Localized Juvenile Periodontitis: Phagocytosis, Superoxide Production and Specific Granule Release. Journal of Periodontology, 1986, 57, 703-708.	3.4	86
3	Nanoscale Clustering and Magnetic Properties of Mn x Fe ₃ O ₄ Particles Prepared from Natural Magnetite. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2855-2863.	1.8	58
4	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. Heliyon, 2020, 6, e03784.	3.2	47
5	Shockley's Equation Fit Analyses for Solar Cell Parameters from I-V Curves. International Journal of Photoenergy, 2018, 2018, 1-7.	2.5	37
6	Synthesis and Characterization of Fe ₃ O ₄ /SiO ₂ nanocomposites. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012046.	0.3	36
7	Various Magnetic Properties of Magnetite Nanoparticles Synthesized from Iron-Sands by Coprecipitation Method at Room Temperature. Materials Science Forum, 0, 827, 229-234.	0.3	35
8	Studies on Nanostructure and Magnetic Behaviors of Mn-Doped Black Iron Oxide Magnetic Fluids Synthesized from Iron Sand. Nano, 2017, 12, 1750110.	1.0	35
9	Effect of Growth Time on the Characteristics of ZnO Nanorods. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012050.	0.6	31
10	Nano-Structural Studies on Fe ₃ O ₄ Particles Dispersing in a Magnetic Fluid Using X-Ray Diffractometry and Small-Angle Neutron Scattering. Materials Science Forum, 0, 827, 213-218.	0.3	30
11	Synthesis of Fe ₃ O ₄ /Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	3.2	30
12	Small-Angle X-Ray Scattering Study on PVA/Fe ₃ O ₄ Magnetic Hydrogels. Nano, 2016, 11, 1650027.	1.0	27
13	Preparation of MWCNT-Fe ₃ O ₄ Nanocomposites from Iron Sand Using Sonochemical Route. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012013.	0.6	23
14	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. Scanning, 2018, 2018, 1-8.	1.5	22
15	Structure Analysis of Fe ₃ O ₄ @SiO ₂ Core Shells Prepared from Amorphous and Crystalline SiO ₂ Particles. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012010.	0.6	22
16	XRD line-broadening characteristics of M-oxides (M=Mg, Mg-Al, Y, Fe) nanoparticles produced by coprecipitation method. AIP Conference Proceedings, 2010, , .	0.4	20
17	Magneto-elasticity in hydrogels containing Fe ₃ O ₄ nanoparticles and their potential applications. AIP Conference Proceedings, 2013, , .	0.4	20
18	Synthesis, Investigation on Structural and Magnetic Behaviors of Spinel M-Ferrite [M = Fe; Zn; Mn] Nanoparticles from Iron Sand. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012052.	0.6	20

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19	Structural, Optical, and Antifungal Characters of Zinc Oxide Nanoparticles Prepared by Sol-gel Method. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012001.	0.4	20
20	<i>Islamic Crash Course</i> as a Leadership Strategy of School Principals in Strengthening School Organizational Culture. <i>SAGE Open</i> , 2018, 8, 215824401879984.	1.7	20
21	Moderate-Intensity Exercise and Musical Co-Treatment Decreased the Circulating Level of Betatrophin. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-9.	1.5	20
22	The Effect of Annealing Temperature of ZnO Compact Layer and TiO ₂ Mesoporous on Photo-Supercapacitor Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012006.	0.6	19
23	Exploring Structural Properties of Cobalt Ferrite Nanoparticles from Natural Sand. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012047.	0.6	18
24	Comparison on tribological properties of vegetable oil upon addition of carbon based nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012043.	0.6	16
25	Contributions of TMAH Surfactant on Hierarchical Structures of PVA/Fe ₃ O ₄ "TMAH Ferrogels by Using SAXS Instrument. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2206-2212.	3.7	16
26	Preparation of Superparamagnetic Fe ₃ O ₄ Nanoparticles from Iron Sand Mediated by Soft Template and Their Performance as Antibacterial Agent. <i>Journal of Magnetism</i> , 2018, 23, 337-344.	0.4	16
