

# Pabitra K Chakrabarti

## List of Publications by Year in descending order

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104  
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236925

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g-index

104  
all docs

104  
docs citations

104  
times ranked

1899  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiferroic properties and magnetoelectric coupling observed in nanocrystalline HoFeO <sub>3</sub> . Journal of Alloys and Compounds, 2022, 907, 164443.	5.5	12
2	Spin reorientation behavior and enhanced multiferroic properties of co-doped YFeO <sub>3</sub> towards a monophasic multiferroic ceramic Co <sub>0.05</sub> Y <sub>0.95</sub> Fe <sub>0.95</sub> Ti <sub>0.05</sub> O <sub>3</sub> . Advanced Powder Technology, 2022, 33, 103622.	4.1	8
3	Contrasting spectroscopic response of human hemoglobin in presence of graphene oxides and its reduced form: Comparative approach with carbon quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119079.	3.9	5
4	Rietveld analysis, enhanced magnetic, dielectric and ferroelectric properties of Gd <sup>3+</sup> and Ti <sup>4+</sup> co-doped LaFeO <sub>3</sub> multiferroic. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114810.	3.5	12
5	Electromagnetic-wave shielding promulgation of cluster like FZ@MWCNT composite incorporated in GO matrices by polarization relaxation and potential degradation. Materials Characterization, 2021, 172, 110884.	4.4	9
6	Synthesis, structural characterization, and studies of magnetic and dielectric properties of Gd <sup>3+</sup> doped cerium oxide (Ce <sub>0.90</sub> Gd <sub>0.10</sub> O <sub>2.8</sub> ). Journal of Alloys and Compounds, 2021, 865, 158838.	5.5	12
7	Electromagnetic shielding performance of Co <sub>0.5</sub> Zn <sub>0.4</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> -GO/paraffin wax hybrid nanocomposite through magnetic energy morphing prepared by facile synthesis method. Materials Today Communications, 2021, 27, 102190.	1.9	5
8	Structural, magnetic, electric and hyperfine behavior of a new multiferroic nanocomposite (Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>0.5</sub> (TiO <sub>2</sub> ) <sub>0.5</sub> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 273, 115454.	3.5	1
9	Magnetic Energy Morphing, Capacitive Concept for Ni <sub>0.3</sub> Zn <sub>0.4</sub> Ca <sub>0.3</sub> Fe <sub>2</sub> O <sub>4</sub> Nanoparticles Embedded in Graphene Oxide Matrix, and Studies of Wideband Tunable Microwave Absorption. ACS Applied Materials & Interfaces, 2021, 13, 46967-46979.	8.0	23
10	Mössbauer analysis and induction heating evaluation of grapes like FZ@MWCNT towards cancer treatment. Solid State Sciences, 2021, 122, 106756.	3.2	3
11	Microstructure, dielectric, ferroelectric and magnetoelectric coupling of a novel multiferroic of [(GdMnO <sub>3</sub> ) <sub>0.7</sub> (CoFe <sub>2</sub> O <sub>4</sub> ) <sub>0.3</sub> ] <sub>0.5</sub> [TiO <sub>2</sub> ] <sub>0.5</sub> nanocomposite. Materials Chemistry and Physics, 2020, 240, 122242.	4.0	6
12	Structural transformation induced enhanced multiferroicity in Al <sup>3+</sup> and Ti <sup>4+</sup> co-doped LaFeO <sub>3</sub> . Advanced Powder Technology, 2020, 31, 2469-2479.	4.1	11
13	Microwave absorption of Mn <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles integrated in multi-walled carbon nanotubes. Journal of the Australian Ceramic Society, 2019, 55, 157-167.	1.9	8
14	Introduction of Room Temperature Ferromagnetism in Nanocrystalline Samarium Oxide by Doping of Co-ion. Journal of Electronic Materials, 2019, 48, 8047-8053.	2.2	3
15	Microstructural analysis, dielectric properties and room temperature magnetic ordering of Pr-doped ZnO nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	8
16	Enhanced magnetic and ferroelectric properties of La <sub>0.9</sub> Tb <sub>0.1</sub> FeO <sub>3</sub> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 240, 140-146.	3.5	13
17	Realization of spin-canted magnetism from lattice site specific spin structure in the double perovskite Nd <sub>2</sub> CoTiO <sub>6</sub> . Journal of Magnetism and Magnetic Materials, 2019, 488, 165338.	2.3	4
18	Defect induced room temperature ferromagnetism and optical properties of (Co, Y) co-doped ZnO nanoparticles. Journal of Magnetism and Magnetic Materials, 2019, 485, 419-426.	2.3	28

