Chikkadasappa Shivakumara

List of Publications by Year
in descending order

186 papers	7,089 citations	38742 50 h-index	82547 72 g-index
189 all docs	189 docs citations	189 times ranked	7180 citing authors

#	Article	IF	Citations
1	Evaluation of antimycobacterial, antioxidant, and anticancer activities of CuO nanoparticles through cobalt doping. Applied Nanoscience (Switzerland), 2022, 12, 79-86.	3.1	9
2	Electroreduction of Carbon Dioxide into Selective Hydrocarbons at Low Overpotential Using Isomorphic Atomic Substitution in Copper Oxide. ACS Sustainable Chemistry and Engineering, 2020, 8, 179-189.	6.7	11
3	Effect of doping (with cobalt or nickel) and UV exposure on the antibacterial, anticancer, and ROS generation activities of zinc oxide nanoparticles. Journal of Asian Ceramic Societies, 2020, 8, 1175-1187.	2.3	17
4	Enhanced catechol biosensing on metal oxide nanocrystal sensitized graphite nanoelectrodes through preferential molecular adsorption. Journal of Electroanalytical Chemistry, 2020, 867, 114190.	3.8	15
5	Chonemorpha grandifloraextract mediated synthesis of Ag-ZnO nanoparticles for its anticancer, electrical and dielectric applications. Materials Research Express, 2019, 6, 095068.	1.6	12
6	The orange red luminescence and conductivity response of Eu³⁺ doped GdOF phosphor: synthesis, characterization and their Judd-Ofelt analysis. Materials Research Express, 2019, 6, 1250a2.	1.6	4
7	Electrochemical insights into layered La2CuO4 perovskite: Active ionic copper for selective CO2 electroreduction at low overpotential. Electrochimica Acta, 2019, 326, 134952.	5.2	19
8	Effect of Ca²⁺ ion co-doping on radiative properties via tuning the local symmetry around the Eu³⁺ ions in orange red light emitting GdPO₄:Eu³⁺ phosphors. New Journal of Chemistry, 2019, 43, 63-71.	2.8	20
9	EPR and Optical Properties of UV-B Radiation-Emitting Gd3+-Doped BaLa2ZnO5 Host Prepared by Solâ€“Gel Method. Journal of Electronic Materials, 2019, 48, 3415-3422.	2.2	5
10	Blue emitting Ce3+-doped CaYAl3O7 phosphors prepared by combustion route. Optik, 2019, 181, 1113-1121.	2.9	18
11	Synthesis and structural characterization of orange red light emitting Sm3+ activated BiOCl phosphor for WLEDs applications. Journal of Alloys and Compounds, 2019, 785, 169-177.	5.5	63
12	Alkali metal ion co-doped Eu3+ activated GdPO4 phosphors: Structure and photoluminescence properties. Journal of Alloys and Compounds, 2018, 740, 1086-1098.	5.5	52
13	Effect of Li, Na, K cations on photoluminescence of GdAlO3:Eu3+ nanophosphor and study of Li cation on its antimicrobial activity. Journal of Alloys and Compounds, 2018, 732, 725-739.	5.5	29
14	Understanding the photoluminescence behaviour in nano CaZrO 3 :Eu 3+ pigments by Judd-Ofelt intensity parameters. Dyes and Pigments, 2018, 150, 306-314.	3.7	67
15	Synthesis and characterization of Sm3+ activated La1â^'xGdxPO4 phosphors for white LEDs applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 19951-19964.	2.2	27
16	Structural Studies of Multifunctional SrTiO₃ Nanocatalyst Synthesized by Microwave and Oxalate Methods: Its Catalytic Application for Condensation, Hydrogenation, and Amination Reactions. ACS Omega, 2018, 3, 10503-10512.	3.5	21
17	A novel amperometric catechol biosensor based on Î±-Fe₂O₃ nanocrystals-modified carbon paste electrode. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 625-634.	2.8	24
18	Photoluminescence and photocatalytic properties of Eu3+-doped ZnO nanoparticles synthesized by the nitrate-citrate gel combustion method. European Physical Journal Plus, 2017, 132, 1.	2.6	17

