Nandang Mufti

List of Publications by Year in Descending Order

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	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	1.4	1
131	Structural transformation in Mn-substituted Sr2Bi2Ta2TiO12 Aurivillius phase synthesized by hydrothermal method: A comparative study and dielectric properties. *Ceramics International*, **2021**, 47, 8014-8019	5.1	0
130	Structure-property relationships in the lanthanide-substituted PbBi2Nb2O9 Aurivillius phase synthesized by the molten salt method. *Journal of Alloys and Compounds*, **2021**, 860, 158440	5.7	3
129	The functionalization of Mn0.25Fe2.75O4/Ag-CMC/PVA ferrogel as antibacterial agent. *Materials Today: Proceedings*, **2021**, 44, 3336-3340	1.4	
128	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO2/Fe3O4 Nanocomposites Manufactured from Natural Sand. *Nano*, **2021**, 16, 2150017	1.1	1
127	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	
126	The influence of light intensity on the performance of FTO/TiO2-ZnO- carotene-quercetin/carbon/Al/PVDF-BaTiO3/Al photosupercapacitors. *Materials Today: Proceedings* , **2021**, 44, 3390-3394	1.4	1
125	Potential of nanooxidic materials and structures of photoanodes for DSSCs **2021**, 213-247		
124	The enhanced of photoresponse of ZnO nanorods film-coated by Cu2O. *Journal of Physics: Conference Series*, **2020**, 1572, 012076	0.3	
123	Synthesis of magnetite/silica nanocomposites from natural sand to create a drug delivery vehicle. *Heliyon*, **2020**, 6, e03784	3.6	21
122	The improvement of Triboelectric effect of ZnO Nanorods/PAN in flexible Nanogenerator by adding TiO2 nanoparticle. *Journal of Polymer Research*, **2020**, 27, 1	2.7	5
121	Synthesis of Sr1+2xLa1-2xFe1-xNbxO4 (x=0, 0.1, 0.3, and 0.5) by Sol-gel Method: Structural, Magnetic, and Dielectric Properties. *ChemistrySelect*, **2020**, 5, 6299-6304	1.8	
120	Electrocaloric effect of alkali co-substituted Sr0.6Ba0.4Nb2O6 ceramics. *Journal of Alloys and Compounds*, **2020**, 844, 156132	5.7	4
119	Study on optical absorption and conductivity of hybrid ZnO nanorod/graphene **2020**,		2
118	Ratio effect of salt fluxes on structure, dielectric and magnetic properties of La,Mn-doped PbBi2Nb2O9 Aurivillius phase. *Ceramics International*, **2020**, 46, 14822-14827	5.1	4
117	Magneto-thermal behavior of MnxFe3-xO4-PVA/PVP magnetic hydrogel and its potential application **2020**,		4
116	Synthesis and characterization of CIGS/ZnO film by spin coating method for solar cell application **2020**,		1

115	Synthesis and characterization of CIGS ink by hot injection method **2020**,		1
114	Study of Nanostructural, Electrical, and Optical Properties of Mn0.6Fe2.4O4-PEG/PVP/PVA Ferrogels for Optoelectronic Applications. *Journal of Inorganic and Organometallic Polymers and Materials*, **2020**, 30, 4278-4288	3.2	2
113	Direct formation of ZnO nanorods by hydrothermal process: study on its optical properties and electron transport. *Materials Science-Poland*, **2020**, 38, 91-96	0.6	
112	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	0.3	2
111	Synthesis of FeO/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. *Heliyon*, **2020**, 6, e05813	3.6	8
110	Effects of ZnO nanoparticles on the antifungal performance of Fe3O4/ZnO nanocomposites prepared from natural sand. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, **2020**, 11, 045004	1.6	2
109	Structural and multiferroic properties in double-layer Aurivillius phase Pb0.4Bi2.1La0.5Nb1.7Mn0.3O9 prepared by molten salt method. *Journal of Alloys and Compounds*, **2020**, 820, 153145	5.7	8
108	Review of CIGS-based solar cells manufacturing by structural engineering. *Solar Energy*, **2020**, 207, 1146-1157	4.8	47
107	The fitting kinetic evaluation during co-pyrolysis of coal and water hyacinth (Eichhornia crassipes) to explore its potential for energy **2020**,		1
106	Preparation and Characterization of Magnetite/PEG Nanoparticles Combined with Curcumin for Drug Delivery Application. *Key Engineering Materials*, **2020**, 855, 299-307	0.4	2
105	Recyclable Natural Magnetite Nanoparticles for Effective Degradation of Methylene Blue in Water under UV Light Irradiation. *Key Engineering Materials*, **2020**, 855, 315-321	0.4	
104	The Performance of Molecularly Imprinted Polymers (MIPs) - Modified Carbon Paste Electrode and Its Application in Detecting Phenol. *International Journal of Electrochemical Science*, **2020**, 5477-5486	2.2	3
103	Annealing Temperature Effect of ZnO Seed Layer on Integrated Photosupercapacitor Performance. *Key Engineering Materials*, **2020**, 851, 16-24	0.4	
102	Adsorption Properties of Magnetic Sorbent Mn0.25Fe2.75O4@SiO2 for Mercury Removal. *Key Engineering Materials*, **2020**, 851, 197-204	0.4	2
101	Fabrication of Bilayer Fe2O3/ZnO Photoanode and its Photoelectrochemical Performance. *Key Engineering Materials*, **2020**, 851, 32-37	0.4	
100	The effect of Mn doping on nano structure and magnetic properties of MnxFe3-xO4-PEG/PVP/PVA based ferrogel. *Journal of Polymer Research*, **2020**, 27, 1	2.7	1
99	The effect of polymer gel electrolytes between PAN and PMMA on perovskite solar cells performance synthesized in ambient condition **2020**,		1
98	Investigation of magnetic properties and anti-microbial activity of Mn0.25Fe2.75O4/Ag composites **2020**,		2

