

# Nandang Mufti

## List of Publications by Year in descending order

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155  
papers

1,438  
citations

430874

18  
h-index

434195

31  
g-index

156  
all docs

156  
docs citations

156  
times ranked

1665  
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	Magnetodielectric coupling in frustrated spin systems: the spinels $M\text{Cr}_2\text{O}_4$ ( $M = \text{Tl}, \text{Eu}, \text{Gd}, \text{Yb}$ ). Physical Review B, 2011, 83, 114407.	1.8	96
3	Magnetoelectric coupling in $\text{MnTiO}_3$ . Physical Review B, 2011, 83, 114407.	3.2	96
4	Large Coupled Magnetoresponses in $\text{EuNbO}_2$ . Journal of the American Chemical Society, 2008, 130, 12572-12573.	13.7	95
5	One-step synthesis of silica-coated magnetite nanoparticles by electrooxidation of iron in sodium silicate solution. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	47
6	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. Heliyon, 2020, 6, e03784.	3.2	47
7	Magnetodielectric coupling in $\text{MnCr}_2\text{O}_4$ spinel. Journal of Magnetism and Magnetic Materials, 2009, 321, 1767-1769.	2.3	33
8	Aurivillius phases of $\text{PbBi}_4\text{Ti}_4\text{O}_{15}$ doped with $\text{Mn}^{3+}$ synthesized by molten salt technique: Structure, dielectric, and magnetic properties. Journal of Solid State Chemistry, 2011, 184, 1318-1323.	2.9	33
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	Synthesis of $\text{Fe}_3\text{O}_4/\text{Ag}$ nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	3.2	30
11	Relaxor ferroelectric behavior in Ca-doped $\text{TbMnO}_3$ . Physical Review B, 2008, 78, 044111.	3.2	29
12	Orbital superexchange and crystal field simultaneously at play in $\text{YVO}_4$ : Resonant inelastic x-ray scattering at the $V\text{L}$ edge and the $\text{O}K$ edge. Physical Review B, 2008, 78, 044111.	3.2	24
13	Synthesis and characterization of black, red and yellow nanoparticles pigments from the iron sand. AIP Conference Proceedings, 2014, , .	0.4	23
14	Dielectric relaxation in $\text{YMnO}_3$ single crystals. Journal of Alloys and Compounds, 2015, 638, 228-232.	5.5	22
15	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. Scanning, 2018, 2018, 1-8.	1.5	22
16	Magnetodielectric coupling by exchange striction in $\text{Y}_2\text{Cu}_2\text{O}_5$ . European Physical Journal B, 2009, 71, 393-399.	1.5	20
17	Synthesis, Investigation on Structural and Magnetic Behaviors of Spinel M-Ferrite [ $M = \text{Fe}; \text{Zn}; \text{Mn}$ ] Nanoparticles from Iron Sand. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012052.	0.6	20
18	Structural, Optical, and Antifungal Characters of Zinc Oxide Nanoparticles Prepared by Sol-gel Method. Journal of Physics: Conference Series, 2018, 1093, 012001.	0.4	20

