

# 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	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. Polymer Bulletin, 2022, 79, 555-568.	3.3	3
2	Selenization process in simple spray-coated CIGS film. Ceramics International, 2022, , .	4.8	1
3	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. Inorganic Chemistry, 2022, 61, 8644-8652.	4.0	16
4	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
5	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. Journal of Alloys and Compounds, 2021, 860, 158440.	5.5	13
6	The functionalization of Mn <sub>0.25</sub> Fe <sub>2.75</sub> O <sub>4</sub> /Ag-CMC/PVA ferrogel as antibacterial agent. Materials Today: Proceedings, 2021, 44, 3336-3340.	1.8	1
7	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
8	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
9	Effect of composition control of DMF/DMSO as lead iodide solvent towards perovskite solar cell performance. Materials Today: Proceedings, 2021, 44, 3365-3369.	1.8	0
10	Strain relaxation dynamics of multiferroic orthorhombic manganites. Journal of Physics Condensed Matter, 2021, 33, 125402.	1.8	5
11	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
12	Contribution of ZnO/TiO <sub>2</sub> nanocomposite particles towards bacterial growth inhibition. AIP Conference Proceedings, 2021, , .	0.4	4
13	Potential of nanooxidic materials and structures of photoanodes for DSSCs. , 2021, , 213-247.		0
14	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
15	Synthesis and Characterization of Magnesium Acetate Doped MAPbI <sub>3</sub> Perovskite Solar Cells with Carbon Electrodes. JPSE (Journal of Physical Science and Engineering), 2021, 6, 40-45.	0.2	0
16	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. Journal of Alloys and Compounds, 2020, 820, 153145.	5.5	12
17	Review of CIGS-based solar cells manufacturing by structural engineering. Solar Energy, 2020, 207, 1146-1157.	6.1	106
18	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

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19	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	7
20	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, 15, 5477-5486.	1.3	9
21	Magnetocapacitance of FC-ATiO <sub>3</sub> (A = Ba, Ca, Sr) for supercapacitor electrode. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
22	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. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	6
23	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
24	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. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	6
25	Fe <sub>3</sub> O <sub>4</sub> /ZnO bilayer for photoelectrochemical properties enhancement of current efficiency. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
26	Extracting <i>Morus alba</i> L. leaves as surfactant agent to prepare SiO <sub>2</sub> /ZnFe <sub>2</sub> O <sub>4</sub> nanocomposites. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
27	The enhanced of photoresponse of ZnO nanorods film-coated by Cu <sub>2</sub> O. <i>Journal of Physics: Conference Series</i> , 2020, 1572, 012076.	0.4	0
28	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. <i>Heliyon</i> , 2020, 6, e03784.	3.2	47
29	The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO <sub>2</sub> nanoparticle. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	9
30	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. <i>ChemistrySelect</i> , 2020, 5, 6299-6304.	1.5	1
31	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. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156132.	5.5	6
32	Study on optical absorption and conductivity of hybrid ZnO nanorod/graphene. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	4
33	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
34	Enhanced photoelectrochemical performance of Fe <sub>2</sub> O <sub>3</sub> /ZnO nanocomposite film. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
35	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. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	7
36	Synthesis and characterization of CIGS/ZnO film by spin coating method for solar cell application. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	4

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37	Synthesis and characterization of CIGS ink by hot injection method. AIP Conference Proceedings, 2020, , .	0.4	2
38	The addition effect of poly-diallyl dimethyl ammonium chloride on Fe <sub>3</sub> O <sub>4</sub> @ZnO core-shell and its potential as photodegradation methylene orange dyes. AIP Conference Proceedings, 2020, , .	0.4	1
39	Study of Nanostructural, Electrical, and Optical Properties of Mn <sub>0.6</sub> Fe <sub>2.4</sub> O <sub>4</sub> â€“PEG/PVP/PVA Ferrogels for Optoelectronic Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4278-4288.	3.7	7
40	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
41	The effect of CuO thickness to perovskite photodetector performance synthesized at ambient temperature. AIP Conference Proceedings, 2020, , .	0.4	0
42	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
43	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
44	Dependence of PEO content in the preparation of Fe <sub>3</sub> O <sub>4</sub> /PEO/TMAH ferrofluids and their antibacterial activity. Journal of Polymer Research, 2020, 27, 1.	2.4	14
45	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
46	Direct formation of ZnO nanorods by hydrothermal process: study on its optical properties and electron transport. Materials Science-Poland, 2020, 38, 91-96.	1.0	0
47	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
48	Synthesis of Fe <sub>3</sub> O <sub>4</sub> /Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	3.2	30
49	Development of a Smartphone App for Tracking Kids Emotions through Heartbeat for Protection from Kidnapping. , 2020, , .		0
50	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
51	Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012081.	0.6	5
52	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
53	Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. Materials Today: Proceedings, 2019, 17, 1720-1727.	1.8	2
54	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

