

P Nordblad

List of Publications by Year in descending order

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382
papers

10,174
citations

50276

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83
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397
all docs

397
docs citations

397
times ranked

6917
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium dynamical behavior in noncoplanar magnets with chiral spin texture. <i>Physical Review B</i> , 2022, 105, .	3.2	4
2	Crossover From Individual to Collective Magnetism in Dense Nanoparticle Systems: Local Anisotropy Versus Dipolar Interactions. <i>Small</i> , 2022, 18, .	10.0	16
3	Memory and superposition in a superspin glass. <i>Scientific Reports</i> , 2021, 11, 7743.	3.3	7
4	Layered magnetite nanoparticles modification " synthesis, structure, and magnetic characterization. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1323-1334.	4.9	9
5	Partial cation ordering, relaxor ferroelectricity, and ferrimagnetism in $\text{Pb}(\text{Fe}_{1-x}\text{Yb}_x)_2\text{W}_1\text{O}_3$ solid solutions. <i>Journal of Applied Physics</i> , 2020, 128, 134102.	2.5	0
6	Random fields and apparent exchange bias in the dilute Ising antiferromagnet $\text{Fe}_{0.6}\text{Zn}_{0.4}\text{F}_2$. <i>Scientific Reports</i> , 2020, 10, 14588.	3.3	2
7	Simultaneous Individual and Dipolar Collective Properties in Binary Assemblies of Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 969-981.	6.7	26
8	Magnetic polarons and spin-glass behavior in insulating $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ($x=0.125$ and 0.15). <i>Physical Review Research</i> , 2020, 2, .	3.6	7
9	Room temperature ferrimagnetism in Yb-doped relaxor ferroelectric $\text{PbFe}_{2/3}\text{W}_1\text{O}_3$. <i>Applied Physics Letters</i> , 2019, 115, 072902.	3.3	7
10	Cation ordering, ferrimagnetism and ferroelectric relaxor behavior in $\text{Pb}(\text{Fe}_{1-x}\text{Sc}_x)_2\text{W}_1\text{O}_3$ solid solutions. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	6
11	Peculiar magnetic states in the double perovskite $\text{Nd}_2\text{Mn}_2\text{O}_{10}$. <i>Physical Review B</i> , 2019, 100, .	3.2	15
12	On the structural and magnetic properties of the double perovskite $\text{Nd}_2\text{NiMnO}_6$. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16571-16578.	2.2	3
13	Hydrogen induced structure and property changes in Eu_3Si_4 . <i>Journal of Solid State Chemistry</i> , 2019, 277, 37-45.	2.9	0
14	Magnetocaloric effect in Fe_2P : Magnetic and phonon degrees of freedom. <i>Physical Review B</i> , 2019, 99, .	3.2	8
15	Characterization of $\text{Nd}(\text{Tb})\text{Fe}_2\text{B}$ -based exchange-spring nanocomposite magnets. <i>Emerging Materials Research</i> , 2019, 8, 153-165.	0.7	1
16	Magnetic and mechanical effects of Mn substitutions in AlFe_2B_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 54-60.	2.3	11
17	Ferromagnetic excess moments and apparent exchange bias in Fe_2 single crystals. <i>Scientific Reports</i> , 2019, 9, 18884.	3.3	2
18	Magnetically ordered compounds of transition elements with nonmetals. <i>Handbook of Magnetic Materials</i> , 2019, 28, 47-85.	0.6	0

