

Ahmad Taufiq

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155
papers

774
citations

13
h-index

21
g-index

196
ext. papers

1,066
ext. citations

0.9
avg, IF

4.26
L-index

#	Paper	IF	Citations
155	Neutrophil function in localized juvenile periodontitis. Phagocytosis, superoxide production and specific granule release. <i>Journal of Periodontology</i> , 1986 , 57, 703-8	4.6	76
154	Nanoscale Clustering and Magnetic Properties of Mn x Fe ₃ O ₄ Particles Prepared from Natural Magnetite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 2855-2863	1.5	47
153	Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , 2020 , 207, 1146-1157	4.857	47
152	Studies on Nanostructure and Magnetic Behaviors of Mn-Doped Black Iron Oxide Magnetic Fluids Synthesized from Iron Sand. <i>Nano</i> , 2017 , 12, 1750110	1.1	27
151	Various Magnetic Properties of Magnetite Nanoparticles Synthesized from Iron-Sands by Coprecipitation Method at Room Temperature. <i>Materials Science Forum</i> , 2015 , 827, 229-234	0.4	27
150	Small-Angle X-Ray Scattering Study on PVA/Fe ₃ O ₄ Magnetic Hydrogels. <i>Nano</i> , 2016 , 11, 1650027	1.1	25
149	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. <i>Heliyon</i> , 2020 , 6, e03784	3.6	21
148	Nano-Structural Studies on Fe ₃ O ₄ Particles Dispersing in a Magnetic Fluid Using X-Ray Diffractometry and Small-Angle Neutron Scattering. <i>Materials Science Forum</i> , 2015 , 827, 213-218	0.4	21
147	Structure Analysis of Fe ₃ O ₄ @SiO ₂ Core Shells Prepared from Amorphous and Crystalline SiO ₂ Particles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012010	0.4	17
146	Effect of Growth Time on the Characteristics of ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012050	0.4	17
145	Magneto-elasticity in hydrogels containing Fe ₃ O ₄ nanoparticles and their potential applications 2013 ,		17
144	Shockley Equation Fit Analyses for Solar Cell Parameters from I-V Curves. <i>International Journal of Photoenergy</i> , 2018 , 2018, 1-7	2.1	17
143	XRD line-broadening characteristics of M-oxides (M = Mg, Mg-Al, Y, Fe) nanoparticles produced by coprecipitation method 2010 ,		16
142	Synthesis and Characterization of Fe ₃ O ₄ /SiO ₂ nanocomposites. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012046	0.3	13
141	Preparation of MWCNT-Fe ₃ O ₄ Nanocomposites from Iron Sand Using Sonochemical Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012013	0.4	13
140	Synthesis, Investigation on Structural and Magnetic Behaviors of Spinel M-Ferrite [M = Fe; Zn; Mn] Nanoparticles from Iron Sand. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012052	0.4	11
139	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. <i>Scanning</i> , 2018 , 2018, 6545803	1.6	11

138	The Effect of Growth Temperature on The Characteristics Of ZnO Nanorods And Its Optical Properties. <i>Journal of Physics: Conference Series</i> , 2018 , 1057, 012005	0.3	10
137	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> , 2019 , 515, 012006	0.4	9
136	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	5.1	9
135	The synthesis of Fe ₃ O ₄ /MWCNT nanocomposites from local iron sands for electrochemical sensors 2018 ,		9
134	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	3.2	9
133	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	0.4	9
132	Performance of Pterocarpus Indicus Willd Leaf Extract as Natural Dye TiO ₂ -Dye/ITO DSSC. <i>Materials Today: Proceedings</i> , 2019 , 17, 1268-1276	1.4	8
131	Synthesis of FeO/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. <i>Heliyon</i> , 2020 , 6, e05813	3.6	8
130	Structural, Optical, and Antifungal Characters of Zinc Oxide Nanoparticles Prepared by Sol-gel Method. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012001	0.3	8
129	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	0.3	8
128	The Effect of Thickness of ZnO Thin Films on Hydrophobic Self-Cleaning Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012006	0.4	7
127	Investigation of structural, magnetic and antibacterial activities of Cr _x Fe _{3-x} O ₄ ferrofluids. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 694, 60-72	0.5	7
126	Effects of Various Sintering Conditions on the Structural and Magnetic Properties of Zinc Ferrite (ZnFe ₂ O ₄). <i>Materials Research</i> , 2021 , 24,	1.5	7
125	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	0.3	7
124	Moderate-Intensity Exercise and Musical Co-Treatment Decreased the Circulating Level of Betatrophin. <i>International Journal of Endocrinology</i> , 2020 , 2020, 1-9	2.7	6
123	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	0.4	6
122	Composites of Fe ₃ O ₄ /SiO ₂ from Natural Material Synthesized by Co-Precipitation Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012057	0.4	6
121	Excellent antimicrobial performance of co-doped magnetite double-layered ferrofluids fabricated from natural sand. <i>Journal of King Saud University - Science</i> , 2020 , 32, 3032-3038	3.6	6