27	Effect of TiO ₂ Nanoparticles on Conductivity and Thermal Stability of PANI-TiO ₂ /Glass Composite Film. <i>Journal of Physics: Conference Series</i> , 2018, 1011, 012065.	0.4	15
28	Performance of Pterocarpus Indicus Willd Leaf Extract as Natural Dye TiO ₂ -Dye/ITO DSSC. <i>Materials Today: Proceedings</i> , 2019, 17, 1268-1276.	1.8	15
29	Microwave absorption performance of barium hexaferrite multi-nanolayers. <i>Materials Express</i> , 2020, 10, 1328-1336.	0.5	15
30	Antibacterial Performance of Fe ₃ O ₄ /PEG-4000 Prepared by Co-precipitation Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 515, 012085.	0.6	14
31	Dependence of PEO content in the preparation of Fe ₃ O ₄ /PEO/TMAH ferrofluids and their antibacterial activity. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	14
32	Fabrication of Magnetite Nanoparticles Dispersed in Olive Oil and Their Structural and Magnetic Investigations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012008.	0.6	13
33	Green Synthesis of Magnetite Nanostructures from Naturally Available Iron Sands via Sonochemical Method. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 311-317.	3.2	13
34	Functional Group and Magnetic Properties of Fe ₃ O ₄ Ferrofluids: The Impact of Dispersion Agent Composition. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012010.	0.4	13
35	Microstructure and dielectric properties of cellulose acetate-ZnO/ITO composite films based on water hyacinth. <i>Journal of Physics: Conference Series</i> , 2017, 853, 012047.	0.4	12
36	Effect of Precursor Concentration Ratio on The Crystal Structure, Morphology, and Band Gap of ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012074.	0.6	12

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37	Fabrication of Mn ₁ Zn Fe ₂ O ₄ ferrofluids from natural sand for magnetic sensors and radar absorbing materials. Heliyon, 2020, 6, e04577.	3.2	12
38	Effects of Various Sintering Conditions on the Structural and Magnetic Properties of Zinc Ferrite (ZnFe ₂ O ₄). Materials Research, 2021, 24, .	1.3	12
39	The Effect of Thickness of ZnO Thin Films on Hydrophobic Self-Cleaning Properties. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012006.	0.6	11
40	The Effect of Growth Temperature on The Characteristics Of ZnO Nanorods And Its Optical Properties. Journal of Physics: Conference Series, 2018, 1057, 012005.	0.4	11
41	The synthesis of Fe ₃ O ₄ /MWCNT nanocomposites from local iron sands for electrochemical sensors. AIP Conference Proceedings, 2018, , .	0.4	11
42	Composites of Fe ₃ O ₄ /SiO ₂ from Natural Material Synthesized by Co-Precipitation Method. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012057.	0.6	10
43	Crystallinity and Electrical Conductivity of PANI-Ag/Ni Film: The Role of Ultrasonic and Silver Doped. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012005.	0.6	10
44	Preparation of Fe ₃ O ₄ /OA/DMSO Ferrofluids using a Double Surfactant System as Antifungal Materials Candidate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012029.	0.6	10
45	The new identity of Indonesian Islamic boarding schools in the "new normal" the education leadership response to COVID-19. Heliyon, 2021, 7, e06549.	3.2	10
46	Analysis of Distribution of Polyvinyl Alcohol Hydrogel Nanocrystalline by using SAXS Synchrotron. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012041.	0.6	9
47	Investigation on the Three-Dimensional Nanostructure and the Optical Properties of Hydroxyapatite/Magnetite Nanocomposites Prepared from Natural Resources. Journal of the Korean Physical Society, 2019, 75, 708-715.	0.7	9
48	The Effect of PANI Fraction on Photo Anode Based on TiO ₂ -PANI /ITO DSSC with β -carotene as Dye Sensitizer on its Structure, Absorbance, and Efficiency. Materials Today: Proceedings, 2019, 17, 1197-1209.	1.8	9
49	Studies on Density, Corrosion Rate and Hardness Characteristics of Stainless Steel Implanted by Nitrogen Ion. IOP Conference Series: Materials Science and Engineering, 0, 515, 012018.	0.6	9