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19	Problem Solving Skills on Direct Current Electricity through Inquiry-Based Learning with PhET Simulations. <i>International Journal of Instruction</i> , 2018, 11, 123-138.	1.3	20
20	Fe <sub>3</sub> O <sub>4</sub> 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.	1.6	17
21	Dynamics of photo-excited electrons in magnetically ordered TbMnO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 116007.	1.8	16
22	Contributions of TMAH Surfactant on Hierarchical Structures of PVA/Fe <sub>3</sub> O <sub>4</sub> "TMAH Ferrogels by Using SAXS Instrument. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2206-2212.	3.7	16
23	Preparation of Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> 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
24	Lead-Free Aurivillius Phase Bi <sub>2</sub> LaNb <sub>1.5</sub> Mn <sub>0.5</sub> O <sub>9</sub> : Structure, Ferroelectric, Magnetic, and Magnetodielectric Effects. <i>Inorganic Chemistry</i> , 2022, 61, 8644-8652.	4.0	16
25	Performance of Pterocarpus Indicus Willd Leaf Extract as Natural Dye TiO <sub>2</sub> -Dye/ITO DSSC. <i>Materials Today: Proceedings</i> , 2019, 17, 1268-1276.	1.8	15
26	The effect of TiO <sub>2</sub> thin film thickness on self-cleaning glass properties. <i>Journal of Physics: Conference Series</i> , 2017, 853, 012035.	0.4	14
27	Dependence of PEO content in the preparation of Fe <sub>3</sub> O <sub>4</sub> /PEO/TMAH ferrofluids and their antibacterial activity. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	14
28	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
29	Functional Group and Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> Ferrofluids: The Impact of Dispersion Agent Composition. <i>Journal of Physics: Conference Series</i> , 2018, 1093, 012010.	0.4	13
30	Modification of Electrical Properties of Silver Nanoparticle. , 0, , .		13
31	Ratio effect of salt fluxes on structure, dielectric and magnetic properties of La,Mn-doped PbBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> Aurivillius phase. <i>Ceramics International</i> , 2020, 46, 14822-14827.	4.8	13
32	Structure-property relationships in the lanthanide-substituted PbBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> Aurivillius phase synthesized by the molten salt method. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158440.	5.5	13
33	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
34	Synthesis, structural analysis and dielectric properties of the double-layer Aurivillius compound Pb <sub>1-2</sub> Bi <sub>1.5+2</sub> La <sub>0.5</sub> Nb <sub>2</sub> -Mn O <sub>9</sub> . <i>Ceramics International</i> , 2019, 45, 17276-17282.	4.8	12
35	Structural and multiferroic properties in double-layer Aurivillius phase Pb <sub>0.4</sub> Bi <sub>2.1</sub> La <sub>0.5</sub> Nb <sub>1.7</sub> Mn <sub>0.3</sub> O <sub>9</sub> prepared by molten salt method. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153145.	5.5	12
36	Synthesis of silver nanoparticles by chemical reduction at various fraction of MSA and their structure characterization. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	11

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37	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
38	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
39	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
40	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
41	The Effect of PANI Fraction on Photo Anode Based on TiO <sub>2</sub> -PANI /ITO DSSC with $\beta$ -carotene as Dye Sensitizer on its Structure, Absorbance, and Efficiency. Materials Today: Proceedings, 2019, 17, 1197-1209.	1.8	9
42	The Performance of Molecularly Imprinted Polymers (MIPs) -Modified Carbon Paste Electrode and Its Application in Detecting Phenol. International Journal of Electrochemical Science, 2020, 15, 5477-5486.	1.3	9
43	The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO <sub>2</sub> nanoparticle. Journal of Polymer Research, 2020, 27, 1.	2.4	9
44	Synthesis and photocatalytic properties of Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> core-shell for degradation of Rhodamine B. AIP Conference Proceedings, 2016, , .	0.4	8
45	Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012020.	0.4	8
46	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
47	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
48	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite $\chi_{\text{Fe}} \propto \frac{1}{\chi_{\text{O}}} \propto \frac{1}{\chi_{\text{Mn}}} \propto \frac{1}{\chi_{\text{O}_2}}$ Physical Review B, 2015, 92, .	3.2	7
49	Synthesis and characterization of highly purified nanosilica from pyrophyllite ores. AIP Conference Proceedings, 2016, , .	0.4	7
50	Photoelectrochemical Performance of ZnO Nanorods Grown on Stainless Steel Substrate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012023.	0.6	7
51	Investigation of structural, magnetic and antibacterial activities of Cr <sub>x</sub> Fe <sub>3-3x</sub> O <sub>4</sub> ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72.	0.9	7
52	Preparation and Characterization of Magnetite/PEG Nanoparticles Combined with Curcumin for Drug Delivery Application. Key Engineering Materials, 2020, 855, 299-307.	0.4	7
53	Magneto-thermal behavior of Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> -PVA/PVP magnetic hydrogel and its potential application. AIP Conference Proceedings, 2020, , .	0.4	7
54	Study of Nanostructural, Electrical, and Optical Properties of Mn <sub>0.6</sub> Fe <sub>2.4</sub> O <sub>4</sub> "PEG/PVP/PVA Ferrogels for Optoelectronic Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4278-4288.	3.7	7