120	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	2.7	6
119	Islamic Crash Course as a Leadership Strategy of School Principals in Strengthening School Organizational Culture. <i>SAGE Open</i> , 2018 , 8, 215824401879984	1.5	6
118	Studies on Density, Corrosion Rate and Hardness Characteristics of Stainless Steel Implanted by Nitrogen Ion. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012018	0.4	5
117	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	0.3	5
116	Crystallinity and Electrical Conductivity of PANI-Ag/Ni Film: The Role of Ultrasonic and Silver Doped. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012005	0.4	5
115	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	1.9	5
114	Phase and Magnetic Properties of Fe ₃ O ₄ /SiO ₂ Natural Materials-Based Using Polyethylene Glycol Media. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012017	0.4	5
113	Preparation of Fe ₃ O ₄ /OA/DMSO Ferrofluids using a Double Surfactant System as Antifungal Materials Candidate. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012029	0.4	5
112	Effect of ZnO and Annealing on the Hydrophobic Performance of x(ZnO)-CA-PLA. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012003	0.3	5
111	Synthesis and Characterization of ZnO Nanorods by Hydrothermal Methods and Its Application on Perovskite Solar Cells. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012012	0.3	5
110	Analysis of Distribution of Polyvinyl Alcohol Hydrogel Nanocrystalline by using SAXS Synchrotron. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012041	0.4	4
109	Nanostructure, Band Gap, and Antibacterial Activity of Spinel Fe ₂ MO ₄ /OO Magnetic Fluids. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012064	0.3	4
108	Antibacterial Performance of Fe ₃ O ₄ /PEG-4000 Prepared by Co-precipitation Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012085	0.4	4
107	Magneto-thermal behavior of Mn _x Fe _{3-x} O ₄ -PVA/PVP magnetic hydrogel and its potential application 2020 ,		4
106	Complex Permittivity, Permeability and Microwave Absorption Studies of Double Layer Magnetic Absorbers Based on BaFe ₁₂ O ₁₉ and BaFe ₁₀ CoZnO ₁₉ . <i>Materials Science Forum</i> , 2019 , 966, 302-307	0.4	4
105	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	0.4	4
104	Optical Properties of Fe ₃ O ₄ Magnetic Fluid from Iron Sand. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012054	0.4	4
103	Effects of DMSO Content on the Optical Properties, Liquid Stability, and Antimicrobial Activity of Fe ₃ O ₄ /OA/DMSO Ferrofluids. <i>Nano</i> , 2020 , 15, 2050067	1.1	4