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19	Modification of the structure and magnetic properties of ceramic La ₂ CoMnO ₆ with Ru doping. Journal of Alloys and Compounds, 2018, 752, 420-430.	5.5	12
20	Glassy behavior of diluted Cu-Zn ferrites. Journal of Magnetism and Magnetic Materials, 2018, 452, 261-265.	2.3	5
21	Temperature-dependent structural and magnetic properties of R ₂ MMnO ₆ double perovskites (R = Dy, Gd). Journal of Materials Science: Materials in Electronics, 2017, 28, 7692-7707.	2.2	19
22	New insights into the multiferroic properties of Mn ₃ TeO ₆ . Journal Physics D: Applied Physics, 2017, 50, 085001.	2.8	12
23	Composition dependence of the multifunctional properties of Nd-doped Bi ₄ Ti ₃ O ₁₂ ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 7692-7707.	2.2	27
24	The role of Tb-doping on the structural and functional properties of Bi _{4-x} Tb _x Ti ₃ O ₁₂ ferroelectric phases with the Aurivillius type structure. Journal of Materials Science: Materials in Electronics, 2017, 28, 4914-4924.	2.2	4
25	Structural, magnetic and hyperfine characterizations of nanocrystalline Zn-Cd doped nickel ferrites. Journal of Magnetism and Magnetic Materials, 2017, 441, 710-717.	2.3	35
26	Substitution mechanism and structural study of Ag-doped LiCu ₂ O ₂ . Solid State Sciences, 2017, 70, 36-40.	3.2	0
27	Evolution of the structural and multiferroic properties of PbFe _{2/3} W _{1/3} O ₃ ceramics upon Mn-doping. Materials Chemistry and Physics, 2017, 187, 218-232.	4.0	11
28	Twinned-domain-induced magnonic modes in epitaxial LSMO/STO films. New Journal of Physics, 2017, 19, 063002.	2.9	5
29	Perovskite solid solutions La _{0.75} Bi _{0.25} Fe _{1-x} Cr _x O ₃ : Preparation, structural, and magnetic properties. Journal of Solid State Chemistry, 2017, 254, 166-177.	2.9	1
30	Magnetic properties of nanoparticle compacts with controlled broadening of the particle size distribution. Physical Review B, 2017, 95, .	3.2	9
31	Composition driven structural transition in La _{2-x} Sr _x CuRuO ₆ (0 ≤ x ≤ 1) double perovskites. Journal of Alloys and Compounds, 2017, 693, 1096-1101.	5.5	3
32	Disordered Magnetic Systems. , 2016, , .		2
33	Tunable exchange bias in dilute magnetic alloys "chiral spin glasses. Scientific Reports, 2016, 6, 19964.	3.3	12
34	Thermally induced magnetic relaxation in square artificial spin ice. Scientific Reports, 2016, 6, 37097.	3.3	18
35	Particle size-dependent superspin glass behavior in random compacts of monodisperse maghemite nanoparticles. Materials Research Express, 2016, 3, 045015.	1.6	10
36	Hydrogenation induced structure and property changes in GdGa. Journal of Solid State Chemistry, 2016, 239, 184-191.	2.9	7