50	Synthesis and characterization of TiO ₂ /ZnO-Ag@TiO ₂ nanocomposite and their performance as photoanode of organic Dye-Sensitized Solar Cell. Materials Today: Proceedings, 2021, 44, 3395-3399.	1.8	9
51	Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012020.	0.4	8
52	Phase Transition of SiO ₂ Nanoparticles Prepared from Natural Sand: The Calcination Temperature Effect. Journal of Physics: Conference Series, 2018, 1093, 012025.	0.4	8
53	Synthesis and Characterization of ZnO Nanorods by Hydrothermal Methods and Its Application on Perovskite Solar Cells. Journal of Physics: Conference Series, 2018, 1093, 012012.	0.4	8
54	Preparation and Characterization of Magnetite Nanoparticles Combined with Polyaniline and Activated Carbon. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012041.	0.3	8

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55	Phase and Magnetic Properties of Fe ₃ O ₄ /SiO ₂ Natural Materials-Based Using Polyethylene Glycol Media. IOP Conference Series: Materials Science and Engineering, 0, 515, 012017.	0.6	8
56	Excellent antimicrobial performance of co-doped magnetite double-layered ferrofluids fabricated from natural sand. Journal of King Saud University - Science, 2020, 32, 3032-3038.	3.5	8
57	Effect of ZnO and Annealing on the Hydrophobic Performance of x(ZnO)-CA-PLA. Journal of Physics: Conference Series, 2018, 1093, 012003.	0.4	7
58	<i>Moringa oleifera</i> Leaf Powder Madura Variety: Characterization and Biomaterials Property for Biomedical and Nanotechnology Application. Journal of Physics: Conference Series, 2018, 1093, 012007.	0.4	7
59	Nanostructure, Band Gap, and Antibacterial Activity of Spinel Fe ₂ MO ₄ /OO Magnetic Fluids. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012064.	0.3	7
60	Investigation of structural, magnetic and antibacterial activities of Cr _x Fe _{3-3x} O ₄ ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72.	0.9	7
61	Preparation and Characterization of Magnetite/PEG Nanoparticles Combined with Curcumin for Drug Delivery Application. Key Engineering Materials, 2020, 855, 299-307.	0.4	7
62	Magneto-thermal behavior of Mn _x Fe _{3-x} O ₄ -PVA/PVP magnetic hydrogel and its potential application. AIP Conference Proceedings, 2020, . .	0.4	7
63	Study of Nanostructural, Electrical, and Optical Properties of Mn _{0.6} Fe _{2.4} O ₄ “PEG/PVP/PVA Ferrogels for Optoelectronic Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4278-4288.	3.7	7
64	Green synthesis of CrFe ₂ O ₄ nanoparticles using Cucumis sativus as a natural surfactant. Materials Today: Proceedings, 2021, 44, 3221-3224.	1.8	7
65	Excellent Antimicrobial Activity of Fe ₃ O ₄ /SiO ₂ /Ag Nanocomposites. Nano, 2021, 16, 2150049.	1.0	7
66	Novel Magnetically Interconnected Micro/Macroporous Structure of Monolithic Porous Carbon Adsorbent Derived from Sodium Alginate and Wasted Black Liquor and Its Adsorption Performance**. Journal of Renewable Materials, 2021, 9, 1059-1074.	2.2	7
67	Effects of DMSO Content on the Optical Properties, Liquid Stability, and Antimicrobial Activity of Fe ₃ O ₄ /OA/DMSO Ferrofluids. Nano, 2020, 15, 2050067.	1.0	7
68	Effect of Fe ₃ O ₄ on the Electro-Optic and Magneto-Electric Characteristics of (PANI/Fe ₃ O ₄ -Ag Film. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012062.	0.6	6
69	The effect of Mn doping on nano structure and magnetic properties of Mn _x Fe _{3-x} O ₄ -PEG/PVP/PVA based ferrogel. Journal of Polymer Research, 2020, 27, 1.	2.4	6
70	Investigation of magnetic properties and anti-microbial activity of Mn _{0.25} Fe _{2.75} O ₄ /Ag composites. AIP Conference Proceedings, 2020, . .	0.4	6
71	The effect of Mn ₂ O ₃ nanoparticles on its specific capacitance of symmetric supercapacitors FC-ZnO-x(Mn ₂ O ₃). Materials Today: Proceedings, 2021, 44, 3355-3360.	1.8	6
72	Fabrication of New Fe ₃ O ₄ /PVA/(C ₆ H ₇ O ₆ Na) _n Nanohybrid Ferrogels for Antibacterial Applications. Materials Research, 2021, 24, .	1.3	6

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73	Acute Interval and Continuous Moderate Intensity Exercise Enhanced Circadian Thermogenic Activity through Browning related Genes in Obese Adolescent Female. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 566-581.	0.8	6