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19	Microstructural analysis, optical and magnetic properties of nanocrystalline Ni doped Dy <sub>2</sub> O <sub>3</sub> . Materials Chemistry and Physics, 2019, 227, 332-339.	4.0	18
20	XRD analysis, Raman, AC conductivity and dielectric properties of Co and Mn <sup>2+</sup> -doped SnO <sub>2</sub> nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	21
21	Structural, magnetic, dielectric and magneto-dielectric properties of (BaTiO <sub>3</sub> ) <sub>0.70</sub> (Li <sub>0.3</sub> Zn <sub>0.4</sub> Fe <sub>2.3</sub> O <sub>4</sub> ) <sub>0.30</sub> . Materials Research Bulletin, 2018, 102, 226-234.	5.2	5
22	Magnetic measurements, Raman and infrared spectra of metal-organic ligand complex derived from [CoCl <sub>2</sub> ·6H <sub>2</sub> O]·nH <sub>2</sub> O. Bulletin of Materials Science, 2018, 41, 1.	1.7	3
23	Room temperature antiferromagnetic ordering in chemically prepared nanocrystalline Co-doped neodymium oxide (Nd <sub>1.90</sub> Co <sub>0.10</sub> O <sub>3</sub> ). Journal of Alloys and Compounds, 2018, 752, 448-454.	5.5	11
24	Structural, magnetic, microwave and ac induction heating study of Li <sub>0.35</sub> Zn <sub>0.30</sub> Co <sub>0.05</sub> Fe <sub>2.3</sub> O <sub>4</sub> integrated in multi-walled carbon nanotube matrix. AIP Conference Proceedings, 2018, , .	0.4	0
25	Modulation of magnetic and dielectric property of LaFeO <sub>3</sub> by simultaneous doping with Ca <sup>2+</sup> and Co <sup>2+</sup> -ions. Journal of Alloys and Compounds, 2018, 743, 274-282.	5.5	32
26	Magnetic properties and bio-medical applications in hyperthermia of lithium zinc ferrite nanoparticles integrated with reduced graphene oxide. Journal of Applied Physics, 2018, 123, .	2.5	29
27	Microstructural Investigation, Raman and Magnetic Studies on Chemically Synthesized Nanocrystalline Ni-Doped Gadolinium Oxide (Gd <sub>1.90</sub> Ni <sub>0.10</sub> O <sub>3</sub> ). Journal of Electronic Materials, 2018, 47, 1768-1779.	2.2	16
28	Room temperature ferromagnetism of nanocrystalline Nd <sub>1.90</sub> Ni <sub>0.10</sub> O <sub>3</sub> . Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	5
29	Studies of magnetic, Mössbauer spectroscopy, microwave absorption and hyperthermia behavior of Ni-Zn-Co-ferrite nanoparticles encapsulated in multi-walled carbon nanotubes. Journal of Magnetism and Magnetic Materials, 2018, 460, 12-27.	2.3	38
30	Room temperature magnetic ordering and analysis by bound magnetic polaron model of Yb <sup>3+</sup> doped nanocrystalline zinc oxide (Zn <sub>0.98</sub> Yb <sub>0.02</sub> O). Materials Research Bulletin, 2018, 104, 6-14.	5.2	22
31	Improved magneto-electric properties of LaFeO <sub>3</sub> in La <sub>0.8</sub> Gd <sub>0.2</sub> Fe <sub>0.97</sub> Nb <sub>0.03</sub> O <sub>3</sub> . Ceramics International, 2018, 44, 4442-4449.	4.8	31
32	Magnetic behavior and Raman spectroscopy of the composite system of CuCl <sub>2</sub> ·2H <sub>2</sub> O/C <sub>12</sub> H <sub>9</sub> NO. Journal of Science: Advanced Materials and Devices, 2018, 3, 113-121.	3.1	0
33	Magnetic susceptibilities, Raman spectroscopy and crystal field analysis of Pr <sup>3+</sup> in monoclinic single crystals of PrPO <sub>4</sub> . Materials Chemistry and Physics, 2018, 216, 387-392.	4.0	1
34	Correlation of cation distribution with the hyperfine and magnetic behaviour of Ni <sub>0.3</sub> Zn <sub>0.4</sub> Co <sub>0.2</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles and their microwave absorption properties when encapsulated in multi-walled carbon nanotubes. Journal of Physics Condensed Matter, 2017, 29, 085803.	1.8	6
35	Enhanced microwave absorption and magnetic phase transitions of nanoparticles of multiferroic LaFeO <sub>3</sub> incorporated in multiwalled carbon nanotubes (MWCNTs). Journal of Magnetism and Magnetic Materials, 2017, 435, 117-125.	2.3	24
36	Microwave Absorption and the Magnetic Hyperthermia Applications of Li <sub>0.3</sub> Zn <sub>0.3</sub> Co <sub>0.1</sub> Fe <sub>2.3</sub> O <sub>4</sub> Nanoparticles in Multiwalled Carbon Nanotube Matrix. ACS Applied Materials & Interfaces, 2017, 9, 40831-40845.	8.0	62