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37	Effects of the individual particle relaxation time on superspin glass dynamics. Physical Review B, 2016, 93, .	3.2	14
38	Spin and dipole order in geometrically frustrated mixed-valence manganite Pb ₃ Mn ₇ O ₁₅ . Journal of Materials Science: Materials in Electronics, 2016, 27, 12562-12573.	2.2	3
39	Thermal evolution of the spin ordering at the concomitant spin-orbital rearrangement temperature in RVO ₃ (R=Lu, Yb and Tm). Journal of Magnetism and Magnetic Materials, 2016, 409, 87-91.	2.3	2
40	Low temperature magneto-structural transitions in Mn ₃ Ni ₂ O ₆ . Journal of Solid State Chemistry, 2016, 237, 343-348.	2.9	3
41	Tailoring Magnetic Behavior in the Tb-Au-Si Quasicrystal Approximant System. Inorganic Chemistry, 2016, 55, 2001-2008.	4.0	23
42	Hydrogenation-Induced Structure and Property Changes in the Rare-Earth Metal Gallide NdGa: Evolution of a [GaH] ²⁻ Polyanion Containing Peierls-like Ga-H Chains. Inorganic Chemistry, 2016, 55, 345-352.	4.0	15
43	Polar Order and Frustrated Antiferromagnetism in Perovskite Pb ₂ MnWO ₆ Single Crystals. Inorganic Chemistry, 2016, 55, 2791-2805.	4.0	23
44	Magnetic structure of the magnetocaloric compound AlFe ₂ B ₂ . Journal of Alloys and Compounds, 2016, 664, 784-791.	5.5	54
45	Thermal treatment of magnetite nanoparticles. Beilstein Journal of Nanotechnology, 2015, 6, 1385-1396.	2.8	54
46	Size-dependent surface effects in maghemite nanoparticles and its impact on interparticle interactions in dense assemblies. Nanotechnology, 2015, 26, 475703.	2.6	35
47	Structure and magnetism in hexagonal tungsten bronze metal oxides AM _{1/3} W _{8/3} O ₉ (A=K, Rb, Cs; M=Cr, Tj) $E_{\text{Q}} = 1.0784314$ eV	3.2	10
48	Point contact investigations of film and interface magnetoresistance of La _{0.7} Sr _{0.3} MnO ₃ heterostructures on Nb:SrTiO ₃ . Journal of Magnetism and Magnetic Materials, 2015, 374, 433-439.	2.3	1
49	Irreversible structure change of the as prepared FeMnP _{1-x} Si _x -structure on the initial cooling through the curie temperature. Journal of Magnetism and Magnetic Materials, 2015, 374, 455-458.	2.3	13
50	Sample cell for in-field X-ray diffraction experiments. Results in Physics, 2015, 5, 53-54.	4.1	5
51	Phase diagram, structures and magnetism of the FeMnP _{1-x} Si _x -system. RSC Advances, 2015, 5, 8278-8284.	3.6	29
52	Tuning exchange bias. Nature Materials, 2015, 14, 655-656.	27.5	19
53	Structural and magnetic properties of nickel antimony ferros spinels. Materials Chemistry and Physics, 2015, 158, 127-137.	4.0	3
54	Crystal structure and antiferromagnetic spin ordering of $\text{FeMn}_2\text{Si}_3\text{O}_{12}$	3.2	1

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55	Magnetic anisotropy and magnetization dynamics of Fe nanoparticles embedded in Cr and Ag matrices. Philosophical Magazine, 2015, 95, 3798-3807.	1.6	10
56	Successive phase transitions in the orthovanadate $TmVO_3$. Journal Physics D: Applied Physics, 2015, 48, 345003.	2.8	4
57	Neutron powder diffraction study of $Ba_3ZnRu_{2-x}Ir_xO_9$ ($x=0, 1, 2$) with 6H-type perovskite structure. Solid State Sciences, 2015, 50, 58-64.	3.2	13
58	Detailed study of the magnetic ordering in $FeMn_{0.75}Si_{0.25}$. Journal of Solid State Chemistry, 2015, 221, 240-246.	2.9	16
59	Super spin dimensionality of a mono-dispersed and densely packed magnetic nanoparticle system. Journal of Physics: Conference Series, 2014, 521, 012012.	0.4	1
60	Ageing dynamics of a superspin glass. Europhysics Letters, 2014, 108, 17004.	2.0	11
61	Thermodynamics around the first-order ferromagnetic phase transition of Fe_2P single crystals. Physical Review B, 2014, 90, ...	3.2	12
62	Chemical pressure effects on structural, dielectric and magnetic properties of solid solutions $Mn_{3-x}Co_xTeO_6$. Materials Research Bulletin, 2014, 50, 42-56.	5.2	13
63	Magnetic and magnetocaloric properties of $Cu_{1-x}Zn_xFe_2O_4$ ($x=0.6, 0.7, 0.8$) ferrites. Journal of Magnetism and Magnetic Materials, 2014, 367, 75-80.	2.3	44
64	Long range ordered magnetic and atomic structures of the quasicrystal approximant in the Tb-Au-Si system. Journal of Physics Condensed Matter, 2014, 26, 322202.	1.8	18
65	Ideal superspin glass behaviour in a random-close-packed ensemble of maghemite nanoparticles. Journal of Physics: Conference Series, 2014, 521, 012011.	0.4	3
66	Thickness dependence of dynamic and static magnetic properties of pulsed laser deposited $La_{0.7}Sr_{0.3}MnO_3$ films on $SrTiO_3(001)$. Journal of Magnetism and Magnetic Materials, 2014, 369, 197-204.	2.3	40
67	Crystal growth experiments in the systems $Ni_2M_6SbO_6$ ($M = Sc, Y$). Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf	1.3	12
68	Temperature evolution of structural and magnetic properties of stoichiometric $LiCu_2O_2$: Correlation of thermal expansion coefficient and magnetic order. Solid State Sciences, 2014, 34, 97-101.	3.2	4
69	Iron-rich Superspin Glass Phase in a $La_{0.82}Ca_{0.18}MnO_3$ Ferromagnetic Insulator. Physical Review B, 2014, 90, ...	8.9	20
70	Tuning magnetic properties by hydrogen implantation in amorphous $Fe_{100-x}Mn_x$ thin films. Journal of Magnetism and Magnetic Materials, 2013, 346, 138-141.	2.3	10
71	Investigation of the magnetic phase transition and magnetocaloric properties of the Mn_2FeSbO_6 ilmenite. Journal of Magnetism and Magnetic Materials, 2013, 331, 193-197.	2.3	11
72	Enhancement of antiferromagnetic interaction and transition temperature in M_3TeO_6 systems ($M = Fe, Co, Ni$). Tj ETQq0 0 0 rgBT / Overlock 10 Tf	1.5	36