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19	A potential white light emitting cubic ZrO2:Dy3+,ÂLi+ nano phosphors for solid state lighting applications. Journal of Luminescence, 2017, 192, 496-503.	3.1	24
20	Synthesis, structure and thermoelectric properties of $$mathrm{La}_{1-x}mathrm{Na}_{x}mathrm{CoO}_{3 }$$ La 1 - x Na x CoO 3 perovskite oxides. Bulletin of Materials Science, 2017, 40, 1291-1299.	1.7	17
21	Dy3+/Eu3+ co-doped CsGd(MoO4)2 phosphor with tunable photoluminescence properties for near-UV WLEDs applications. Dyes and Pigments, 2017, 137, 244-255.	3.7	105
22	Combustion synthesis and characterisation of Eu³⁺-activated Y<SUB align="right">2O<SUB align="right">3 red nanophosphors for display device applications. International Journal of Nanotechnology, 2017, 14, 833.	0.2	11
23	Synthesis, characterisation and spectroscopic properties of GdOF:Eu³⁺ phosphors and their Judd-Ofelt analysis. International Journal of Nanotechnology, 2017, 14, 727.	0.2	5
24	Study of (La,Gd)OCl:Eu³⁺ phosphors for WLEDs application: photoluminescence and Judd-Ofelt analysis. International Journal of Nanotechnology, 2017, 14, 801.	0.2	3
25	Effects of monovalent cation doping on the structure and photoluminescence of GdAlO<SUB align="right">3:Eu³⁺ phosphor. International Journal of Nanotechnology, 2017, 14, 793.	0.2	6
26	Synthesis, structure and photoluminescence properties of Sm3+-doped BiOBr phosphor. AIP Conference Proceedings, 2016, , .	0.4	8
27	Structure and Catalytic Activity of Cr-Doped BaTiO₃ Nanocatalysts Synthesized by Conventional Oxalate and Microwave Assisted Hydrothermal Methods. Inorganic Chemistry, 2016, 55, 4795-4805.	4.0	49
28	Charge compensation assisted enhancement of photoluminescence in combustion derived Li⁺ co-doped cubic ZrO₂:Eu³⁺ nanophosphors. Physical Chemistry Chemical Physics, 2016, 18, 29447-29457.	2.8	50
29	Red-emitting LaOF:Eu 3+ phosphors: Synthesis, structure and their Juddâ€“Ofelt analysis for LED applications. Materials Research Bulletin, 2016, 75, 100-109.	5.2	37
30	White luminescence in Dy 3+ doped BiOCl phosphors and their Juddâ€“Ofelt analysis. Dyes and Pigments, 2016, 126, 154-164.	3.7	115
31	Incorporation of Cr 3+ ions in tuning the magnetic and transport properties of nano zinc ferrite. Journal of Alloys and Compounds, 2016, 657, 95-108.	5.5	5
32	Synthesis and photoluminescence properties of Eu3+ activated Ce0.5Al0.5O2-Î´ nanophosphors for WLEDs application. AIP Conference Proceedings, 2015, , .	0.4	0
33	Shape tailored green synthesis of CeO 2 :Ho 3+ nanopowders, its structural, photoluminescence and gamma radiation sensing properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 145, 63-75.	3.9	19
34	Pt-Doped and Pt-Supported La_{1â€“x}Sr_xCoO₃: Comparative Activity of Pt⁴⁺ and Pt⁰ Toward the CO Poisoning Effect in Formic Acid and Methanol Electro-oxidation. Journal of Physical Chemistry C, 2015, 119, 14126-14134.	3.1	32
35	Synthesis, characterization and photoluminescence properties of Bi3+ co-doped CaSiO3:Eu3+ nanophosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 124-129.	3.9	19
36	Luminescence enhancement in monoclinic CaAl2O4:Eu2+, Cr3+ nanophosphor by fuel-blend combustion synthesis. Chemical Engineering Journal, 2015, 267, 317-323.	12.7	29

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37	Synthesis of Eu³⁺-activated BiOF and BiOBr phosphors: photoluminescence, Juddâ€“Ofelt analysis and photocatalytic properties. RSC Advances, 2015, 5, 9241-9254.	3.6	79