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37	Simultaneous enhancement of magnetic and ferroelectric properties of LaFeO <sub>3</sub> by co-doping with Dy <sup>3+</sup> and Ti <sup>4+</sup> . Journal of Alloys and Compounds, 2017, 726, 1195-1204.	5.5	33
38	Room Temperature Antiferromagnetic Ordering of Nanocrystalline Tb <sub>1.90</sub> Ni <sub>0.10</sub> O <sub>3</sub> . Journal of Electronic Materials, 2017, 46, 1107-1113.	2.2	6
39	Room temperature magnetic ordering, enhanced magnetization and exchange bias of GdMnO <sub>3</sub> nanoparticles in (GdMnO <sub>3</sub> ) <sub>0.70</sub> (CoFe <sub>2</sub> O <sub>4</sub> ) <sub>0.30</sub> . Journal of Magnetism and Magnetic Materials, 2017, 424, 388-393.	2.3	9
40	Soft magnetic property and enhanced microwave absorption of nanoparticles of Co <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> incorporated in MWCNT. Journal of Magnetism and Magnetic Materials, 2016, 416, 181-187.	2.3	22
41	Microstructure investigation, optical properties and magnetic phase transition of Tm <sup>3+</sup> substituted nanocrystalline ZnO (Zn <sub>0.95</sub> Tm <sub>0.05</sub> O). RSC Advances, 2016, 6, 101818-101826.	3.6	13
42	Enhanced magneto-electric property and Raman spectroscopy of nanocrystalline Al <sub>x</sub> Ga(1-x)FeO <sub>3</sub> (x=0.05, 0.10 and 0.20). Ceramics International, 2016, 42, 15904-15912.	4.8	7
43	Enhanced magnetic property and phase transition in Ho <sup>3+</sup> doped LaFeO <sub>3</sub> . Materials Letters, 2016, 169, 160-163.	2.6	41
44	XRD, HRTEM, Raman and magnetic studies on chemically prepared nanocrystalline Fe-doped gadolinium oxide (Gd <sub>1.90</sub> Fe <sub>0.10</sub> O <sub>3</sub> ) annealed in vacuum. RSC Advances, 2016, 6, 6395-6404.	3.6	23
45	Effect of cation distribution on the magnetic and hyperfine behaviour of nanocrystalline Co doped Ni <sup>2+</sup> Zn ferrite (Ni <sub>0.4</sub> Zn <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ). Materials Research Bulletin, 2016, 76, 389-401.	5.2	31
46	XRD, HRTEM, magnetic, dielectric and enhanced microwave reflection loss of GaFeO <sub>3</sub> nanoparticles encapsulated in multi-walled carbon nanotubes. Ceramics International, 2016, 42, 3826-3835.	4.8	11
47	Paramagnetic to ferromagnetic phase transition of Co doped Gd <sub>2</sub> O <sub>3</sub> prepared by chemical route. Journal of Alloys and Compounds, 2016, 656, 339-346.	5.5	35
48	Magnetic property, Mössbauer spectroscopy and microwave reflection loss of maghemite nanoparticles (γ-Fe <sub>2</sub> O <sub>3</sub> ) encapsulated in carbon nanotubes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 196, 44-52.	3.5	19
49	Enhanced magneto-electric property and exchange bias effect of Zn substituted LaFeO <sub>3</sub> (La <sub>0.50</sub> Zn <sub>0.50</sub> FeO <sub>3</sub> ). Materials Letters, 2015, 159, 9-11.	2.6	17
50	Synthesis, characterization and magnetic property of maghemite (γ-Fe <sub>2</sub> O <sub>3</sub> ) nanoparticles and their protective coating with pepsin for bio-functionalization. Materials Research Bulletin, 2015, 70, 145-154.	5.2	14
51	Modulated magneto-dielectric property and exchange bias effect of BiFeO <sub>3</sub> incorporated in (BiFeO <sub>3</sub> ) <sub>0.50</sub> (Li <sub>0.30</sub> Zn <sub>0.35</sub> Fe <sub>2.35</sub> O <sub>4</sub> ) <sub>0.50</sub> nanocomposite. Journal of Magnetism and Magnetic Materials, 2015, 385, 347-357.	2.3	7
52	Magnetic property, Raman spectroscopy and crystal field analysis of Sm <sup>3+</sup> in Sm(BrO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. , 2014, , .		0
53	Enhanced magnetic behavior, exchange bias effect, and dielectric property of BiFeO <sub>3</sub> incorporated in (BiFeO <sub>3</sub> ) <sub>0.50</sub> (Co <sub>0.4</sub> Zn <sub>0.4</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>0.5</sub> nanocomposite. AIP Advances, 2014, 4, .	1.3	4
54	Multiferroicity in La <sub>1/2</sub> Nd <sub>1/2</sub> FeO <sub>3</sub> nanoparticles. Solid State Sciences, 2014, 37, 55-63.	3.2	13