102	Microwave absorption performance of barium hexaferrite multi-nanolayers. <i>Materials Express</i> , 2020 , 10, 1328-1336	1.3	4
101	Phase Transition of SiO ₂ Nanoparticles Prepared from Natural Sand: The Calcination Temperature Effect. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012025	0.3	4
100	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. <i>Materials Today: Proceedings</i> , 2019 , 17, 1197-1209	1.4	3
99	Exploring Structural Properties of Cobalt Ferrite Nanoparticles from Natural Sand. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012047	0.4	3
98	Development of PVA/Fe ₃ O ₄ as Smart Magnetic Hydrogels for Biomedical Applications 2018 ,		3
97	Deformation of Ferrogel Based on Carboxyl Methyl Cellulose (CMC)/Polyvinyl Alcohol (PVA) Hydrogel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012016	0.4	3
96	Enhanced Microwave Absorbing Capabilities of Multilayer Absorbers Based on BaFe ₁₂ O ₁₉ and Fe ₃ O ₄ . <i>Materials Science Forum</i> , 2019 , 966, 338-343	0.4	3
95	Investigation on the Three-Dimensional Nanostructure and the Optical Properties of Hydroxyapatite/Magnetite Nanocomposites Prepared from Natural Resources. <i>Journal of the Korean Physical Society</i> , 2019 , 75, 708-715	0.6	3
94	Natural Silica Sand/Alumina Ceramic Composites: Promising Candidates for Fuel-Cell Sealants. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012060	0.4	3
93	The influence of iron- and copper- doped of PANi thin film on their structure and dielectric properties 2012 ,		3
92	Excellent Antimicrobial Activity of Fe ₃ O ₄ /SiO ₂ /Ag Nanocomposites. <i>Nano</i> , 2021 , 16, 2150049	1.1	3
91	Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012020	0.3	3
90	Moringa oleifera Leaf Powder Madura Variety: Characterization and Biomaterials Property for Biomedical and Nanotechnology Application. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012007	0.3	3
89	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	0.4	2
88	Low-Temperature Synthesis of 6H-SiC Nanoparticles with Magnesium Catalyst. <i>Materials Today: Proceedings</i> , 2019 , 17, 1451-1457	1.4	2
87	Preparation and Characterization of Magnetite Nanoparticles Combined with Polyaniline and Activated Carbon. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012041	0.3	2
86	The Influence of Alternating Magnetic Field Frequency on Magneto-Thermal Behavior of Mn _{0.25} Fe _{2.75} O ₄ @PANI Material. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012035	0.4	2
85	Facile synthesis of Fe ₂ O ₃ /TiO ₂ multiphase nanohybrid particles from local iron sand as antifungal agent 2020 ,		2

84	Study of Nanostructural, Electrical, and Optical Properties of Mn _{0.6} Fe _{2.4} O ₄ /PEG/PVP/PVA Ferrogels for Optoelectronic Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 4278-4288	3.2	2
83	Spinel-Structured Nanoparticles for Magnetic and Mechanical Applications 2017 ,		2
82	Preparation, Structural and Dielectric Behaviors of Co _x Mn _{1-x} Mn ₂ O ₄ (0 ≤ x ≤ 1) Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012050	0.4	2
81	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	0.4	2
80	Identification of high school students' problem-solving skills on rotational dynamics. <i>Journal of Physics: Conference Series</i> , 2019 , 1171, 012028	0.3	2
79	Structural Characterization of Ni/ZrO ₂ /SiO ₂ Nanocomposites Prepared by Wet Impregnation Route. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012014	0.4	2
78	Identification of Nanostructural and Specific Absorption Rate (SAR) on Mn _{0.25} Fe _{2.75} O ₄ /Ag Nanoparticle Composites. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012062	0.3	2
77	Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012081	0.4	2
76	Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. <i>Materials Today: Proceedings</i> , 2019 , 17, 1728-1735	1.4	2
75	Effects of ZnO nanoparticles on the antifungal performance of Fe ₃ O ₄ /ZnO nanocomposites prepared from natural sand. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020 , 11, 045004	1.6	2
74	Preparation and Characterization of Magnetite/PEG Nanoparticles Combined with Curcumin for Drug Delivery Application. <i>Key Engineering Materials</i> , 2020 , 855, 299-307	0.4	2
73	Fabrication of Mn Zn FeO ferrofluids from natural sand for magnetic sensors and radar absorbing materials. <i>Heliyon</i> , 2020 , 6, e04577	3.6	2
72	Adsorption Properties of Magnetic Sorbent Mn _{0.25} Fe _{2.75} O ₄ @SiO ₂ for Mercury Removal. <i>Key Engineering Materials</i> , 2020 , 851, 197-204	0.4	2
71	Investigation of magnetic properties and anti-microbial activity of Mn _{0.25} Fe _{2.75} O ₄ /Ag composites 2020 ,		2
70	Synthesis and characterization of TiO ₂ /ZnO-Ag@TiO ₂ nanocomposite and their performance as photoanode of organic Dye-Sensitized Solar Cell. <i>Materials Today: Proceedings</i> , 2021 , 44, 3395-3399	1.4	2
69	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	0.3	2
68	Synthesis and Characterization of Al ₂ O ₃ /SiO ₂ Composite Materials. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012015	0.3	2
67	The Growth of ZnO Nanorods on Stainless-steel foils and Its Application for Piezoelectric Nanogenerator. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012004	0.3	2