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55	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. <i>Materials Today: Proceedings</i> , 2019, 17, 1627-1636.	1.8	1
56	Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. <i>Materials Today: Proceedings</i> , 2019, 17, 1728-1735.	1.8	4
57	Efficiency Comparison between DC and AC Grid Toward Green Energy In Indonesia. , 2019, , .		4
58	International Conference on Life Sciences and Technology. IOP Conference Series: Earth and Environmental Science, 2019, 276, 011001.	0.3	1
59	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. <i>Materials Today: Proceedings</i> , 2019, 13, 193-198.	1.8	2
60	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. <i>Materials Today: Proceedings</i> , 2019, 17, 1197-1209.	1.8	9
61	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
62	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. <i>Materials Today: Proceedings</i> , 2019, 13, 205-210.	1.8	2
63	Synthesis, structural analysis and dielectric properties of the double-layer Aurivillius compound Pb <sub>1-2</sub> Bi <sub>1.5+2La0.5</sub> Nb <sub>2</sub> -Mn O <sub>9</sub> . <i>Ceramics International</i> , 2019, 45, 17276-17282.	4.8	12
64	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
65	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
66	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
67	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
68	Study on Structural Characters of Nano-sized Hydroxyapatite Prepared from Limestone. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012020.	0.6	1
69	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
70	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
71	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
72	International Conference on Condensed Matters and Advanced Materials (IC2MAM) 2018. IOP Conference Series: Materials Science and Engineering, 2019, 515, 011001.	0.6	0

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73	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
74	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
75	Investigation of structural, magnetic and antibacterial activities of Cr <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72.	0.9	7
76	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
77	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
78	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
79	Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. Journal of Physics: Conference Series, 2018, 1093, 012020.	0.4	8
80	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. Scanning, 2018, 2018, 1-8.	1.5	22
81	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
82	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. Journal of Physics: Conference Series, 2018, 1093, 012024.	0.4	4
83	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
84	Distribution of Silver (Ag) Nanoparticle in PVA/Ag Nanofiber Fabricated by Electrospinning Method. Journal of Physics: Conference Series, 2018, 1093, 012045.	0.4	1
85	Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. IOP Conference Series: Materials Science and Engineering, 2018, 367, 012025.	0.6	4
86	Structural, Band Gap Energy, and Magnetic Characters of Fe <sub>2.9</sub> Cr <sub>0.1</sub> O <sub>4</sub> Nanoparticles for Preparing Ferrofluids. Journal of Physics: Conference Series, 2018, 1091, 012029.	0.4	0
87	Functional Group and Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> Ferrofluids: The Impact of Dispersion Agent Composition. Journal of Physics: Conference Series, 2018, 1093, 012010.	0.4	13
88	The 2017 International Conference on Mathematics, Science, and Education. Journal of Physics: Conference Series, 2018, 1093, 011001.	0.4	1
89	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
90	The Effect of ZnO Nanorods Morphology on Electrical Properties of Perovskite Solar Cells. Journal of Physics: Conference Series, 2018, 1093, 012028.	0.4	5

