

Nandang Mufti

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132
papers

887
citations

14
h-index

25
g-index

156
ext. papers

1,111
ext. citations

1.5
avg, IF

4.22
L-index

#	Paper	IF	Citations
132	Large coupled magnetoresponses in EuNbO ₂ N. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12570-3	4.3	86
131	Magnetoelectric coupling in MnTiO ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	81
130	Magnetodielectric coupling in frustrated spin systems: the spinels MCr ₂ O ₄ (M = Mn, Co and Ni). <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 075902	1.8	76
129	Review of CIGS-based solar cells manufacturing by structural engineering. <i>Solar Energy</i> , 2020 , 207, 1146-1157	4.857	47
128	One-step synthesis of silica-coated magnetite nanoparticles by electrooxidation of iron in sodium silicate solution. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	39
127	Aurivillius phases of PbBi ₄ Ti ₄ O ₁₅ doped with Mn ³⁺ synthesized by molten salt technique: Structure, dielectric, and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 1318-1323	3.3	28
126	Relaxor ferroelectric behavior in Ca-doped TbMnO ₃ . <i>Physical Review B</i> , 2008 , 78,	3.3	26
125	Magnetodielectric coupling in MnCr ₂ O ₄ spinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1767-1769	2.8	25
124	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. <i>Heliyon</i> , 2020 , 6, e03784	3.6	21
123	Orbital superexchange and crystal field simultaneously at play in YVO ₃ : Resonant inelastic x-ray scattering at the V L edge and the O K edge. <i>Physical Review B</i> , 2013 , 88,	3.3	21
122	Dielectric relaxation in YMnO ₃ single crystals. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 228-232	5.7	18
121	Synthesis and characterization of black, red and yellow nanoparticles pigments from the iron sand 2014 ,		18
120	Magnetodielectric coupling by exchange striction in Y ₂ Cu ₂ O ₅ . <i>European Physical Journal B</i> , 2009 , 71, 393-399	1.2	18
119	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
118	Dynamics of photo-excited electrons in magnetically ordered TbMnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 116007	1.8	13
117	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
116	Fe ₃ O ₄ nano-particles prepared by co-precipitation method using local sands as a raw material and their application for humic acid removal. <i>International Journal of Environmental Studies</i> , 2016 , 73, 79-94	1.8	11

115	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. <i>Scanning</i> , 2018 , 2018, 6545803	1.6	11
114	Modification of Electrical Properties of Silver Nanoparticle 2018 ,		11
113	Problem Solving Skills on Direct Current Electricity through Inquiry-Based Learning with PhET Simulations. <i>International Journal of Instruction</i> , 2018 , 11, 123-138	1.7	10
112	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
111	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
110	The effect of TiO ₂ thin film thickness on self-cleaning glass properties. <i>Journal of Physics: Conference Series</i> , 2017 , 853, 012035	0.3	9
109	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
108	Synthesis of FeO/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. <i>Heliyon</i> , 2020 , 6, e05813	3.6	8
107	Structural and multiferroic properties in double-layer Aurivillius phase Pb _{0.4} Bi _{2.1} La _{0.5} Nb _{1.7} Mn _{0.3} O ₉ prepared by molten salt method. <i>Journal of Alloys and Compounds</i> , 2020 , 820, 153145	5.7	8
106	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
105	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
104	Synthesis of silver nanoparticles by chemical reduction at various fraction of MSA and their structure characterization 2014 ,		7
103	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
102	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
101	Synthesis, structural analysis and dielectric properties of the double-layer Aurivillius compound Pb _{1-2x} Bi _{1.5+2x} La _{0.5} Nb _{2-x} MnxO ₉ . <i>Ceramics International</i> , 2019 , 45, 17276-17282	5.1	6
100	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
99	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite Pr _{0.5} Ca _{1.5} MnO ₄ . <i>Physical Review B</i> , 2015 , 92,	3.3	6
98	Magnetic transitions in YbCo ₂ Si ₂ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 032031	0.3	6