66	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012024	0.3	2
65	Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012025	0.4	2
64	Preparation of molecular sieve from natural pyrophyllite and characterization of its Al/Si ratio, crystal structure, and Porosity. <i>Journal of Physics: Conference Series</i> , 2017 , 853, 012037	0.3	1
63	Effect of Immersion Cycle on Photoelectrochemical Properties of Cu ₂ O Thin Films on Stainless Steel Substrate Prepared by Chemical Bath Deposition Method. <i>Materials Today: Proceedings</i> , 2019 , 13, 193-198	1.4	1
62	Sonochemical-Assisted Coprecipitation Synthesis of Body-Centered Tetragonal Mn ₃ O ₄ Spinel Nanostructures Using Polyethylene Glycol Template Agent. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012058	0.3	1
61	Structural Characterizations of Magnetite/Zinc Oxide Nanocomposites Prepared by Co-precipitation Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012076	0.4	1
60	The analysis of students' problem-solving ability in the 5E learning cycle with formative e-assessment 2020 ,		1
59	Application of teaching materials based on 7E-STEM learning cycle to improve students' problem solving skills 2020 ,		1
58	Synthesis and characterization of CIGS ink by hot injection method 2020 ,		1
57	Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide 2020 ,		1
56	The Role of Fe ₂ O ₃ and Light Induced on Dielectric Properties of Borosilicate Glass. <i>Journal of Physics: Conference Series</i> , 2017 , 846, 012007	0.3	1
55	Optimalization of Freezing-Thawing Process in Enhancing Magnetic Properties of Fe ₃ O ₄ /PAA/PVA Magnetic Hydrogel Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012007	0.4	1
54	A Preliminary Study on the Thermo-optics Characteristics of Chromium Ferrite Ferrofluids. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012087	0.4	1
53	The Characterization of Green Materials of Moringa oleifera Leaf Powder (MOLP) from Madura Island with Different Preparation Methods. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012005	0.3	1
52	Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. <i>Materials Today: Proceedings</i> , 2019 , 17, 1720-1727	1.4	1
51	The Impact of Growth Temperature on Nanorod Morphology and Optical Properties for CH ₃ NH ₃ PbI ₃ Perovskite Solar Cell Device Application. <i>Materials Today: Proceedings</i> , 2019 , 17, 1627-1636	1.4	1
50	Preparation of Superparamagnetic Zn _{0.5} Mn _{0.5} Fe ₂ O ₄ Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012024	0.4	1
49	Effect of Fe ₃ O ₄ on the Electro-Optic and Magneto-Electric Characteristics of (PANI/Fe ₃ O ₄)-Ag Film. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012062	0.4	1

