

Ahmad Taufiq

List of Publications by Year in Descending Order

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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	The early detection of type 1 diabetes mellitus and latent autoimmune diabetes in adults (LADA) through rapid test reverse-flow immunochromatography for glutamic acid decarboxylase 65 kDa (GAD).. <i>Heliyon</i> , 2022 , 8, e08695	3.6	
154	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
153	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	0
152	Excellent Antimicrobial Activity of Fe ₃ O ₄ /SiO ₂ /Ag Nanocomposites. <i>Nano</i> , 2021 , 16, 2150049	1.1	3
151	The role of NMT induction on odontogenic proliferation and differentiation of dental pulp stem cells. <i>Heliyon</i> , 2021 , 7, e06598	3.6	
150	Magnetic field detection using fiber bundle and magnetic fluid as sensors. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 975-979	1.2	0
149	Green synthesis of CrFe ₂ O ₄ nanoparticles using Cucumis sativus as a natural surfactant. <i>Materials Today: Proceedings</i> , 2021 , 44, 3221-3224	1.4	1
148	The functionalization of Mn _{0.25} Fe _{2.75} O ₄ /Ag-CMC/PVA ferrogel as antibacterial agent. <i>Materials Today: Proceedings</i> , 2021 , 44, 3336-3340	1.4	
147	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	1.1	1
146	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
145	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
144	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	0
143	Investigation of nanostructural and magnetic properties of Mn _{0.25} Fe _{2.75} O ₄ /AC nanoparticles. <i>Materials Today: Proceedings</i> , 2021 , 44, 3350-3354	1.4	
142	Fabrication of New Fe ₃ O ₄ /PVA/(C ₆ H ₇ O ₆ Na) _n Nanohybrid Ferrogels for Antibacterial Applications. <i>Materials Research</i> , 2021 , 24,	1.5	1
141	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
140	The influence of light intensity on the performance of FTO/TiO ₂ -ZnO-□ carotene-quercetin/carbon/Al/PVDF-BaTiO ₃ /Al photosupercapacitors. <i>Materials Today: Proceedings</i> , 2021 , 44, 3390-3394	1.4	1
139	Synthesis and characterization of nanosized titanomagnetite particles. <i>Materials Today: Proceedings</i> , 2021 , 44, 3229-3232	1.4	0

138	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	
137	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. <i>Heliyon</i> , 2020 , 6, e03784	3.6	21
136	The analysis of students' problem-solving ability in the 5E learning cycle with formative e-assessment 2020 ,		1
135	Magneto-thermal behavior of Mn _x Fe _{3-x} O ₄ -PVA/PVP magnetic hydrogel and its potential application 2020 ,		4
134	Facile synthesis of Fe ₂ O ₃ /TiO ₂ multiphase nanohybrid particles from local iron sand as antifungal agent 2020 ,		2
133	Application of teaching materials based on 7E-STEM learning cycle to improve student's problem solving skills 2020 ,		1
132	Synthesis and characterization of CIGS ink by hot injection method 2020 ,		1
131	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
130	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
129	Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide 2020 ,		1
128	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
127	Synthesis of FeO/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. <i>Heliyon</i> , 2020 , 6, e05813	3.6	8
126	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
125	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
124	Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , 2020 , 207, 1146-1157	4.857	47
123	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
122	Recyclable Natural Magnetite Nanoparticles for Effective Degradation of Methylene Blue in Water under UV Light Irradiation. <i>Key Engineering Materials</i> , 2020 , 855, 315-321	0.4	
121	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

120	Annealing Temperature Effect of ZnO Seed Layer on Integrated Photosupercapacitor Performance. <i>Key Engineering Materials</i> , 2020 , 851, 16-24	0.4	
119	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
118	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	0
117	Microwave absorption performance of barium hexaferrite multi-nanolayers. <i>Materials Express</i> , 2020 , 10, 1328-1336	1.3	4
116	The effect of Mn doping on nano structure and magnetic properties of Mn _x Fe _{3-x} O ₄ -PEG/PVP/PVA based ferrogel. <i>Journal of Polymer Research</i> , 2020 , 27, 1	2.7	1
115	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition 2020 ,		1
114	The effect of Zn doping on thermal properties and antimicrobial of Zn _x Fe _{2-x} O ₃ nanoparticles 2020 ,		1
113	Investigation of magnetic properties and anti-microbial activity of Mn _{0.25} Fe _{2.75} O ₄ /Ag composites 2020 ,		2
112	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
111	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
110	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
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	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
107	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
106	Low-Temperature Synthesis of 6H-SiC Nanoparticles with Magnesium Catalyst. <i>Materials Today: Proceedings</i> , 2019 , 17, 1451-1457	1.4	2
105	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
104	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
103	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