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55	Problem Solving Approach in Electrical Energy and Power on Students as Physics Teacher Candidates. Jurnal Pendidikan IPA Indonesia, 2017, 6, .	1.3	7
56	Magnetic transitions in YbCo <sub>2</sub> Si <sub>2</sub> . Journal of Physics: Conference Series, 2010, 200, 032031.	0.4	6
57	Pronounced basal plane anisotropy in the magnetoresistance of YbCo <sub>2</sub> Si <sub>2</sub> . Physica Status Solidi (B): Basic Research, 2010, 247, 743-746.	1.5	6
58	Effect of Fe <sub>3</sub> O <sub>4</sub> on the Electro-Optic and Magneto-Electric Characteristics of (PANI/Fe <sub>3</sub> O <sub>4</sub> )-Ag Film. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012062.	0.6	6
59	The Effect of Photoanode TiO <sub>2</sub> /ZnO Ratio in Perovskite Solar Cell and Its Photosensitivity and Solar Cell Performance. IOP Conference Series: Materials Science and Engineering, 0, 515, 012007.	0.6	6
60	The effect of Mn doping on nano structure and magnetic properties of Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> -PEG/PVP/PVA based ferrogel. Journal of Polymer Research, 2020, 27, 1.	2.4	6
61	Investigation of magnetic properties and anti-microbial activity of Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> /Ag composites. AIP Conference Proceedings, 2020, .	0.4	6
62	Electrocaloric effect of alkali co-substituted Sr <sub>0.6</sub> Ba <sub>0.4</sub> Nb <sub>2</sub> O <sub>6</sub> ceramics. Journal of Alloys and Compounds, 2020, 844, 156132.	5.5	6
63	The Effect of ZnO Nanorods Morphology on Electrical Properties of Perovskite Solar Cells. Journal of Physics: Conference Series, 2018, 1093, 012028.	0.4	5
64	Magnesiothermic Reduction Synthesis of Silicon Carbide with Varying Temperatures: Structural and Mechanical Features. IOP Conference Series: Materials Science and Engineering, 0, 515, 012079.	0.6	5
65	Identification of Nanostructural and Specific Absorption Rate (SAR) on Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> /Ag Nanoparticle Composites. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012062.	0.3	5
66	Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012081.	0.6	5
67	Effect of Stirring Duration on Hardness and Antibacterial Characteristics of Polyethylene Glycol-Hydroxyapatite Nanocomposites. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012073.	0.6	5
68	<i>In-situ</i> High-Resolution Transmission Electron Microscopy and X-ray Diffraction Studies on Nanostructured <i>I</i> <sup>2</sup> -SiC and Its Promising Feature for Photocatalytic Hydrogen Production. IOP Conference Series: Materials Science and Engineering, 0, 515, 012012.	0.6	5
69	Structural transformation in Mn-substituted Sr <sub>2</sub> Bi <sub>2</sub> Ta <sub>2</sub> TiO <sub>12</sub> Aurivillius phase synthesized by hydrothermal method: A comparative study and dielectric properties. Ceramics International, 2021, 47, 8014-8019.	4.8	5
70	Strain relaxation dynamics of multiferroic orthorhombic manganites. Journal of Physics Condensed Matter, 2021, 33, 125402.	1.8	5
71	Effects of ZnO nanoparticles on the antifungal performance of Fe <sub>3</sub> O <sub>4</sub> /ZnO nanocomposites prepared from natural sand. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 045004.	1.5	5
72	Synthesis and Characterization of a Bimetallic Oxalate-Based Magnet: [(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> P][M(II)Cr(ox) <sub>3</sub> ] M(II) = Mn, Fe, Co, Ni, Cu. Current Research in Chemistry, 2008, 1, 1-7.	1.0	5