48	Hierarchical Structure and Magnetic Behavior of Zn-Doped Magnetite Aqueous Ferrofluids Prepared from Natural Sand for Antibacterial Agents. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20200774	1.4	1
47	The effect of Mn doping on nano structure and magnetic properties of $Mn_xFe_{3-x}O_4$ -PEG/PVP/PVA based ferrogel. <i>Journal of Polymer Research</i> , 2020 , 27, 1	2.7	1
46	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition 2020 ,		1
45	The effect of Zn doping on thermal properties and antimicrobial of $Zn_xFe_{2-x}O_3$ nanoparticles 2020 ,		1
44	Protein-Based Biomaterial Marker in Metabolic Syndrome and Colorectal Cancer: A Preliminary Clinical Study of Betatrophin Expression in Javanese Ethnic. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012054	0.4	1
43	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe_3O_4/ZnO core-shell nanocomposite. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 694, 49-59 ^{0.5}		1
42	The Enhancement of Compressive Strength of Cement-Based Composite Filled with LDPE/PET/Styrofoam Aggregates as Candidate for Breakwater Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012031	0.4	1
41	Green synthesis of $CrFe_2O_4$ nanoparticles using <i>Cucumis sativus</i> as a natural surfactant. <i>Materials Today: Proceedings</i> , 2021 , 44, 3221-3224	1.4	1
40	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO_2/Fe_3O_4 Nanocomposites Manufactured from Natural Sand. <i>Nano</i> , 2021 , 16, 2150017	1.1	1
39	Effectivity of Black Tea Polyphenol in Adipogenesis Related IGF-1 and Its Receptor Pathway Through In Silico Based Study. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012037	0.3	1
38	Preparation and Structural Characterization of Nanosized PVA/ Fe_3O_4 Fibers. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012040	0.3	1
37	Growth of $CH_3NH_3PbI_3$ 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	0.3	1
36	Nanostructural Characters of β -SiC Nanoparticles Prepared from Indonesian Natural Resource using Sonochemical Method. <i>Journal of Physics: Conference Series</i> , 2018 , 1011, 012066	0.3	1
35	Fabrication of New $Fe_3O_4/PVA/(C_6H_7O_6Na)_n$ Nanohybrid Ferrogels for Antibacterial Applications. <i>Materials Research</i> , 2021 , 24,	1.5	1
34	Novel Magnetically Interconnected Micro/Macroporous Structure of Monolithic Porous Carbon Adsorbent Derived from Sodium Alginate and Wasted Black Liquor and Its Adsorption Performance**. <i>Journal of Renewable Materials</i> , 2021 , 9, 1059-1074	2.4	1
33	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	1.4	1
32	Study on Structural Characters of Nano-sized Hydroxyapatite Prepared from Limestone. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012020	0.4	0
31	Influence of External Magnetic Field on Potential Differences of Long Josephson Junction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012091	0.4	0

30	Effect of Polyaniline on Structural and Optical Characteristics of Fe ₃ O ₄ and TiO ₂ Nanoparticles. <i>Key Engineering Materials</i> , 2020 , 851, 9-15	0.4	o
29	The new identity of Indonesian Islamic boarding schools in the "new normal": the education leadership response to COVID-19. <i>Heliyon</i> , 2021 , 7, e06549	3.6	o
28	Magnetic field detection using fiber bundle and magnetic fluid as sensors. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 975-979	1.2	o
27	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. <i>Polymer Bulletin</i> , 1	2.4	o
26	The effect of Mn ₂ O ₃ nanoparticles on its specific capacitance of symmetric supercapacitors FC-ZnO-x(Mn ₂ O ₃). <i>Materials Today: Proceedings</i> , 2021 , 44, 3355-3360	1.4	o
25	Crystalline Phase Analysis and Thermal Expansion Coefficient Calculation of Quartz-Sand/Corundum Composites. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012041	0.3	o
24	Distribution of Silver (Ag) Nanoparticle in PVA/Ag Nanofiber Fabricated by Electrospinning Method. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012045	0.3	o
23	Nanopowder and Magnetic Fluid Synthesis of Zn _{0.2} Fe _{2.8} O ₄ Particles and Their Structural and Magnetic Behaviors. <i>Journal of Physics: Conference Series</i> , 2018 , 1091, 012030	0.3	o
22	Synthesis and characterization of nanosized titanomagnetite particles. <i>Materials Today: Proceedings</i> , 2021 , 44, 3229-3232	1.4	o
21	Synthesis, Structural and Toxicity Characters of Nano-sized Titanium Dioxide/Magnetite Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012057	0.4	
20	Betatrophin/Lipasin/C19orf80: In Silico Approach for Protein-Based Biomaterial Marker in Metabolic Syndrome and Colorectal Cancer Through Computational-Based Study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012094	0.4	
19	Investigation of Magnetic Properties and Nanostructure of Fe _{2.75} Mn _{0.25} O ₄ @ PANI Materials and their Potential as the Magnetic Ink. <i>Key Engineering Materials</i> , 2020 , 855, 308-314	0.4	
18	Influence of Glass Fiber Nonlinearity and Dispersion on Light propagation in Double Core Optical Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012096	0.4	
17	Effect of NiO and Light Intensity on Dielectric Constant of SiO ₂ -B ₂ O ₃ -Bi ₂ O ₃ -Na ₂ CO ₃ Glass Based on Silica Gel of Natural Sands. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 202, 012058	0.4	
16	Geographically Weighted Regression in Cox Survival Analysis for Weibull Distributed Data with Bayesian Approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 546, 052078	0.4	
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