38	Self-propagating combustion synthesis of CdSiO₃nano powder: structural and dosimetric applications. Materials Research Express, 2015, 2, 025005.	1.6	5
39	Synthesis of Eu3+-activated BaMoO4 phosphors and their Juddâ€“Ofelt analysis: Applications in lasers and white LEDs. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 141-148.	3.9	60
40	Eu3+-activated SrMoO4 phosphors for white LEDs applications: Synthesis and structural characterization. Optical Materials, 2015, 42, 178-186.	3.6	71
41	Comparative study of Eu3+-activated LnOCl (Ln=La and Gd) phosphors and their Judd-Ofelt analysis. Journal of Rare Earths, 2015, 33, 946-953.	4.8	31
42	Synthesis of Eu3+-activated ZnO superstructures: Photoluminescence, Juddâ€“Ofelt analysis and Sunlight photocatalytic properties. Journal of Molecular Catalysis A, 2015, 409, 26-41.	4.8	42
43	Effective Degradation of Aqueous Nitrobenzene Using the SrFeO_{3â^'Î´} Photocatalyst under UV Illumination and Its Kinetics and Mechanistic Studies. Industrial & Engineering Chemistry Research, 2015, 54, 7800-7810.	3.7	40
44	One pot auto-ignition based synthesis of novel Sr2CeO4: Ho3+ nanophosphor for photoluminescent applications. Journal of Alloys and Compounds, 2015, 648, 1051-1059.	5.5	14
45	Facile synthesis of PbWO4: Applications in photoluminescence and photocatalytic degradation of organic dyes under visible light. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 348-355.	3.9	36
46	Synthesis, luminescence properties and EPR investigation of hydrothermally derived uniform ZnO hexagonal rods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 262-270.	3.9	10
47	Photoluminescence, photocatalysis and Juddâ€“Ofelt analysis of Eu³⁺-activated layered BiOCl phosphors. RSC Advances, 2015, 5, 4109-4120.	3.6	85
48	Photoluminescence properties of Eu3+-activated CaMoO4 phosphors for WLEDs applications and its Juddâ€“Ofelt analysis. Journal of Materials Science, 2015, 50, 287-298.	3.7	70
49	CHARACTERIZATION AND MICROHARDNESS OF ELECTRODEPOSITED Niâ€“W COATINGS OBTAINED FROM GLUCONATE BATH. Surface Review and Letters, 2015, 22, 1550011.	1.1	12
50	Scheelite-type MWO4 (M=Ca, Sr, and Ba) nanophosphors: Facile synthesis, structural characterization, photoluminescence, and photocatalytic properties. Materials Research Bulletin, 2015, 61, 422-432.	5.2	66
51	Facile green fabrication of iron-doped cubic ZrO2 nanoparticles by Phyllanthus acidus: Structural, photocatalytic and photoluminescent properties. Journal of Molecular Catalysis A, 2015, 397, 36-47.	4.8	81
52	Phase transformation of ZrO2:Tb3+ nanophosphor: Color tunable photoluminescence and photocatalytic activities. Journal of Alloys and Compounds, 2015, 622, 86-96.	5.5	87
53	Combustion synthesized tetragonal ZrO2: Eu3+ nanophosphors: Structural and photoluminescence studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 241-251.	3.9	124
54	A highly efficient iron doped BaTiO₃ nanocatalyst for the catalytic reduction of nitrobenzene to azoxybenzene. RSC Advances, 2014, 4, 18881-18884.	3.6	10

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55	Synthesis, characterization and spectroscopic investigation of Cr3+ doped wollastonite nanophosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 403-407.	3.9	7
56	Gd1.96â˜'xYxEu0.04O3 (x=0.0, 0.49, 0.98, 1.47, 1.96mol%) nanophosphors: Propellant combustion synthesis, structural and luminescence studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 730-739.	3.9	29