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73	Formation of nitrogen-doped graphene nanoscrolls by adsorption of magnetic $\hat{3}$ -Fe ₂ O ₃ nanoparticles. Nature Communications, 2013, 4, 2319.	12.8	135
74	Magnetocrystalline anisotropy and the magnetocaloric effect in Fe ₂ ScSbO ₆ and Ni ₂ ScSbO ₆ with Corundum-Related Structure. Chemistry of Materials, 2013, 25, 935-945.	3.2	65
75	Memory effects on the magnetic behavior of assemblies of nanoparticles with ferromagnetic core/antiferromagnetic shell morphology. Physical Review B, 2013, 88, .	3.2	37
76	High-temperature structural phase transition in the LiCu ₂ O ₂ multiferroic. Journal of Experimental and Theoretical Physics, 2013, 117, 320-326.	0.9	9
77	Preparation, electrical conductivity, and magnetic susceptibility of (Ba _{1-x} Bi _x)(Mn _{0.5} +x/2Nb _{0.5}) ₂ TiO ₉ . Journal of Applied Physics, 2013, 114, 084301.	1.0	8
78	Mn ₂ FeSbO ₆ : A ferrimagnetic ilmenite and an antiferromagnetic perovskite. Physical Review B, 2013, 87, .	3.2	31
79	Strained relations. Nature Materials, 2013, 12, 11-12.	27.5	31
80	Spin and Dipole Ordering in Ni ₂ InSbO ₆ and Ni ₂ ScSbO ₆ with Corundum-Related Structure. Chemistry of Materials, 2013, 25, 935-945.	6.7	43
81	Controlled Close-Packing of Ferrimagnetic Nanoparticles: An Assessment of the Role of Interparticle Superexchange Versus Dipolar Interactions. Journal of Physical Chemistry C, 2013, 117, 10213-10219.	3.1	62
82	A nanoparticle replica of the spin-glass state. Applied Physics Letters, 2013, 102, .	3.3	69
83	Growth of Gd ₂ O ₃ nanoparticles inside mesoporous silica frameworks. Microporous and Mesoporous Materials, 2013, 168, 221-224.	4.4	29
84	Competing interaction in magnets: the root of ordered disorder or only frustration?. Physica Scripta, 2013, 88, 058301.	2.5	23
85	Phase transition in a super superspin glass. Europhysics Letters, 2013, 102, 67002.	2.0	16
86	Soft Room-Temperature Ferromagnetism of Carbon-Implanted Amorphous Fe ₉₃ Zr ₇ Films. Applied Physics Express, 2013, 6, 053001.	2.4	15
87	Strain induced changes in magnetization of amorphous Co ₉₅ Zr ₅ based multiferroic heterostructures. AIP Advances, 2013, 3, .	1.3	12
88	Large magnetic anisotropy of Fe ₂ P investigated via <i>ab initio</i> density functional theory calculations. Physical Review B, 2012, 86, .	3.2	23
89	Magnetic exchange interactions in B-, Si-, and As-doped Fe ₂ P from first-principles theory. Physical Review B, 2012, 85, .	3.2	33
90	Microscopic theory of magnetism in the magnetocaloric material Fe ₂ P. Physical Review B, 2012, 85, .	3.2	15