97	Strain relaxation dynamics of multiferroic orthorhombic manganites. *Journal of Physics Condensed Matter*, **2020**,	1.8	1
96	Dependence of PEO content in the preparation of Fe3O4/PEO/TMAH ferrofluids and their antibacterial activity. *Journal of Polymer Research*, **2020**, 27, 1	2.7	6
95	Efficiency Comparison between DC and AC Grid Toward Green Energy In Indonesia **2019**,		2
94	Effect of Immersion Cycle on Photoelectrochemical Properties of Cu2O Thin Films on Stainless Steel Substrate Prepared by Chemical Bath Deposition Method. *Materials Today: Proceedings*, **2019**, 13, 193-198	1.4	1
93	The Effect of PANI Fraction on Photo Anode Based on TiO2-PANI /ITO DSSC with β-carotene as Dye Sensitizer on its Structure, Absorbance, and Efficiency. *Materials Today: Proceedings*, **2019**, 17, 1197-1209	1.4	3
92	Performance of Pterocarpus Indicus Willd Leaf Extract as Natural Dye TiO2-Dye/ITO DSSC. *Materials Today: Proceedings*, **2019**, 17, 1268-1276	1.4	8
91	The Influence of Immerse Times PbI2 in CH3NH3I Solutions on Microstructure and Perovskite Solar Cell Performance. *Materials Today: Proceedings*, **2019**, 13, 205-210	1.4	2
90	Synthesis, structural analysis and dielectric properties of the double-layer Aurivillius compound Pb1-2xBi1.5+2xLa0.5Nb2-xMnxO9. *Ceramics International*, **2019**, 45, 17276-17282	5.1	6
89	Preparation and Characterization of Magnetite Nanoparticles Combined with Polyaniline and Activated Carbon. *IOP Conference Series: Earth and Environmental Science*, **2019**, 276, 012041	0.3	2
88	The effect of Cu2O 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
87	Study on Distribution of Magnetite (Fe3-xMnxO4) Filler in Fe3-xMnxO4-PEG/PVA/PVP Magnetic Hydrogel by Using Twolognormal Function Analysis. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012024	0.4	2
86	Improved Solar Cell and Photoresponse Performance of CH3NH3PbI3 Perovskite with ZnO Nanorods. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012089	0.4	3
85	Time-Dependent Ultrasonic Assisted Recovery of Platinum from Spent Removing Catalyst of Pt/Al2O3 by Acid Leaching. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012068	0.4	
84	The Influence of Alternating Magnetic Field Frequency on Magneto-Thermal Behavior of Mn0.25Fe2.75O4@PANI Material. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012035	0.4	2
83	The Effect of Photoanode TiO2/ZnO Ratio in Perovskite Solar Cell and Its Photosensitivity and Solar Cell Performance. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012007	0.4	3
82	Study on Structural Characters of Nano-sized Hydroxyapatite Prepared from Limestone. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012020	0.4	0
81	Nanostructural Properties of Fe3-xZnxO4-PEG/Carboxymethyl Cellulose/Polyvinyl Alcohol Magnetic Hydrogel by Using SAXS. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012026	0.4	0
80	Photoelectrochemical Performance of ZnO Nanorods Grown on Stainless Steel Substrate. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012023	0.4	5