57	Synthesis and luminescence properties of Sm3+ doped CaTiO3 nanophosphor for application in white LED under NUV excitation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 891-901.	3.9	59
58	Hydrothermal synthesis of Gd2O3:Eu3+ nanophosphors: Effect of surfactant on structural and luminescence properties. Journal of Alloys and Compounds, 2014, 587, 755-762.	5.5	49
59	Temperature dependent magnetic ordering and electrical transport behavior of nano zinc ferrite from 20 to 800K. Journal of Alloys and Compounds, 2014, 590, 184-192.	5.5	15
60	Magnetic and dielectric interactions in nano zinc ferrite powder: Prepared by self-sustainable propellant chemistry technique. Journal of Magnetism and Magnetic Materials, 2014, 358-359, 132-141.	2.3	36
61	Auto-ignition based synthesis of Y2O3 for photo- and thermo-luminescent applications. Journal of Alloys and Compounds, 2014, 585, 129-137.	5.5	56
62	Particle size, morphology and color tunable ZnO:Eu3+ nanophosphors via plant latex mediated green combustion synthesis. Journal of Alloys and Compounds, 2014, 584, 417-424.	5.5	84
63	Dielectric and electrical studies of Pr3+ doped nano CaSiO3 perovskite ceramics. Materials Research Bulletin, 2014, 50, 197-202.	5.2	29
64	Effect of zinc substitution on the nanocobalt ferrite powders for nanoelectronic devices. Journal of Alloys and Compounds, 2014, 587, 50-58.	5.5	77
65	Low temperature synthesis of pure cubic ZrO2 nanopowder: Structural and luminescence studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 216-222.	3.9	52
66	Mixture of Fuels Approach for the Synthesis of SrFeO_{3â˜'Î´} Nanocatalyst and Its Impact on the Catalytic Reduction of Nitrobenzene. Inorganic Chemistry, 2014, 53, 12178-12185.	4.0	38
67	GdAlO3:Eu3+:Bi3+ nanophosphor: Synthesis and enhancement of red emission for WLEDs. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 550-558.	3.9	34
68	Photoluminescence, thermoluminescence and EPR studies of solvothermally derived Ni2+ doped Y(OH)3 and Y2O3 multi-particle-chain microrods. Journal of Luminescence, 2014, 155, 125-134.	3.1	13
69	Plant latex mediated green synthesis of ZnAl2O4:Dy3+ (1â€“9mol%) nanophosphor for white light generation. Journal of Alloys and Compounds, 2014, 585, 561-571.	5.5	53
70	Synthesis, structural and thermoluminescence properties of YAlO3:Dy3+ nanophosphors. Journal of Alloys and Compounds, 2014, 591, 337-345.	5.5	9
71	Role of Cu2+ ions substitution in magnetic and conductivity behavior of nano-CoFe2O4. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 256-262.	3.9	47
72	Luminescence studies and EPR investigation of solution combustion derived Eu doped ZnO. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 305-312.	3.9	23

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73	Combustion synthesis approach for spectral tuning of Eu doped CaAl2O4 phosphors. Journal of Alloys and Compounds, 2014, 589, 596-603.	5.5	32
74	Comparison of structural and luminescence properties of Dy2O3 nanopowders synthesized by co-precipitation and green combustion routes. Materials Research Bulletin, 2014, 55, 237-245.	5.2	52
75	Eco-friendly green synthesis, structural and photoluminescent studies of CeO2:Eu3+ nanophosphors using E. tirucalli plant latex. Journal of Alloys and Compounds, 2014, 612, 425-434.	5.5	56
76	Self propagating combustion synthesis and luminescent properties of nanocrystalline CeO2:Tb3+ (1â€“10mol%) phosphors. Journal of Alloys and Compounds, 2014, 590, 131-139.	5.5	28