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91	Preparation, structural, dielectric and magnetic properties of LaFeO ₃ â€“PbTiO ₃ solid solutions. Materials Research Bulletin, 2012, 47, 3253-3268.	5.2	32
92	Near-Room-Temperature Colossal Magnetodielectricity and Multiglass Properties in Partially Disordered $\text{La}_{2-x}\text{NiMnO}_{6-x}$ Physical Review Letters, 2012, 108, 127701.	7.8	375
93	Structural and magnetic properties of $\text{Sr}_{2-x}\text{CuRuO}_6$ Physical Review B, 2011, 84, .	3.2	20
94	Finite-size effects in amorphous Fe ₉₀ Zr ₁₀ /Al ₇₅ Zr ₂₅ multilayers. Physical Review B, 2012, 85, .	3.2	19
95	Temperature-dependent multi-k magnetic structure in multiferroic Co ₃ TeO ₆ . Materials Research Bulletin, 2012, 47, 63-72.	5.2	40
96	Magnetic behavior of Cd ²⁺ substituted cobalt ferrites. Journal of Physics and Chemistry of Solids, 2012, 73, 227-231.	4.0	25
97	Structural and magnetic properties of Mn _{3-\hat{x}} Cd _x TeO ₆ (x=0, 1, 1.5 and 2). Journal of Magnetism and Magnetic Materials, 2012, 324, 1637-1644.	2.3	6
98	Tuning of dielectric properties and magnetism of SrTiO ₃ by site-specific doping of Mn. Physical Review B, 2011, 84, .	3.2	67
99	Magnetic and Electron Spin Relaxation Properties of (Gd _{1-x} Y _x) ₂ O ₃ (0 â‰‰ x â‰‰ 1) Nanoparticles Synthesized by the Combustion Method. Increased Electron Spin Relaxation Times with Increasing Yttrium Content. Journal of Physical Chemistry C, 2011, 115, 5469-5477.	3.1	17
100	Phase transitions of (Cu,Ni) ₃ TeO ₆ solid solutions. Inorganic Materials, 2011, 47, 1132-1140.	0.8	2
101	The crystal and magnetic structure of the magnetocaloric compound FeMn _{0.5} Si _{0.5} . Journal of Solid State Chemistry, 2011, 184, 2434-2438.	2.9	20
102	New type of incommensurate magnetic ordering in Mn ₃ TeO ₆ . Materials Research Bulletin, 2011, 46, 1870-1877.	5.2	37
103	Short-Range Spin Order and Frustrated Magnetism in Mn ₂ InSbO ₆ and Mn ₂ ScSbO ₆ . European Journal of Inorganic Chemistry, 2011, 2011, 4691-4699.	2.0	13
104	Spin-glass-like ordering in the spinel ZnFe ₂ O ₄ ferrite. Physica B: Condensed Matter, 2011, 406, 48-51.	2.7	41
105	Magnetic Ordering In Co _{0.2} Cd _{0.8} Ho _x Fe _{2-\hat{x}} O ₄ Spinel Ferrite. , 2011, , .		0
106	Magnetization Behavior and Spin Canting in Diluted Co _{1-\hat{x}} Cd _x Fe ₂ O ₄ Ferrites. , 2011, , .		1
107	Complex magnetism and magnetic-field-driven electrical polarization of Co ₃ TeO ₆ Physical Review B, 2011, 84, .	3.2	50
108	Strongly enhanced magnetic moments in ferromagnetic FeMn _{0.5} Si _{0.5} . Applied Physics Letters, 2011, 99, 152502.	3.3	20