74	Natural Silica Sand/Alumina Ceramic Composites: Promising Candidates for Fuel-Cell Sealants. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012060.	0.6	5
75	Effectivity of Black Tea Polyphenol in Adipogenesis Related IGF-1 and Its Receptor Pathway Through In Silico Based Study. Journal of Physics: Conference Series, 2018, 1093, 012037.	0.4	5
76	Development of PVA/Fe ₃ O ₄ as Smart Magnetic Hydrogels for Biomedical Applications. , 2018, , .		5
77	Structural Characterization of Ni/ZrO ₂ /SiO ₂ Nanocomposites Prepared by Wet Impregnation Route. IOP Conference Series: Materials Science and Engineering, 0, 515, 012014.	0.6	5
78	Identification of Nanostructural and Specific Absorption Rate (SAR) on Mn _{0.25} Fe _{2.75} O ₄ /Ag Nanoparticle Composites. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012062.	0.3	5
79	Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012081.	0.6	5
80	Low-Temperature Synthesis of δ -SiC (6H-SiC) Nanoparticles with Magnesium Catalyst. Materials Today: Proceedings, 2019, 17, 1451-1457.	1.8	5
81	Effects of ZnO nanoparticles on the antifungal performance of Fe ₃ O ₄ /ZnO nanocomposites prepared from natural sand. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 045004.	1.5	5
82	Preparation of Superparamagnetic Zn _{0.5} Mn _{0.5} Fe ₂ O ₄ Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012024.	0.6	4
83	Optical Properties of Fe ₃ O ₄ Magnetic Fluid from Iron Sand. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012054.	0.6	4
84	The Growth of ZnO Nanorods on Stainless-steel foils and Its Application for Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012004.	0.4	4
85	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012024.	0.4	4
86	Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012025.	0.6	4
87	Deformation of Ferrogel Based on Carboxyl Methyl Cellulose (CMC)/Polyvinyl Alcohol (PVA) Hydrogel. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012016.	0.6	4
88	Identification of high school studentsâ€™ problem-solving skills on rotational dynamics. Journal of Physics: Conference Series, 2019, 1171, 012028.	0.4	4
89	Complex Permittivity, Permeability and Microwave Absorption Studies of Double Layer Magnetic Absorbers Based on BaFe ₁₂ O ₁₉ and BaFe ₁₀ CoZnO ₁₉ . Materials Science Forum, 2019, 966, 302-307.	0.3	4
90	Enhanced Microwave Absorbing Capabilities of Multilayer Absorbers Based on BaFe ₁₂ O ₁₉ and Fe ₃ O ₄ . Materials Science Forum, 2019, 966, 338-343.	0.3	4

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91	Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. <i>Materials Today: Proceedings</i> , 2019, 17, 1728-1735.	1.8	4
92	Contribution of ZnO/TiO ₂ nanocomposite particles towards bacterial growth inhibition. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	4
93	The influence of iron- and copper- doped of PANi thin film on their structure and dielectric properties. , 2012, , .		3
94	Spinel-Structured Nanoparticles for Magnetic and Mechanical Applications. , 0, , .		3
95	The Attenuation of Physical-Physiological Stresses through Musical-High Intensity Exercise Co-Treatment in Non-Athlete Individual. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012026.	0.4	3
96	Synthesis and Characterization of $\text{Al}^{3+}/\text{SiO}_2$ Composite Materials. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012015.	0.4	3
97	Growth of $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite on Stainless Steel Substrate Layered by ZnO Nanoparticles Using One-Step Spin Coating Route. <i>Journal of Physics: Conference Series</i> , 2018, 1011, 012011.	0.4	3
98	Nanostructure Analysis for Microwave Absorption Properties of Fe ₃ O ₄ Particles by Symmetry Top Rotational Molecular Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 367, 012009.	0.6	3