77	Synthesis, characterization, EPR and thermoluminescence properties of CaTiO3 nanophosphor. Materials Research Bulletin, 2013, 48, 1490-1498.	5.2	32
78	Synthesis, luminescence and EPR studies on CaSiO3: Pb, Mn-nano phosphors synthesized by the solution combustion method. Ceramics International, 2013, 39, 1917-1922.	4.8	19
79	Structural and magnetic properties of SmCo5/Co exchange coupled nanocomposite thin films. Journal of Magnetism and Magnetic Materials, 2013, 342, 74-79.	2.3	17
80	Structural, EPR, optical and magnetic properties of Î±-Fe2O3 nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 104, 512-518.	3.9	43
81	Effect of TiN particulate reinforcement on corrosive behaviour of aluminium 6061 composites in chloride medium. Bulletin of Materials Science, 2013, 36, 1057-1066.	1.7	23
82	Synthesis, characterization, EPR, photo and thermoluminescence properties of YAlO3:Ni2+ nanophosphors. Journal of Luminescence, 2013, 135, 105-112.	3.1	44
83	Effect of Calcination Temperature on Structural, Photoluminescence, and Thermoluminescence Properties of Y₂O₃:Eu³⁺ Nanophosphor. Journal of Physical Chemistry C, 2013, 117, 1915-1924.	3.1	142
84	Characterization and microhardness of Coâ^'W coatings electrodeposited at different pH using gluconate bath: A comparative study. Surface and Interface Analysis, 2013, 45, 1026-1036.	1.8	18
85	Electron paramagnetic resonance, magnetic and electrical properties of CoFe2O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2013, 339, 40-45.	2.3	45
86	Structural characterization, thermoluminescence and EPR studies of Nd2O3:Co2+ nanophosphors. Materials Research Bulletin, 2013, 48, 180-187.	5.2	30
87	Structural, iono and thermoluminescence properties of heavy ion (100MeV Si7+) bombarded Zn2SiO4:Sm3+ nanophosphor. Journal of Luminescence, 2013, 143, 409-417.	3.1	26
88	Electrical Properties of Nano Zinc Ferrites Prepared by Solution Combustion and Hydrothermal Methods. Materials Science Forum, 2012, 710, 721-726.	0.3	2
89	CdSiO3:Pr3+ nanophosphor: Synthesis, characterization and thermoluminescence studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 99, 279-287.	3.9	54
90	Spherical and rod-like Gd 2 O 3 :Eu 3â€‰+â€‰ nanophosphorsâ€”Structural and luminescent properties. Bulletin of Materials Science, 2012, 35, 519-527.	1.7	48

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91	Characterisation of microstructure and evaluation of optical and EPR properties of superhydrophobic copper dodecanoate films. Surface and Interface Analysis, 2012, 44, 412-417.	1.8	10
92	Synthesis, characterization, thermo- and photoluminescence properties of Bi3+ co-doped Gd2O3:Eu3+ nanophosphors. Applied Physics B: Lasers and Optics, 2012, 107, 503-511.	2.2	15
93	Structural, EPR, photo and thermoluminescence properties of ZnO:Fe nanoparticles. Materials Chemistry and Physics, 2012, 133, 876-883.	4.0	55
94	Structural and phase dependent thermo and photoluminescent properties of Dy(OH)3 and Dy2O3 nanorods. Materials Research Bulletin, 2012, 47, 2085-2094.	5.2	33
95	Enhanced photoluminescence of Gd2O3:Eu3+ nanophosphors with alkali (M=Li+, Na+, K+) metal ion co-doping. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 8-14.	3.9	83
96	Thermoluminescence and EPR studies of nanocrystalline Nd2O3:Ni2+ phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 228-234.	3.9	27
97	Swift heavy ion induced structural, iono and photoluminescence properties of Î²-CaSiO3:Dy3+ nanophosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 300-305.	3.9	11