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55	Magnetic phase transition of nanocrystalline Fe-doped samarium oxide (Sm <sub>1.90</sub> Fe <sub>0.10</sub> O <sub>3</sub> ). Journal of Magnetism and Magnetic Materials, 2014, 371, 35-42.	2.3	13
56	Enhanced electric property and magneto-capacitance co-efficient co-related with modulated Raman spectroscopy of GaFeO <sub>3</sub> in (GaFeO <sub>3</sub> ) <sub>0.50</sub> (Ni <sub>0.40</sub> Zn <sub>0.40</sub> Cu <sub>0.20</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>0.50</sub> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 189, 51-57.	3.5	3
57	Enhanced magneto-electric property of GaFeO <sub>3</sub> in Ga(1-x)Zn <sub>x</sub> FeO <sub>3</sub> (x=0, 0.05, 0.10). Physica B: Condensed Matter, 2014, 448, 214-218.	2.7	25
58	Room temperature ferromagnetism in Fe-doped europium oxide (Eu <sub>1.90</sub> Fe <sub>0.10</sub> O <sub>3</sub> ). Journal of Alloys and Compounds, 2014, 611, 324-328.	5.5	20
59	Modulated magnetoelectric property of BiFeO <sub>3</sub> incorporated in Co <sub>0.50</sub> Fe <sub>0.50</sub> Fe <sub>2</sub> O <sub>4</sub> . , 2014, , .		1
60	Modulated magnetic property, enhanced microwave absorption and Mössbauer spectroscopy of Ni <sub>0.40</sub> Zn <sub>0.40</sub> Cu <sub>0.20</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles embedded in carbon nanotubes. Journal of Alloys and Compounds, 2013, 576, 126-133.	5.5	39
61	Magnetic and Mössbauer Studies of Bare and Encapsulated Nanoparticles of [(Co <sub>0.2</sub> Mn <sub>0.3</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>(1-x)</sub> (ZnO/PVA) <sub>x</sub> ] (x = 0 and 0.30). Journal of Physical Chemistry C, 2013, 117, 12787-12799.	3.1	12
62	Multiferroic behavior, enhanced magnetization and exchange bias effect of Zn substituted nanocrystalline LaFeO <sub>3</sub> (La(1-x)Zn <sub>x</sub> FeO <sub>3</sub> , x=0.10, and 0.30). Journal of Magnetism and Magnetic Materials, 2013, 329, 133-141.	2.3	94
63	Magnetic and enhanced microwave absorption properties of nanoparticles of Li <sub>0.32</sub> Zn <sub>0.26</sub> Cu <sub>0.1</sub> Fe <sub>2.32</sub> O <sub>4</sub> encapsulated in carbon nanotubes. Materials Letters, 2013, 95, 145-148.	2.6	44
64	Vacancy mediated room temperature ferromagnetism in Co-doped Dy <sub>2</sub> O <sub>3</sub> . Applied Physics Letters, 2012, 100, .	3.3	34
65	Enhanced Magnetic Behavior of Chemically Prepared Multiferroic Nanoparticles of GaFeO <sub>3</sub> in (GaFeO <sub>3</sub> ) <sub>0.50</sub> (Ni <sub>0.4</sub> Zn <sub>0.4</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>0.50</sub> Nanocomposite. Journal of Physical Chemistry C, 2012, 116, 4948-4956.	3.1	24
66	Sol-gel derived nanocrystalline multiferroic BiFeO <sub>3</sub> and R <sup>3+</sup> (R=Er and Tm) doped therein: Magnetic phase transitions and enhancement of magnetic properties. Journal of Magnetism and Magnetic Materials, 2012, 324, 4209-4218.	2.3	27
67	Sol-gel derived nanoparticles of Zn substituted lithium ferrite (Li <sub>0.32</sub> Zn <sub>0.36</sub> Fe <sub>2.32</sub> O <sub>4</sub> ); magnetic and Mössbauer effect measurements and their theoretical analysis. Journal of Magnetism and Magnetic Materials, 2012, 324, 1317-1325.	2.3	39
68	Microstructural analysis and paramagnetic to ferromagnetic phase transition of chemically synthesized nanoparticles of Tb-doped ZnO. Journal of Materials Science, 2012, 47, 2284-2293.	3.7	18
69	Effect of multiferroic BiFeO <sub>3</sub> nanoparticles on electro-optical and dielectric properties of a partially fluorinated orthoconic antiferroelectric liquid crystal mixture. Europhysics Letters, 2011, 96, 47003.	2.0	22
70	Enhanced magnetic behavior of Al substituted LaFeO <sub>3</sub> (La(1-x)Al <sub>x</sub> FeO <sub>3</sub> , x=0.10 and 0.30). Materials Letters, 2011, 65, 1280-1282.	2.6	40
71	Multiferroic behavior of lanthanum orthoferrite (LaFeO <sub>3</sub> ). Materials Letters, 2010, 64, 415-418.	2.6	229
72	Microstructural, magnetic and crystal field investigations of nanocrystalline Dy <sup>3+</sup> doped zinc oxide. Solid State Sciences, 2010, 12, 448-454.	3.2	33