97	Synthesis and characterization of highly purified nanosilica from pyrophyllite ores 2016 ,		6
96	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
95	The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO ₂ nanoparticle. <i>Journal of Polymer Research</i> , 2020 , 27, 1	2.7	5
94	Photoelectrochemical Performance of ZnO Nanorods Grown on Stainless Steel Substrate. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012023	0.4	5
93	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
92	Pronounced basal plane anisotropy in the magnetoresistance of YbCo ₂ Si ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 743-746	1.3	5
91	Synthesis and Characterization of a Bimetallic Oxalate-Based Magnet: [(C ₄ H ₉) ₄ P][M(II)Cr(ox) ₃] M(II) = Mn, Fe, Co, Ni, Cu. <i>Current Research in Chemistry</i> , 2008 , 1, 1-7	0	5
90	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
89	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
88	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
87	Electrocaloric effect of alkali co-substituted Sr _{0.6} Ba _{0.4} Nb ₂ O ₆ ceramics. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156132	5.7	4
86	Ratio effect of salt fluxes on structure, dielectric and magnetic properties of La,Mn-doped PbBi ₂ Nb ₂ O ₉ Aurivillius phase. <i>Ceramics International</i> , 2020 , 46, 14822-14827	5.1	4
85	Magneto-thermal behavior of Mn _x Fe _{3-x} O ₄ -PVA/PVP magnetic hydrogel and its potential application 2020 ,		4
84	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
83	Problem Solving Approach in Electrical Energy and Power on Students as Physics Teacher Candidates. <i>Jurnal Pendidikan IPA Indonesia</i> , 2017 , 6,	2.9	4
82	Synthesis and photocatalytic properties of Fe ₃ O ₄ @TiO ₂ core-shell for degradation of Rhodamine B 2016 ,		4
81	The Effect of ZnO Nanorods Morphology on Electrical Properties of Perovskite Solar Cells. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012028	0.3	4
80	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, 1197-1205	1.4	3

79	The effect of Cu ₂ O thickness in Perovskite Solar Cell to Power Conversion Efficiency and Its Stability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 276, 012035	0.3	3
78	Improved Solar Cell and Photoresponse Performance of CH ₃ NH ₃ PbI ₃ Perovskite with ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012089	0.4	3
77	The Effect of Photoanode TiO ₂ /ZnO Ratio in Perovskite Solar Cell and Its Photosensitivity and Solar Cell Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012007	0.4	3
76	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
75	Magnesiothermic Reduction Synthesis of Silicon Carbide with Varying Temperatures: Structural and Mechanical Features. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012079	0.4	3
74	Changes of spin dynamics in multiferroic Tb _{1-x} Ca _x MnO ₃ . <i>Physica B: Condensed Matter</i> , 2009 , 404, 785-7888		3
73	The Performance of Molecularly Imprinted Polymers (MIPs) - Modified Carbon Paste Electrode and Its Application in Detecting Phenol. <i>International Journal of Electrochemical Science</i> , 2020 , 5477-5486	2.2	3
72	Effect of Stirring Duration on Hardness and Antibacterial Characteristics of Polyethylene Glycol-Hydroxyapatite Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012073	0.4	3
71	Structure-property relationships in the lanthanide-substituted PbBi ₂ Nb ₂ O ₉ Aurivillius phase synthesized by the molten salt method. <i>Journal of Alloys and Compounds</i> , 2021 , 860, 158440	5.7	3
70	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
69	Efficiency Comparison between DC and AC Grid Toward Green Energy In Indonesia 2019 ,		2
68	The Influence of Immerse Times PbI ₂ in CH ₃ NH ₃ I Solutions on Microstructure and Perovskite Solar Cell Performance. <i>Materials Today: Proceedings</i> , 2019 , 13, 205-210	1.4	2
67	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
66	Study on Distribution of Magnetite (Fe _{3-x} Mn _x O ₄) Filler in Fe _{3-x} Mn _x O ₄ -PEG/PVA/PVP Magnetic Hydrogel by Using Twolognormal Function Analysis. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012024	0.4	2
65	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
64	Study on optical absorption and conductivity of hybrid ZnO nanorod/graphene 2020 ,		2
63	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
62	Preparation, Structural and Dielectric Behaviors of CoxMn _{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

61	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
60	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
59	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
58	Spinlattice coupling in iron jarosite. <i>Journal of Solid State Chemistry</i> , 2012 , 195, 50-54	3.3	2
57	The enhanced performance of piezoelectric nanogenerator by increasing zinc precursor concentration during the growth of ZnO nanorods on stainless steel foil. <i>Journal of Physics: Conference Series</i> , 2020 , 1572, 012077	0.3	2
56	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
55	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
54	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
53	Investigation of magnetic properties and anti-microbial activity of Mn _{0.25} Fe _{2.75} O ₄ /Ag composites 2020 ,		2
52	Synthesis and Crystal Structure Analysis of LiNi _{5-x} P _{1-x} O ₄ /C as a Cathode Material for the Lithium-ion Batteries Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012043	0.4	2
51	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
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	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
48	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
47	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
46	Synthesis and characterization of CIGS/ZnO film by spin coating method for solar cell application 2020 ,		1
45	Synthesis and characterization of CIGS ink by hot injection method 2020 ,		1
44	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