98	Structural, EPR, optical and Raman studies of Nd2O3:Cu2+ nanophosphors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 94, 365-371.	3.9	25
99	Effect of different fuels on structural, thermo and photoluminescent properties of Gd2O3 nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 532-540.	3.9	86
100	Thermoluminescence response in gamma and UV irradiated Dy2O3 nanophosphor. Journal of Luminescence, 2012, 132, 1798-1806.	3.1	46
101	Thermoluminescence, photoluminescence and EPR studies on Mn2+ activated yttrium aluminate (YAlO3) perovskite. Journal of Luminescence, 2012, 132, 2409-2415.	3.1	23
102	On the magnetization reversal of the oxide-based exchange spring magnet. Journal of Applied Physics, 2011, 109, 07A761.	2.5	4
103	Synthesis and characterization of spherical and rod like nanocrystalline Nd2O3 phosphors. Journal of Alloys and Compounds, 2011, 509, 1146-1151.	5.5	58
104	Effect of Li+-ion on enhancement of photoluminescence in Gd2O3:Eu3+ nanophosphors prepared by combustion technique. Journal of Alloys and Compounds, 2011, 509, 2368-2374.	5.5	135
105	Structural, optical and EPR studies on ZnO:Cu nanopowders prepared via low temperature solution combustion synthesis. Journal of Alloys and Compounds, 2011, 509, 5349-5355.	5.5	272
106	Combustion synthesis, characterization and Raman studies of ZnO nanopowders. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 81, 53-58.	3.9	143
107	EPR, thermo and photoluminescence properties of ZnO nanopowders. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 81, 59-63.	3.9	58
108	Hydrothermal synthesis, characterization and Raman studies of Eu3+ activated Gd2O3 nanorods. Physica B: Condensed Matter, 2011, 406, 1639-1644.	2.7	43

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109	Thermo and photoluminescence properties of Eu3+ activated hexagonal, monoclinic and cubic gadolinium oxide nanorods. Physica B: Condensed Matter, 2011, 406, 1645-1652.	2.7	29
110	Synthesis, characterization and photoluminescence properties of CaSiO3:Eu3+ red phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 64-69.	3.9	72
111	EPR and photoluminescence studies of ZnO:Mn nanophosphors prepared by solution combustion route. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 476-480.	3.9	40
112	Synthesis, Structural Characterization and Thermoluminescence Properties of Î²-Irradiated Wollastonite Nanophosphor. Transactions of the Indian Ceramic Society, 2011, 70, 163-166.	1.0	4
113	Anamolously High Lithium Storage in Mesoporous Nanoparticulate Aggregation of Fe3+ Doped Anatase Titania. Journal of the Electrochemical Society, 2011, 158, A1290.	2.9	28
114	Synthesis and Characterization of Nano CoFe[sub 2]O[sub 4] by Low-Temperature Combustion Synthesis Using Different Fuels. , 2011, , .		1
115	Effect of Li[sup +]-dopant on Photoluminescence of Gd[sub 2]O[sub 3]:Eu[sup 3+]Nanophosphor. , 2011, , .		0
116	Effect of Î³-Irradiation on the Dielectric and Conductivity Properties of Nano-Wollastonite. ISRN Materials Science, 2011, 2011, 1-6.	1.0	13
117	Rapid Synthesis and Characterization of an Oxygen-Deficient Defect Perovskite La4BaCu5O13+Î´ Phase. ISRN Ceramics, 2011, 2011, 1-4.	0.2	2
118	A hybrid electrochemicalâ€“thermal method for the preparation of large ZnO nanoparticles. Journal of Nanoparticle Research, 2010, 12, 2667-2678.	1.9	78
119	Rapid synthesis of room temperature ferromagnetic Ag-doped LaMnO3 perovskite phases by the solution combustion method. Materials Research Bulletin, 2010, 45, 1685-1691.	5.2	28