99	Investigation of Structural and Antifungal Behaviors of Nano-Sized Anatase Titanium Dioxide Synthesized by Co-Precipitation Route. <i>Materials Science Forum</i> , 2019, 966, 181-188.	0.3	3
100	Structural Characterizations of Magnetite/Zinc Oxide Nanocomposites Prepared by Co-precipitation Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 515, 012076.	0.6	3
101	Magnetocapacitance of FC-ATiO ₃ (A = Ba, Ca, Sr) for supercapacitor electrode. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
102	The effect of Zn doping on thermal properties and antimicrobial of Zn _x Fe _{2-x} O ₃ nanoparticles. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
103	Preparation of Fe ₃ O ₄ /MWCNT nanocomposite combined with titanium dioxide using sonochemical and precipitation methods. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
104	Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
105	Magnetic field detection using fiber bundle and magnetic fluid as sensors. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 975-979.	1.4	3
106	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO ₂ /Fe ₃ O ₄ Nanocomposites Manufactured from Natural Sand. <i>Nano</i> , 2021, 16, 2150017.	1.0	3
107	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. <i>Polymer Bulletin</i> , 2022, 79, 555-568.	3.3	3
108	The influence of light intensity on the performance of FTO/TiO ₂ -ZnO- β -carotene-quercetin/carbon/Al/PVDF-BaTiO ₃ /Al photosupercapacitors. <i>Materials Today: Proceedings</i> , 2021, 44, 3390-3394.	1.8	3

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109	Preparation of molecular sieve from natural pyrophyllite and characterization of its Al/Si ratio, crystal structure, and Porosity. Journal of Physics: Conference Series, 2017, 853, 012037.	0.4	2
110	Preparation and Structural Characterization of Nanosized PVA/Fe ₃ O ₄ Fibers. Journal of Physics: Conference Series, 2018, 1093, 012040.	0.4	2
111	Electrospinning \hat{I}^2 -SiC fibers from SiC nanoparticles dispersed in various polymer solutions as the electrospinning agents. Journal of Physics: Conference Series, 2018, 1011, 012013.	0.4	2
112	Nanostructural Characters of \hat{I}^2 -SiC Nanoparticles Prepared from Indonesian Natural Resource using Sonochemical Method. Journal of Physics: Conference Series, 2018, 1011, 012066.	0.4	2
113	Preparation, Structural and Dielectric Behaviors of CoxMn1-xMn2O4 (0 \hat{a} % \hat{x} \hat{a} % 1) Nanoparticles. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012050.	0.6	2
114	The Characterization of Green Materials of Moringa oleifera Leaf Powder (MOLP) from Madura Island with Different Preparation Methods. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012005.	0.3	2
115	Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. Materials Today: Proceedings, 2019, 17, 1720-1727.	1.8	2
116	Effect of Immersion Cycle on Photoelectrochemical Properties of Cu2O Thin Films on Stainless Steel Substrate Prepared by Chemical Bath Deposition Method. Materials Today: Proceedings, 2019, 13, 193-198.	1.8	2
117	Sonochemical-Assisted Coprecipitation Synthesis of Body-Centered Tetragonal Mn3O4 Spinel Nanostructures Using Polyethylene Glycol Template Agent. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012058.	0.3	2
118	The Influence of Alternating Magnetic Field Frequency on Magneto-Thermal Behavior of Mn0.25Fe2.75O4@PANI Material. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012035.	0.6	2
119	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe ₃ O ₄ /ZnO core-shell nanocomposite. Molecular Crystals and Liquid Crystals, 2019, 694, 49-59.	0.9	2
120	Green synthesis of Fe3O4 nanoparticles based on biosurfactant Saccharum officinarum extract. AIP Conference Proceedings, 2020, , .	0.4	2
121	Adsorption Properties of Magnetic Sorbent Mn _{0.25} Fe _{2.75} O ₄ @SiO ₂ for Mercury Removal. Key Engineering Materials, 0, 851, 197-204.		2
122	Effect of Polyaniline on Structural and Optical Characteristics of Fe ₃ O ₄ and TiO ₂ Nanoparticles. Key Engineering Materials, 0, 851, 9-15.	0.4	2