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91	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
92	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.	0.4	11
93	Growth of $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite on Stainless Steel Substrate Layered by ZnO Nanoparticles Using One-Step Spin Coating Route. <i>Journal of Physics: Conference Series</i> , 2018, 1011, 012011.	0.4	3
94	Preparation, Structural and Dielectric Behaviors of $\text{Co}_x\text{Mn}_{1-x}\text{Mn}_2\text{O}_4$ (0 ≤ x ≤ 1) Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 367, 012050.	0.6	2
95	Contributions of TMAH Surfactant on Hierarchical Structures of PVA/ $\text{Fe}_3\text{O}_4$ TMAH Ferrogels by Using SAXS Instrument. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2206-2212.	3.7	16
96	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.	0.6	4
97	Preparation of Superparamagnetic $\text{Fe}_3\text{O}_4$ Nanoparticles from Iron Sand Mediated by Soft Template and Their Performance as Antibacterial Agent. <i>Journal of Magnetism</i> , 2018, 23, 337-344.	0.4	16
98	Analysis of Distribution of Polyvinyl Alcohol Hydrogel Nanocrystalline by using SAXS Synchrotron. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012041.	0.6	9
99	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.	0.6	20
100	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.	0.4	2
101	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
102	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.	0.6	11
103	Preparation of Superparamagnetic $\text{Zn}_{0.5}\text{Mn}_{0.5}\text{Fe}_2\text{O}_4$ Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012024.	0.6	4
104	Effect of Growth Time on the Characteristics of ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012050.	0.6	31
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.	0.6	12
106	Effect of $\text{Fe}_3\text{O}_4$ on the Electro-Optic and Magneto-Electric Characteristics of (PANI/ $\text{Fe}_3\text{O}_4$ )-Ag Film. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 202, 012062.	0.6	6
107	The effect of $\text{TiO}_2$ thin film thickness on self-cleaning glass properties. <i>Journal of Physics: Conference Series</i> , 2017, 853, 012035.	0.4	14
108	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.	0.6	10

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109	Effect of NiO and Light Intensity on Dielectric Constant of SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Bi <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> CO <sub>3</sub> Glass Based on Silica Gel of Natural Sands. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012056.	0.6	0
110	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
111	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
112	Problem Solving Approach in Electrical Energy and Power on Students as Physics Teacher Candidates. Jurnal Pendidikan IPA Indonesia, 2017, 6, .	1.3	7
113	Light induced dielectric constant of Alumina doped lead silicate glass based on silica sands. AIP Conference Proceedings, 2016, , .	0.4	0
114	Synthesis and characterization of highly purified nanosilica from pyrophyllite ores. AIP Conference Proceedings, 2016, , .	0.4	7
115	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
116	Unique magnetic structure of YbCo <sub>2</sub> Si <sub>2</sub> . Physical Review B, 2016, 94, .	3.2	2
117	Synthesis of carbon encapsulated SiO <sub>2</sub> nanoparticles from rice husk and its application in solar to steam conversion. AIP Conference Proceedings, 2016, , .	0.4	0
118	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. International Journal of Environmental Studies, 2016, 73, 79-94.	1.6	17
119	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_2$ . Physical Review B, 2015, 92, .	3.2	7
120	Dielectric relaxation in YMnO <sub>3</sub> single crystals. Journal of Alloys and Compounds, 2015, 638, 228-232.	5.5	22
121	Raman Spectra of Multiferroics TbMnO <sub>3</sub> . Advanced Materials Research, 2015, 1112, 23-26.	0.3	1
122	Synthesis of silver nanoparticles by chemical reduction at various fraction of MSA and their structure characterization. AIP Conference Proceedings, 2014, , .	0.4	11
123	Preface: Proceeding of the 3rd International Conference on Theoretical and Applied Physics (ICTAP) Tj ETQq1 1 0.784314 rgBJ /Overlock		
124	Synthesis and characterization of black, red and yellow nanoparticles pigments from the iron sand. AIP Conference Proceedings, 2014, , .	0.4	23
125	Effect of mechanical milling on particle size, magnetic susceptibility and dielectric of synthetic toner colorant magnetite extracted from Indonesian iron sand. . 2014.		1
126	Orbital superexchange and crystal field simultaneously at play in YVO <sub>3</sub> : Resonant inelastic x-ray scattering at the V-L edge and the O-K edge	3.2	24