79	Magnesiothermic Reduction Synthesis of Silicon Carbide with Varying Temperatures: Structural and Mechanical Features. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012079	0.4	3
78	Identification of Nanostructural and Specific Absorption Rate (SAR) on Mn0.25Fe2.75O4/Ag Nanoparticle Composites. *IOP Conference Series: Earth and Environmental Science*, **2019**, 276, 012062	0.3	2
77	Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012081	0.4	2
76	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	0.4	0
75	Concentration Effect of Ferrofluids in Ferrogels on Their Magnetic and Magneto-elasticity Behaviors. *Materials Today: Proceedings*, **2019**, 17, 1720-1727	1.4	1
74	Temperature-Induced on the Phase Formation and Its Microstructure of LiNiPO4/C Cathode Materials for Lithium-Ion Batteries. *Materials Today: Proceedings*, **2019**, 13, 241-245	1.4	1
73	The Impact of Growth Temperature on Nanorod Morphology and Optical Properties for CH3NH3PbI3 Perovskite Solar Cell Device Application. *Materials Today: Proceedings*, **2019**, 17, 1627-1636	1.4	1
72	Structural, Magnetic, Optical and Antibacterial Properties of Magnetite Ferrofluids with PEG-20000 Template. *Materials Today: Proceedings*, **2019**, 17, 1728-1735	1.4	2
71	Synthesis and Crystal Structure Analysis of LiNiSixP1-xO4/C as a Cathode Material for the Lithium-ion Batteries Application. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012043	0.4	2
70	Effect of Stirring Duration on Hardness and Antibacterial Characteristics of Polyethylene Glycol-Hydroxyapatite Nanocomposites. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012073	0.4	3
69	Recovery of Platinum from Spent Removing Catalyst of Pt/Al2O3 by Ultrasonic-Assisted Acid Leaching. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012052	0.4	0
68	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe3O4/ZnO core-shell nanocomposite. *Molecular Crystals and Liquid Crystals*, **2019**, 694, 49-59	0.5	1
67	Investigation of structural, magnetic and antibacterial activities of CrxFe3−xO4 ferrofluids. *Molecular Crystals and Liquid Crystals*, **2019**, 694, 60-72	0.5	7
66	In-situ High-Resolution Transmission Electron Microscopy and X-ray Diffraction Studies on Nanostructured β-SiC and Its Promising Feature for Photocatalytic Hydrogen Production. *IOP Conference Series: Materials Science and Engineering*, **2019**, 515, 012012	0.4	1
65	Preparation, Structural and Dielectric Behaviors of CoxMn1-xMn2O4 (0 ≤ x ≤ 1) Nanoparticles. *IOP Conference Series: Materials Science and Engineering*, **2018**, 367, 012050	0.4	2
64	Contributions of TMAH Surfactant on Hierarchical Structures of PVA/Fe3O4–TMAH Ferrogels by Using SAXS Instrument. *Journal of Inorganic and Organometallic Polymers and Materials*, **2018**, 28, 2206-2212	3.2	9
63	Deformation of Ferrogel Based on Carboxyl Methyl Cellulose (CMC)/Polyvinyl Alcohol (PVA) Hydrogel. *IOP Conference Series: Materials Science and Engineering*, **2018**, 367, 012016	0.4	3
62	Preparation of Superparamagnetic Fe3O4 Nanoparticles from Iron Sand Mediated by Soft Template and Their Performance as Antibacterial Agent. *Journal of Magnetics*, **2018**, 23, 337-344	1.9	5