123	Graphene from glucose coated silica sand for water purification applications. AIP Conference Proceedings, 2020, , .	0.4	2
124	Exploring magnetic properties and antimicrobial activities of Co _{0.4} Fe _{2.6} O ₄ ferrofluids using olive oil as dispersant agent. AIP Conference Proceedings, 2020, , .	0.4	2
125	The analysis of students'™ problem-solving ability in the 5E learning cycle with formative e-assessment. AIP Conference Proceedings, 2020, , .	0.4	2
126	Facile synthesis of \hat{I}^{\pm} -Fe2O3/TiO2 multiphase nanohybrid particles from local iron sand as antifungal agent. AIP Conference Proceedings, 2020, , .	0.4	2

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127	Application of teaching materials based on 7E-STEM learning cycle to improve student's problem solving skills. AIP Conference Proceedings, 2020, , .	0.4	2
128	Synthesis and characterization of CIGS ink by hot injection method. AIP Conference Proceedings, 2020, , .	0.4	2
129	Optical properties of Fe _{2.15} Zn _{0.85} O ₄ -PEG/CMC/PVA ferrogel. AIP Conference Proceedings, 2020, , .	0.4	2
130	Synthesis of magnetic fluid based on local iron sand using natural surfactants and their potential as hyperthermia therapy. AIP Conference Proceedings, 2021, , .	0.4	2
131	Hierarchical Structure and Magnetic Behavior of Zn-Doped Magnetite Aqueous Ferrofluids Prepared from Natural Sand for Antibacterial Agents. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200774.	0.8	2
132	Characterization of Fe ₃ O ₄ /rGO Composites from Natural Sources: Application for Dyes Color Degradation in Aqueous Solution. International Journal of Engineering, Transactions A: Basics, 2020, 33, .	0.4	2
133	A Study on Phase and Microstructure of Reduced Graphene Oxide Prepared by Heating Corncobs. JPSE (Journal of Physical Science and Engineering), 2020, 5, 66-70.	0.2	2
134	Influence of External Magnetic Field on Potential Differences of Long Josephson Junction. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012091.	0.6	1
135	The Role of Fe ₂ O ₃ and Light Induced on Dielectric Properties of Borosilicate Glass. Journal of Physics: Conference Series, 2017, 846, 012007.	0.4	1
136	Optimization of Freezing-Thawing Process in Enhancing Magnetic Properties of Fe ₃ O ₄ /PAA/PVA Magnetic Hydrogel Composites. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012007.	0.6	1
137	Crystalline Phase Analysis and Thermal Expansion Coefficient Calculation of Quartz-Sand/Corundum Composites. Journal of Physics: Conference Series, 2018, 1093, 012041.	0.4	1
138	Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn _{0.25} Fe _{2.75} O ₄ -PEG 6000 Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012005.	0.4	1
139	Distribution of Silver (Ag) Nanoparticle in PVA/Ag Nanofiber Fabricated by Electrospinning Method. Journal of Physics: Conference Series, 2018, 1093, 012045.	0.4	1
140	Nanopowder and Magnetic Fluid Synthesis of Zn _{0.2} Fe _{2.8} O ₄ Particles and Their Structural and Magnetic Behaviors. Journal of Physics: Conference Series, 2018, 1091, 012030.	0.4	1
141	A Preliminary Study on the Thermo-optics Characteristics of Chromium Ferrite Ferrofluids. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012087.	0.6	1
142	The Impact of Growth Temperature on Nanorod Morphology and Optical Properties for CH ₃ NH ₃ PbI ₃ Perovskite Solar Cell Device Application. Materials Today: Proceedings, 2019, 17, 1627-1636.	1.8	1
143	Synthesis, Structural and Toxicity Characters of Nano-sized Titanium Dioxide/Magnetite Nanoparticles. IOP Conference Series: Materials Science and Engineering, 0, 515, 012057.	0.6	1
144	Study on Structural Characters of Nano-sized Hydroxyapatite Prepared from Limestone. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012020.	0.6	1

#	ARTICLE	IF	CITATIONS
145	Protein-Based Biomaterial Marker in Metabolic Syndrome and Colorectal Cancer: A Preliminary Clinical Study of Betatrophin Expression in Javanese Ethnic. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012054.	0.6	1
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