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127	Dynamics of photo-excited electrons in magnetically ordered TbMnO <sub>3</sub> . Journal of Physics Condensed Matter, 2013, 25, 116007.	1.8	16
128	Photo-induced modulation of ferroelectric polarization in multiferroic TbMnO <sub>3</sub> , .		0
129	Spin-lattice coupling in iron jarosite. Journal of Solid State Chemistry, 2012, 195, 50-54.	2.9	2
130	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
131	Aurivillius phases of PbBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> doped with Mn <sup>3+</sup> synthesized by molten salt technique: Structure, dielectric, and magnetic properties. Journal of Solid State Chemistry, 2011, 184, 1318-1323.	2.9	33
132	Magnetolectric coupling in MnTiO <sub>3</sub> . Physical Review B, 2011, 83, .	3.2	96
133	Magnetic transitions in YbCo <sub>2</sub> Si <sub>2</sub> . Journal of Physics: Conference Series, 2010, 200, 032031.	0.4	6
134	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
135	Magnetodielectric coupling in frustrated spin systems: the spinels MCr <sub>2</sub> O <sub>4</sub> (M = Mg, Ni, Zn, Co, Mn, Fe, Cu). Journal of Physics: Condensed Matter, 2009, 21, 184302.	1.8	14
136	Changes of spin dynamics in multiferroic. Physica B: Condensed Matter, 2009, 404, 785-788.	2.7	3
137	Magnetodielectric coupling in MnCr <sub>2</sub> O <sub>4</sub> spinel. Journal of Magnetism and Magnetic Materials, 2009, 321, 1767-1769.	2.3	33
138	Magnetodielectric coupling by exchange striction in Y <sub>2</sub> Cu <sub>2</sub> O <sub>5</sub> . European Physical Journal B, 2009, 71, 393-399.	1.5	20
139	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
140	Large Coupled Magnetoresponses in EuNbO <sub>2</sub> N. Journal of the American Chemical Society, 2008, 130, 12572-12573.	13.7	95
141	Relaxor ferroelectric behavior in Ca-doped TbMnO <sub>3</sub> . Physical Review B, 2008, 78, .	3.2	29
142	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
143	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
144	Modification of Electrical Properties of Silver Nanoparticle. , 0, .		13

#	ARTICLE	IF	CITATIONS
145	Photoelectrochemical Performance of ZnO Nanorods Grown on Stainless Steel Substrate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012023.	0.6	7
146	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
147	Study on Distribution of Magnetite ( $Fe_{3-x}Mn_xO_4$ ) Filler in $Fe_{3-x}Mn_xO_4$ -PEG/PVA/PVP Magnetic Hydrogel by Using Twolognormal Function Analysis. IOP Conference Series: Materials Science and Engineering, 0, 515, 012024.	0.6	3
148	Time-Dependent Ultrasonic Assisted Recovery of Platinum from Spent Removing Catalyst of $Pt/Al_2O_3$ by Acid Leaching. IOP Conference Series: Materials Science and Engineering, 0, 515, 012068.	0.6	2
149	The Effect of Photoanode $TiO_2/ZnO$ 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
150	<i>In-situ</i> High-Resolution Transmission Electron Microscopy and X-ray Diffraction Studies on Nanostructured $SiC$ and Its Promising Feature for Photocatalytic Hydrogen Production. IOP Conference Series: Materials Science and Engineering, 0, 515, 012012.	0.6	5
151	Recyclable Natural Magnetite Nanoparticles for Effective Degradation of Methylene Blue in Water under UV Light Irradiation. Key Engineering Materials, 0, 855, 315-321.	0.4	0
152	Annealing Temperature Effect of ZnO Seed Layer on Integrated Photosupercapacitor Performance. Key Engineering Materials, 0, 851, 16-24.	0.4	0
153	Adsorption Properties of Magnetic Sorbent $Mn_{0.25}Fe_{2.75}O_4@SiO_2$ for Mercury Removal. Key Engineering Materials, 0, 851, 197-204.		2
154	Fabrication of Bilayer $Fe_2O_3/ZnO$ Photoanode and its Photoelectrochemical Performance. Key Engineering Materials, 0, 851, 32-37.	0.4	0
155	Hydrothermal synthesis of $ABi_2Ta_2O_9$ Aurivillius phase: A comparative study of A-site cation size on structure, dielectric, optical properties. Journal of Advanced Dielectrics, 0, , .	2.4	1