102	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
101	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
100	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
99	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	
98	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	
97	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
96	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
95	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
94	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
93	Identification of high school students problem-solving skills on rotational dynamics. <i>Journal of Physics: Conference Series</i> , 2019 , 1171, 012028	0.3	2
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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

84	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}	1.4	1
83	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
82	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	
81	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
80	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
79	Crystal Structure Evolution of Magnetite Ferrofluids: Effect of Heating Treatment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012004	0.4	
78	Studies on Surface Morphology of Irreversible Hydrocolloid Impression Material Based on Brown Algae Type <i>Padina</i> sp.. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012025	0.4	
77	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe ₃ O ₄ /ZnO core-shell nanocomposite. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 694, 49-59 ^{0.5}	0.5	1
76	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
75	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
74	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
73	The Effect of Freezing-Thawing Route Number on Magnetic Properties and Nanostructural of Fe ₃ O ₄ / Carboxymethyl Cellulose/Polyvinyl Alcohol Magnetic Hydrogel. <i>Materials Science Forum</i> , 2019 , 966, 344-351	0.4	
72	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
71	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
70	The synthesis of Fe ₃ O ₄ /MWCNT nanocomposites from local iron sands for electrochemical sensors 2018 ,		9
69	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
68	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}	0.4	2
67	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

66	Contributions of TMAH Surfactant on Hierarchical Structures of PVA/Fe ₃ O ₄ //MAH Ferrogels by Using SAXS Instrument. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 2206-2212	3.3	9
65	Development of PVA/Fe ₃ O ₄ as Smart Magnetic Hydrogels for Biomedical Applications 2018 ,		3
64	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
63	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
62	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
61	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	0
60	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
59	Preparation and Structural Characterization of Nanosized PVA/Fe ₃ O ₄ Fibers. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012040	0.3	1
58	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
57	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
56	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
55	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
54	Microstructure, Hardness, and Electrical Conductivity of TiTCP/Zirconia Composites Prepared from Eggshell. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012017	0.4	
53	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
52	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. <i>Scanning</i> , 2018 , 2018, 6545803	1.6	11
51	Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn _{0.25} Fe _{2.75} O ₄ -PEG 6000 Nanoparticles. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012005	0.3	
50	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012024	0.3	2
49	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	0

48	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
47	Preparation of SiC Fibers from Indonesian Natural Resource Prepared by Electrospinning Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 367, 012011	0.4	
46	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
45	Structural, Band Gap Energy, and Magnetic Characters of Fe _{2.9} Cr _{0.1} O ₄ Nanoparticles for Preparing Ferrofluids. <i>Journal of Physics: Conference Series</i> , 2018 , 1091, 012029	0.3	
44	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	0
43	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
42	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
41	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
40	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
39	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
38	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
37	Growth of CH ₃ NH ₃ 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	0.3	1
36	Electrospinning SiC fibers from SiC nanoparticles dispersed in various polymer solutions as the electrospinning agents. <i>Journal of Physics: Conference Series</i> , 2018 , 1011, 012013	0.3	
35	Shockley-Read-Hall Equation Fit Analyses for Solar Cell Parameters from I-V Curves. <i>International Journal of Photoenergy</i> , 2018 , 2018, 1-7	2.1	17
34	Nanostructural Characters of SiC Nanoparticles Prepared from Indonesian Natural Resource using Sonochemical Method. <i>Journal of Physics: Conference Series</i> , 2018 , 1011, 012066	0.3	1
33	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
32	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
31	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

30	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
29	Spinel-Structured Nanoparticles for Magnetic and Mechanical Applications 2017 ,		2
28	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	
27	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, 012056 ^{0.4}	0.4	
26	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
25	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
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	0.4	9
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	Ergonomic Analysis of the Work Condition in Aluminum Crafts Industry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 277, 012018	0.4	

12	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
11	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
10	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
9	Small-Angle X-Ray Scattering Study on PVA/Fe ₃ O ₄ Magnetic Hydrogels. <i>Nano</i> , 2016 , 11, 1650027	1.1	25
8	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
7	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
6	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
5	Magneto-elasticity in hydrogels containing Fe ₃ O ₄ nanoparticles and their potential applications 2013 ,		17
4	The influence of iron- and copper- doped of PANi thin film on their structure and dielectric properties 2012 ,		3
3	XRD line-broadening characteristics of M-oxides (M = Mg, Mg-Al, Y, Fe) nanoparticles produced by coprecipitation method 2010 ,		16
2	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
1	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. <i>Polymer Bulletin</i> ,1	2.4	0