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73	Preparation of Superparamagnetic Zn <sub>0.5</sub> Mn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012024.	0.6	4
74	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
75	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012024.	0.4	4
76	Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012025.	0.6	4
77	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
78	Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. Materials Today: Proceedings, 2019, 17, 1728-1735.	1.8	4
79	Efficiency Comparison between DC and AC Grid Toward Green Energy In Indonesia. , 2019, , .		4
80	Improved Solar Cell and Photoresponse Performance of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite with ZnO Nanorods. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012089.	0.6	4
81	Synthesis and Crystal Structure Analysis of LiNi <sub>5</sub> xP <sub>1-x</sub> O <sub>4</sub> /C as a Cathode Material for the Lithium-ion Batteries Application. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012043.	0.6	4
82	Study on optical absorption and conductivity of hybrid ZnO nanorod/graphene. AIP Conference Proceedings, 2020, , .	0.4	4
83	Synthesis and characterization of CIGS/ZnO film by spin coating method for solar cell application. AIP Conference Proceedings, 2020, , .	0.4	4
84	Contribution of ZnO/TiO <sub>2</sub> nanocomposite particles towards bacterial growth inhibition. AIP Conference Proceedings, 2021, , .	0.4	4
85	Changes of spin dynamics in multiferroic. Physica B: Condensed Matter, 2009, 404, 785-788.	2.7	3
86	Growth of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite on Stainless Steel Substrate Layered by ZnO Nanoparticles Using One-Step Spin Coating Route. Journal of Physics: Conference Series, 2018, 1011, 012011.	0.4	3
87	The effect of Cu <sub>2</sub> O thickness in Perovskite Solar Cell to Power Conversion Efficiency and Its Stability. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012035.	0.3	3
88	Study on Distribution of Magnetite (Fe <sub>3-x</sub> Mn <sub>x</sub> O <sub>4</sub> ) Filler in Fe <sub>3-x</sub> Mn <sub>x</sub> O <sub>4</sub> -PEG/PVA/PVP Magnetic Hydrogel by Using Twolognormal Function Analysis. IOP Conference Series: Materials Science and Engineering, 0, 515, 012024.	0.6	3
89	Recovery of Platinum from Spent Removing Catalyst of Pt/Al <sub>2</sub> O <sub>3</sub> by Ultrasonic-Assisted Acid Leaching. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012052.	0.6	3
90	Magnetocapacitance of FC-ATiO <sub>3</sub> (A = Ba, Ca, Sr) for supercapacitor electrode. AIP Conference Proceedings, 2020, , .	0.4	3

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91	Preparation of Fe <sub>3</sub> O <sub>4</sub> /MWCNT nanocomposite combined with titanium dioxide using sonochemical and precipitation methods. AIP Conference Proceedings, 2020, , .	0.4	3
92	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> Nanocomposites Manufactured from Natural Sand. Nano, 2021, 16, 2150017.	1.0	3
93	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. Polymer Bulletin, 2022, 79, 555-568.	3.3	3
94	The influence of light intensity on the performance of FTO/TiO <sub>2</sub> -ZnO- $\beta$ -carotene-quercetin/carbon/Al/PVDF-BaTiO <sub>3</sub> /Al photosupercapacitors. Materials Today: Proceedings, 2021, 44, 3390-3394.	1.8	3
95	Spinâ€ˆlattice coupling in iron jarosite. Journal of Solid State Chemistry, 2012, 195, 50-54.	2.9	2
96	Fabrication of Silver Nanoparticles and its Films and their Characterization of Structure and Electrical Conductivity. Advanced Materials Research, 0, 896, 341-346.	0.3	2
97	Unique magnetic structure of YbCo <sub>2</sub> Si <sub>2</sub> . Physical Review B, 2016, 94, .	3.2	2
98	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
99	UV Irradiation Enhanced In-Vitro Cytotoxic Effects of ZnO Nanoparticle on Human Breast Cancer. Journal of Physics: Conference Series, 2018, 1093, 012046.	0.4	2
100	Preparation, Structural and Dielectric Behaviors of Co <sub>x</sub> Mn <sub>1-x</sub> Mn <sub>2</sub> O <sub>4</sub> (0 $\leq$ x $\leq$ 1) Nanoparticles. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012050.	0.6	2
101	Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. Materials Today: Proceedings, 2019, 17, 1720-1727.	1.8	2
102	Effect of Immersion Cycle on Photoelectrochemical Properties of Cu <sub>2</sub> O Thin Films on Stainless Steel Substrate Prepared by Chemical Bath Deposition Method. Materials Today: Proceedings, 2019, 13, 193-198.	1.8	2
103	The Influence of Immerse Times PbI <sub>2</sub> in CH <sub>3</sub> NH <sub>3</sub> I Solutions on Microstructure and Perovskite Solar Cell Performance. Materials Today: Proceedings, 2019, 13, 205-210.	1.8	2
104	Time-Dependent Ultrasonic Assisted Recovery of Platinum from Spent Removing Catalyst of Pt/Al <sub>2</sub> O <sub>3</sub> by Acid Leaching. IOP Conference Series: Materials Science and Engineering, 0, 515, 012068.	0.6	2
105	The Influence of Alternating Magnetic Field Frequency on Magneto-Thermal Behavior of Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> @PANI Material. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012035.	0.6	2
106	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe <sub>3</sub> O <sub>4</sub> /ZnO core-shell nanocomposite. Molecular Crystals and Liquid Crystals, 2019, 694, 49-59.	0.9	2
107	The fitting kinetic evaluation during co-pyrolysis of coal and water hyacinth (Eichhornia crassipes) to explore its potential for energy. AIP Conference Proceedings, 2020, , .	0.4	2
108	Adsorption Properties of Magnetic Sorbent Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> @SiO <sub>2</sub> for Mercury Removal. Key Engineering Materials, 0, 851, 197-204.		2