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73	Micro-structural investigations and paramagnetic susceptibilities of zinc oxide, europium oxide and their nanocomposite. Journal of Magnetism and Magnetic Materials, 2010, 322, 283-289.	2.3	14
74	Paramagnetic susceptibilities, crystal field Stark energies and hyperfine properties of Eu <sup>3+</sup> in europium trifluoromethanesulfonate nonahydrate. Journal of Physics and Chemistry of Solids, 2010, 71, 1278-1284.	4.0	1
75	Static and dynamic magnetic behavior of nanocrystalline and nanocomposites of (Mn <sub>0.6</sub> Zn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (SiO <sub>2</sub> ) <sub>x</sub> (x=0.0,0.10,0.15,0.25). Journal of Applied Physics, 2010, 108, .	2.5	32
76	Nanocrystalline NiFe <sub>2</sub> O <sub>4</sub> and Nanocomposites of (NiFe <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (Al <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (x=0.25, 0.40): Superparamagnetic Behavior and Mössbauer Spectroscopy. Journal of Nanoscience and Nanotechnology, 2010, 10, 5623-5633.	0.9	7
77	Magnetic and Mössbauer Effect Study of (Co <sub>0.5</sub> Zn <sub>0.4</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (Al <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (x = 0 and 0.30) Synthesized by Sonochemical Route. Journal of Physical Chemistry C, 2010, 114, 14763-14771.	3.1	12
78	Some interesting observations on the magnetic and electric properties of doped lanthanum orthoferrite (. Solid State Communications, 2010, 150, 1234-1237.	1.9	55
79	Magnetic susceptibilities, crystal field Stark energies, and hyperfine behavior of Sm <sup>3+</sup> in hexagonal single crystals of Sm(CF <sub>3</sub> SO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. Journal of Applied Physics, 2009, 105, 063921.	2.5	8
80	Dynamic magnetic behaviour and Mössbauer effect measurements of magnetite nanoparticles prepared by a new technique in the co-precipitation method. Solid State Communications, 2009, 149, 1790-1794.	1.9	36
81	Preparation and characterizations of SiO <sub>2</sub> -coated nanoparticles of Mn <sub>0.4</sub> Zn <sub>0.6</sub> Fe <sub>2</sub> O <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 2009, 321, 169-174.	2.3	24
82	XRD, HRTEM, magnetic and Mössbauer studies on chemically prepared Fe <sup>3+</sup> -doped nanoparticles of cerium oxide. Journal of Magnetism and Magnetic Materials, 2009, 321, 2701-2706.	2.3	14
83	Crystal field investigation on the magnetic properties of Yb <sup>3+</sup> in Yb(CF <sub>3</sub> SO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. Journal of Physics and Chemistry of Solids, 2009, 70, 59-63.	4.0	4
84	XRD, HRTEM and magnetic properties of mixed spinel nanocrystalline Ni <sup>2+</sup> Zn <sup>2+</sup> Cu-ferrite. Journal of Alloys and Compounds, 2009, 473, 15-19.	5.5	90
85	Magnetic measurements and crystal field investigation on single crystals of Er(CF <sub>3</sub> SO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. Journal of Magnetism and Magnetic Materials, 2008, 320, 553-558.	2.3	12
86	Measurements of magnetic susceptibilities, their anisotropies and crystal field investigations of monoclinic single crystals of Ho <sub>2</sub> GeO <sub>5</sub> . Journal of Magnetism and Magnetic Materials, 2008, 320, 3288-3292.	2.3	5
87	Magnetic measurements and crystal field investigation of Tm <sup>3+</sup> in Tm(CF <sub>3</sub> SO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. Journal of Applied Physics, 2008, 103, 083912.	2.5	6
88	Magnetic and hyperfine properties of chemically synthesized nanocomposites of (Al <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (Ni <sub>0.2</sub> Zn <sub>0.6</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> (x=0.15,0.30,0.45). Solid State Communications, 2007, 144, 305-309.	1.9	21
89	Magnetic, thermal and hyperfine behaviours of Tm <sup>3+</sup> in TmPO <sub>4</sub> , YPO <sub>4</sub> and LuPO <sub>4</sub> : a comparative study. Hyperfine Interactions, 2007, 175, 131.	0.5	5
90	Magnetic and hyperfine properties of nanocrystalline Ni <sub>0.2</sub> Zn <sub>0.6</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> prepared by a chemical route. Journal of Physics Condensed Matter, 2006, 18, 5253-5267.	1.8	39