61	UV Irradiation Enhanced In-Vitro Cytotoxic Effects of ZnO Nanoparticle on Human Breast Cancer. *Journal of Physics: Conference Series*, **2018**, 1093, 012046	0.3	0
60	Structural, Optical, and Antifungal Characters of Zinc Oxide Nanoparticles Prepared by Sol-gel Method. *Journal of Physics: Conference Series*, **2018**, 1093, 012001	0.3	8
59	The Growth of ZnO Nanorods on Stainless-steel foils and Its Application for Piezoelectric Nanogenerator. *Journal of Physics: Conference Series*, **2018**, 1093, 012004	0.3	2
58	Effect of Template on Structural and Band Gap Behaviors of Magnetite Nanoparticles. *Journal of Physics: Conference Series*, **2018**, 1093, 012020	0.3	3
57	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. *Scanning*, **2018**, 2018, 6545803	1.6	11
56	Effect of Polyethylene Glycol (PEG) on Particle Distribution of Mn0.25Fe2.75O4-PEG 6000 Nanoparticles. *Journal of Physics: Conference Series*, **2018**, 1093, 012005	0.3	
55	Fabrication of PAN/ZnO Nanofibers by Electrospinning as Piezoelectric Nanogenerator. *Journal of Physics: Conference Series*, **2018**, 1093, 012024	0.3	2
54	Band Gap Shift and Electrical Conductivity of (Ag-xSnO2)NPs-□Carotene Thin Film. *Journal of Physics: Conference Series*, **2018**, 1093, 012032	0.3	1
53	Distribution of Silver (Ag) Nanoparticle in PVA/Ag Nanofiber Fabricated by Electrospinning Method. *Journal of Physics: Conference Series*, **2018**, 1093, 012045	0.3	0
52	Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite. *IOP Conference Series: Materials Science and Engineering*, **2018**, 367, 012025	0.4	2
51	Structural, Band Gap Energy, and Magnetic Characters of Fe2.9Cr0.1O4 Nanoparticles for Preparing Ferrofluids. *Journal of Physics: Conference Series*, **2018**, 1091, 012029	0.3	
50	Functional Group and Magnetic Properties of Fe3O4 Ferrofluids: The Impact of Dispersion Agent Composition. *Journal of Physics: Conference Series*, **2018**, 1093, 012010	0.3	7
49	Synthesis and Characterization of ZnO Nanorods by Hydrothermal Methods and Its Application on Perovskite Solar Cells. *Journal of Physics: Conference Series*, **2018**, 1093, 012012	0.3	5
48	The Effect of ZnO Nanorods Morphology on Electrical Properties of Perovskite Solar Cells. *Journal of Physics: Conference Series*, **2018**, 1093, 012028	0.3	4
47	Problem Solving Skills on Direct Current Electricity through Inquiry-Based Learning with PhET Simulations. *International Journal of Instruction*, **2018**, 11, 123-138	1.7	10
46	The Effect of Growth Temperature on The Characteristics Of ZnO Nanorods And Its Optical Properties. *Journal of Physics: Conference Series*, **2018**, 1057, 012005	0.3	10
45	Modification of Electrical Properties of Silver Nanoparticle **2018**,		11
44	Growth of CH3NH3PbI3 Perovskite on Stainless Steel Substrate Layered by ZnO Nanoparticles Using One-Step Spin Coating Route. *Journal of Physics: Conference Series*, **2018**, 1011, 012011	0.3	1

43	Analysis of Distribution of Polyvinyl Alcohol Hydrogel Nanocrystalline by using SAXS Synchrotron. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012041	0.4	4
42	Synthesis, Investigation on Structural and Magnetic Behaviors of Spinel M-Ferrite [M = Fe; Zn; Mn] Nanoparticles from Iron Sand. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012052	0.4	11
41	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	0.3	1
40	Effect of NiO and Light Intensity on Dielectric Constant of SiO2-B2O3-Bi2O3-Na2CO3 Glass Based on Silica Gel of Natural Sands. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012056	0.4	
39	The Role of Fe2O3 and Light Induced on Dielectric Properties of Borosilicate Glass. *Journal of Physics: Conference Series*, **2017**, 846, 012007	0.3	1
38	Optimalization of Freezing-Thawing Process in Enhancing Magnetic Properties of Fe3O4/PAA/PVA Magnetic Hydrogel Composites. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012007	0.4	1
37	Fabrication of Magnetite Nanoparticles Dispersed in Olive Oil and Their Structural and Magnetic Investigations. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012008	0.4	6
36	The Effect of Thickness of ZnO Thin Films on Hydrophobic Self-Cleaning Properties. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012006	0.4	7
35	Preparation of Superparamagnetic Zn0.5Mn0.5Fe2O4Particle by Coprecipitation-Sonochemical Method for Radar Absorbing Material. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012024	0.4	1
34	Effect of Growth Time on the Characteristics of ZnO Nanorods. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012050	0.4	17
33	Effect of Precursor Concentration Ratio on The Crystal Structure, Morphology, and Band Gap of ZnO Nanorods. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012074	0.4	4
32	Effect of Fe3O4 on the Electro-Optic and Magneto-Electric Characteristics of (PANI/Fe3O4)-Ag Film. *IOP Conference Series: Materials Science and Engineering*, **2017**, 202, 012062	0.4	1
31	The effect of TiO2thin film thickness on self-cleaning glass properties. *Journal of Physics: Conference Series*, **2017**, 853, 012035	0.3	9
30	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	0.4	5
29	Problem Solving Approach in Electrical Energy and Power on Students as Physics Teacher Candidates. *Jurnal Pendidikan IPA Indonesia*, **2017**, 6,	2.9	4
28	Unique magnetic structure of YbCo2Si2. *Physical Review B*, **2016**, 94,	3.3	1
27	Fe3O4 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	1.8	11
26	Synthesis and characterization of highly purified nanosilica from pyrophyllite ores **2016**,		6