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109	Synthesis and characterization of CIGS ink by hot injection method. AIP Conference Proceedings, 2020, , .	0.4	2
110	Optical properties of Fe <sub>2.15</sub> Zn <sub>0.85</sub> O <sub>4</sub> -PEG/CMC/PVA ferrogel. AIP Conference Proceedings, 2020, , .	0.4	2
111	Effect of (SnO <sub>2</sub> :TiO <sub>2</sub> ) nanoparticles on charging performance of integrated dye-sensitized solar cell-supercapacitor. AIP Conference Proceedings, 2020, , .	0.4	2
112	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
113	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
114	The enhanced performance of piezoelectric nanogenerator by increasing zinc precursor concentration during the growth of ZnO nanorods on stainless steel foil. Journal of Physics: Conference Series, 2020, 1572, 012077.	0.4	2
115	Magnetic field induced ferroelectric to relaxor crossover in Tb <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . Journal of Physics Condensed Matter, 2009, 21, 452203.	1.8	1
116	Effect of mechanical milling on particle size, magnetic susceptibility and dielectric of synthetic toner colorant magnetite extracted from Indonesian iron sand. , 2014, , .		1
117	Raman Spectra of Multiferroics TbMnO <sub>3</sub> . Advanced Materials Research, 2015, 1112, 23-26.	0.3	1
118	The Role of Fe <sub>2</sub> O <sub>3</sub> and Light Induced on Dielectric Properties of Borosilicate Glass. Journal of Physics: Conference Series, 2017, 846, 012007.	0.4	1
119	Optimization of Freezing-Thawing Process in Enhancing Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> /PAA/PVA Magnetic Hydrogel Composites. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012007.	0.6	1
120	Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> -PEG 6000 Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012005.	0.4	1
121	Band Gap Shift and Electrical Conductivity of (Ag-xSnO <sub>2</sub> )NPs- $\beta$ -Carotene Thin Film. Journal of Physics: Conference Series, 2018, 1093, 012032.	0.4	1
122	Distribution of Silver (Ag) Nanoparticle in PVA/Ag Nanofiber Fabricated by Electrospinning Method. Journal of Physics: Conference Series, 2018, 1093, 012045.	0.4	1
123	The 2017 International Conference on Mathematics, Science, and Education. Journal of Physics: Conference Series, 2018, 1093, 011001.	0.4	1
124	Formation of Graphene Island on Si (100) Substrate Prepared by Simple-Spray Method: Morphological and Optical Analyses. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012019.	0.6	1
125	Temperature-Induced on the Phase Formation and Its Microstructure of LiNiPO <sub>4</sub> /C Cathode Materials for Lithium-Ion Batteries. Materials Today: Proceedings, 2019, 13, 241-245.	1.8	1
126	The Impact of Growth Temperature on Nanorod Morphology and Optical Properties for CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Solar Cell Device Application. Materials Today: Proceedings, 2019, 17, 1627-1636.	1.8	1

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127	International Conference on Life Sciences and Technology. IOP Conference Series: Earth and Environmental Science, 2019, 276, 011001.	0.3	1
128	Study on Structural Characters of Nano-sized Hydroxyapatite Prepared from Limestone. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012020.	0.6	1
129	Nanostructural Properties of Fe <sub>3-x</sub> Zn <sub>x</sub> O <sub>4</sub> -PEG/Carboxymethyl Cellulose/Polyvinyl Alcohol Magnetic Hydrogel by Using SAXS. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012026.	0.6	1
130	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition. AIP Conference Proceedings, 2020, , .	0.4	1
131	Extracting Morus alba L. leaves as surfactant agent to prepare SiO <sub>2</sub> /ZnFe <sub>2</sub> O <sub>4</sub> nanocomposites. AIP Conference Proceedings, 2020, , .	0.4	1
132	Synthesis of Sr <sub>1+2x</sub> La <sub>1-x</sub> Fe <sub>1-x</sub> Nb <sub>x</sub> O <sub>4</sub> (x = 0, 0.1, 0.3, and 0.5) by Sol-gel Method: Structural, Magnetic, and Dielectric Properties. ChemistrySelect, 2020, 5, 6299-6304.	1.5	1
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