120	Interlayer structure of iodide intercalated layered double hydroxides (LDHs). Journal of Colloid and Interface Science, 2010, 344, 508-512.	9.4	27
121	Synthesis, characterization and photoluminescence properties of Gd2O3:Eu3+ nanophosphors prepared by solution combustion method. Physica B: Condensed Matter, 2010, 405, 3795-3799.	2.7	29
122	Field induced spin reorientation transition in epitaxial La0.5Sr0.5CoO3 films. Journal of Magnetism and Magnetic Materials, 2010, 322, 3672-3675.	2.3	2
123	Synthesis of nanoparticles by precipitation method using sodium hexa metaphosphate as a stabilizer. Solid State Communications, 2010, 150, 386-388.	1.9	39
124	Hydrothermal synthesis and characterization of CaSO₄pseudomicrorods. Philosophical Magazine Letters, 2010, 90, 289-298.	1.2	10
125	Synthesis, characterization and photoluminescence properties of CaSiO₃: Dy³⁺nanophosphors. Philosophical Magazine, 2010, 90, 3567-3579.	1.6	25
126	High Rate Capability of a Dual-Porosity LiFePO₄/C Composite. ACS Applied Materials & Interfaces, 2010, 2, 2031-2038.	8.0	57

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127	Effect of fuel on the formation structure, transport and magnetic properties of LaMnO₃₊_{Î´}nanopowders. Philosophical Magazine, 2010, 90, 2009-2025.	1.6	15
128	Macroporous metal oxide foams through self-sustained combustion reactions. Journal of Porous Materials, 2009, 16, 205-208.	2.6	10
129	Synthesis, structural and ferromagnetic properties of La1âˆ’x K x MnO3 (0Â·0 â‰¤ x â‰¤ 0Â·25) phases by solution combustion method. Bulletin of Materials Science, 2009, 32, 443-449.	1.7	30
130	Observation of the exchange spring behavior in hardâ€“soft-ferrite nanocomposite. Journal of Magnetism and Magnetic Materials, 2009, 321, L11-L14.	2.3	124
131	Grapheneâ€“nanocrystalline metal sulphide composites produced by a one-pot reaction starting from graphite oxide. Carbon, 2009, 47, 2054-2059.	10.3	246
132	Phase separation versus spin glass behavior in La0.85Sr0.15CoO3. Journal of Applied Physics, 2009, 105, 07E320.	2.5	8
133	The incongruous observation of magnetic phase separation in La0.85Sr0.15CoO3 spin glass system. Journal of Applied Physics, 2009, 106, .	2.5	14
134	Nd₂O₃: Eu³⁺nanocrystalline phosphorâ€“a new potential thermoluminescing material for dosimetry. Philosophical Magazine Letters, 2009, 89, 589-597.	1.2	5
135	Synthesis, characterization, redox and photocatalytic properties of Ce1âˆ’xPdxVO4 (0â‰¤xâ‰¤0.1). Applied Catalysis B: Environmental, 2008, 84, 474-481.	20.2	32
136	The production of smectite clay/graphene composites through delamination and co-stacking. Carbon, 2008, 46, 1773-1781.	10.3	74
137	Magnetoresistive studies on nanocrystalline La0.8Sr0.2MnO3+Î´ manganite. Physica B: Condensed Matter, 2008, 403, 3360-3364.	2.7	16
138	Synthesis, structure and oxygen-storage capacity of Pr1âˆ’xZrxO2âˆ’Î´ and Pr1âˆ’xâˆ’yPdyZrxO2âˆ’Î´. Materials Research Bulletin, 2008, 43, 2658-2667.	5.2	17
139	Graphite Oxide-Intercalated Anionic Clay and Its Decomposition to Grapheneâˆ’Inorganic Material Nanocomposites. Langmuir, 2008, 24, 8240-8244.	3.5	115
140	Magnetoresistance studies on barium doped nanocrystalline manganite. Journal of Alloys and Compounds, 2008, 450, 364-368.	5.5	11
141	Magnetotransport study on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>0.5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>0.5</mml:mn></mml:msub><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></	3.2	11
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