25	Synthesis and photocatalytic properties of Fe3O4@TiO2 core-shell for degradation of Rhodamine B **2016**,		4
24	Raman Spectra of Multiferroics TbMnO3. *Advanced Materials Research*, **2015**, 1112, 23-26	0.5	0
23	Correlation between lattice vibrations with charge, orbital, and spin ordering in the layered manganite Pr0.5Ca1.5MnO4. *Physical Review B*, **2015**, 92,	3.3	6
22	Dielectric relaxation in YMnO3 single crystals. *Journal of Alloys and Compounds*, **2015**, 638, 228-232	5.7	18
21	Fabrication of Silver Nanoparticles and its Films and their Characterization of Structure and Electrical Conductivity. *Advanced Materials Research*, **2014**, 896, 341-346	0.5	1
20	Synthesis of silver nanoparticles by chemical reduction at various fraction of MSA and their structure characterization **2014**,		7
19	Synthesis and characterization of black, red and yellow nanoparticles pigments from the iron sand **2014**,		18
18	Effect of mechanical milling on particle size, magnetic susceptibility and dielectric of synthetic toner colorant magnetite extracted from Indonesian iron sand **2014**,		1
17	Orbital superexchange and crystal field simultaneously at play in YVO3: Resonant inelastic x-ray scattering at the V L edge and the O K edge. *Physical Review B*, **2013**, 88,	3.3	21
16	Dynamics of photo-excited electrons in magnetically ordered TbMnO3. *Journal of Physics Condensed Matter*, **2013**, 25, 116007	1.8	13
15	Spin□attice coupling in iron jarosite. *Journal of Solid State Chemistry*, **2012**, 195, 50-54	3.3	2
14	One-step synthesis of silica-coated magnetite nanoparticles by electrooxidation of iron in sodium silicate solution. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	39
13	Aurivillius phases of PbBi4Ti4O15 doped with Mn3+ synthesized by molten salt technique: Structure, dielectric, and magnetic properties. *Journal of Solid State Chemistry*, **2011**, 184, 1318-1323	3.3	28
12	Magnetoelectric coupling in MnTiO3. *Physical Review B*, **2011**, 83,	3.3	81
11	Magnetodielectric coupling in frustrated spin systems: the spinels MCr□□(M = Mn, Co and Ni). *Journal of Physics Condensed Matter*, **2010**, 22, 075902	1.8	76
10	Magnetic transitions in YbCo2Si2. *Journal of Physics: Conference Series*, **2010**, 200, 032031	0.3	6
9	Pronounced basal plane anisotropy in the magnetoresistance of YbCo2Si2. *Physica Status Solidi (B): Basic Research*, **2010**, 247, 743-746	1.3	5
8	Changes of spin dynamics in multiferroic Tb1-xCaxMnO3. *Physica B: Condensed Matter*, **2009**, 404, 785-788	1.8	3

7	Magnetodielectric coupling in MnCr2O4 spinel. *Journal of Magnetism and Magnetic Materials*, **2009**, 321, 1767-1769	2.8	25
6	Magnetodielectric coupling by exchange striction in Y2Cu2O5. *European Physical Journal B*, **2009**, 71, 393-399	1.2	18
5	Magnetic field induced ferroelectric to relaxor crossover in Tb(1-x)Ca(x)MnO(3). *Journal of Physics Condensed Matter*, **2009**, 21, 452203	1.8	1
4	Large coupled magnetoresponses in EuNbO2N. *Journal of the American Chemical Society*, **2008**, 130, 12570-3	10.4	86
3	Relaxor ferroelectric behavior in Ca-doped TbMnO3. *Physical Review B*, **2008**, 78,	3.3	26
2	Synthesis and Characterization of a Bimetallic Oxalate-Based Magnet: [(C4H9)4P][M(II)Cr(ox)3] M(II) = Mn, Fe, Co, Ni, Cu. *Current Research in Chemistry*, **2008**, 1, 1-7	0	5
1	The effect of Ag nanoparticles in Ag/polyvinyl alcohol nanofiber composites. *Polymer Bulletin*,1	2.4	0