43	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
42	Unique magnetic structure of YbCo ₂ Si ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	1
41	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
40	Temperature-Induced on the Phase Formation and Its Microstructure of LiNiPO ₄ /C Cathode Materials for Lithium-Ion Batteries. <i>Materials Today: Proceedings</i> , 2019 , 13, 241-245	1.4	1
39	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
38	Fabrication of Silver Nanoparticles and its Films and their Characterization of Structure and Electrical Conductivity. <i>Advanced Materials Research</i> , 2014 , 896, 341-346	0.5	1
37	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
36	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
35	Effect of mechanical milling on particle size, magnetic susceptibility and dielectric of synthetic toner colorant magnetite extracted from Indonesian iron sand 2014 ,		1
34	Magnetic field induced ferroelectric to relaxor crossover in Tb(1-x)Ca(x)MnO(3). <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 452203	1.8	1
33	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
32	The fitting kinetic evaluation during co-pyrolysis of coal and water hyacinth (Eichhornia crassipes) to explore its potential for energy 2020 ,		1
31	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
30	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition 2020 ,		1
29	Strain relaxation dynamics of multiferroic orthorhombic manganites. <i>Journal of Physics Condensed Matter</i> , 2020 ,	1.8	1
28	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	1
27	In-situ High-Resolution Transmission Electron Microscopy and X-ray Diffraction Studies on Nanostructured Bi ₂ C and Its Promising Feature for Photocatalytic Hydrogen Production. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012012	0.4	1
26	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

25	Band Gap Shift and Electrical Conductivity of (Ag-xSnO ₂)NPs- β -Carotene Thin Film. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012032	0.3	1
24	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
23	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
22	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
21	Nanostructural Properties of Fe ₃ -xZn _x O ₄ -PEG/Carboxymethyl Cellulose/Polyvinyl Alcohol Magnetic Hydrogel by Using SAXS. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012026	0.4	0
20	Raman Spectra of Multiferroics TbMnO ₃ . <i>Advanced Materials Research</i> , 2015 , 1112, 23-26	0.5	0
19	Formation of Graphene Island on Si (100) Substrate Prepared by Simple-Spray Method: Morphological and Optical Analyses. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012019	0.4	0
18	Recovery of Platinum from Spent Removing Catalyst of Pt/Al ₂ O ₃ by Ultrasonic-Assisted Acid Leaching. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012052	0.4	0
17	Structural transformation in Mn-substituted Sr ₂ Bi ₂ Ta ₂ TiO ₁₂ Aurivillius phase synthesized by hydrothermal method: A comparative study and dielectric properties. <i>Ceramics International</i> , 2021 , 47, 8014-8019	5.1	0
16	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. <i>Polymer Bulletin</i> , 1	2.4	0
15	UV Irradiation Enhanced In-Vitro Cytotoxic Effects of ZnO Nanoparticle on Human Breast Cancer. <i>Journal of Physics: Conference Series</i> , 2018 , 1093, 012046	0.3	0
14	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
13	Time-Dependent Ultrasonic Assisted Recovery of Platinum from Spent Removing Catalyst of Pt/Al ₂ O ₃ by Acid Leaching. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 515, 012068	0.4	
12	The enhanced of photoresponse of ZnO nanorods film-coated by Cu ₂ O. <i>Journal of Physics: Conference Series</i> , 2020 , 1572, 012076	0.3	
11	Synthesis of Sr _{1+2x} La _{1-2x} Fe _{1-x} Nb _x O ₄ (x=0, 0.1, 0.3, and 0.5) by Sol-gel Method: Structural, Magnetic, and Dielectric Properties. <i>ChemistrySelect</i> , 2020 , 5, 6299-6304	1.8	
10	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	
9	Direct formation of ZnO nanorods by hydrothermal process: study on its optical properties and electron transport. <i>Materials Science-Poland</i> , 2020 , 38, 91-96	0.6	
8	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	

- 7 Annealing Temperature Effect of ZnO Seed Layer on Integrated Photosupercapacitor Performance. *Key Engineering Materials*, **2020**, 851, 16-24 0.4
- 6 Fabrication of Bilayer Fe₂O₃/ZnO Photoanode and its Photoelectrochemical Performance. *Key Engineering Materials*, **2020**, 851, 32-37 0.4
- 5 The functionalization of Mn_{0.25}Fe_{2.75}O₄/Ag-CMC/PVA ferrogel as antibacterial agent. *Materials Today: Proceedings*, **2021**, 44, 3336-3340 1.4
- 4 Effect of composition control of DMF/DMSO as lead iodide solvent towards perovskite solar cell performance. *Materials Today: Proceedings*, **2021**, 44, 3365-3369 1.4
- 3 Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn_{0.25}Fe_{2.75}O₄-PEG 6000 Nanoparticles. *Journal of Physics: Conference Series*, **2018**, 1093, 012005 0.3
- 2 Structural, Band Gap Energy, and Magnetic Characters of Fe_{2.9}Cr_{0.1}O₄ Nanoparticles for Preparing Ferrofluids. *Journal of Physics: Conference Series*, **2018**, 1091, 012029 0.3
- 1 Potential of nanooxidic materials and structures of photoanodes for DSSCs **2021**, 213-247