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91	Mössbauer, X-ray diffraction and AC susceptibility studies on nanoparticles of zinc substituted magnesium ferrite. <i>European Physical Journal B</i> , 2004, 39, 417-425.	1.5	36
92	Soft magnetic properties of rapidly quenched pig-iron-based alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 254-255, 447-449.	2.3	6
93	Magnetism of neodymium trifluoromethanesulfonate nonahydrate and effects of the crystal field. <i>Journal of Physics and Chemistry of Solids</i> , 1999, 60, 709-713.	4.0	11
94	Magnetic behavior of Sm <sup>3+</sup> in SmAsO <sub>4</sub> : an experimental and theoretical study. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 202, 497-504.	2.3	2
95	Simultaneous Administration of Adjuvant Donor Bone Marrow in Pancreas Transplant Recipients. <i>Annals of Surgery</i> , 1999, 230, 372.	4.2	57
96	Studies of the magnetic behaviour of ErAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> and the effects of the crystal field. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 783-787.	4.0	9
97	Single crystal magnetic properties and the crystal field interactions of Er <sup>3+</sup> in ErVO <sub>4</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 393-397.	4.0	10
98	Experimental and theoretical studies on the magnetic behavior of Nd <sup>3+</sup> in NdPO <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 173, 167-172.	2.3	3
99	Magnetic behavior of Ho <sup>3+</sup> in HoAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 154, 127-132.	2.3	13
100	The effects of crystal field on Tm <sup>3+</sup> in Tm(BrO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O: An experimental and theoretical study. <i>Journal of Physics and Chemistry of Solids</i> , 1996, 57, 1777-1782.	4.0	8
101	Magnetic measurements and crystal field investigations on Yb(BrO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 194, 717-721.	1.5	13
102	Magnetic studies on erbium bromate and the crystal field. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 136, 118-126.	2.3	23
103	Role of new Antioxidants in the Stabilization of Ophthalmic and ear Dosage form Preparation of Hamycin. <i>Drug Development and Industrial Pharmacy</i> , 1993, 19, 2595-2609.	2.0	2
104	A Calculation of Specific Heat Ratio of Liquids Using High Frequency Elastic Modulii. <i>Zeitschrift Fur Physikalische Chemie</i> , 1981, 126, 41-45.	2.8	0