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109	Order-disorder induced magnetic structures of FeMnP _{0.75} Si _{0.25} . Physical Review B, 2011, 83, .	3.2	27
110	Influence of the A cation on the low-temperature antiferromagnetism of ordered antiferroelectric A	3.2	13
111	A COMPARATIVE STUDY OF OXYGEN LOSS ON IN SITU HEATING IN PrMnO ₃ AND BaMnO ₃ . International Journal of Modern Physics B, 2011, 25, 1235-1250.	2.0	10
112	Detailed study of ultra-soft magnetic properties of Fe ₇₄ Cu _{0.8} Nb _{2.7} Si _{15.5} B ₇ . Philosophical Magazine, 2011, 91, 2117-2139.	1.6	8
113	Magnetic order near 270 K in mineral and synthetic Mn ₂ FeSbO ₆ ilmenite. Applied Physics Letters, 2011, 98, 202505.	3.3	24
114	Aging experiments in a superspin glass system of Co particles in Mn matrix. Journal of Physics: Conference Series, 2010, 200, 072074.	0.4	11
115	Invited papers from the 7th International Conference on Fine Particle Magnetism 2010. Journal Physics D: Applied Physics, 2010, 43, 470301.	2.8	0
116	Dynamical studies on model spin glasses. Journal of Physics: Conference Series, 2010, 200, 032042.	0.4	1
117	Synthesizing and investigating the structure and phase transitions in A ₃ TeO ₆ (A = Mn, Co, Ni) oxides. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 724-726.	0.6	11
118	Magnetoelectric perovskite (Bi _{0.5} Pb _{0.5})(Fe _{0.5} Zr _{0.5})O ₃ : Preparation, structural and magnetic properties. Solid State Sciences, 2010, 12, 115-122.	3.2	11
119	Observation of mixed-phase behavior in the Mn-doped cobaltite La _{0.7} Sr _{0.3} Co _{1-x} Mn _x O ₃ (x = 0-0.5). Journal of Magnetism and Magnetic Materials, 2010, 322, 753-755.	2.3	8
120	Tunneling and charging effects in discontinuous superparamagnetic Ni	3.2	11
121	MECHANISM OF QUENCHING OF SUPERCONDUCTIVITY IN THE YBa ₂ Cu ₃ O _{7-δ} SYSTEM ON SUBSTITUTION OF Zn FOR Cu. International Journal of Modern Physics B, 2010, 24, 2135-2148.	2.0	1
122	Memory and rejuvenation in a spin glass. Europhysics Letters, 2010, 90, 67003.	2.0	35
123	Structural and magnetic properties of the ordered perovskite Pb ₂ CoTeO ₆ . Dalton Transactions, 2010, 39, 11136.	3.3	30
124	Novel Polynuclear Nickel(II) Complex: Hydrazine, Sulfato, and Hydroxo Bridging in an Unusual Metal Hexamer. Crystal Structure and Magnetic Properties of [Ni ₆ (N ₂ H ₄) ₆ (SO ₄) ₄ (OH) ₂ (H ₂ O) ₈](SO ₄)(H ₂ O) ₁₀ . Inorganic Chemistry, 2010, 49, 5359-5361.	4.0	20
125	Neutron diffraction studies and the magnetism of an ordered perovskite: Ba ₂ CoTeO ₆ . Dalton Transactions, 2010, 39, 5490.	3.3	26
126	Isothermal remanent magnetization and the spin dimensionality of spin glasses. Philosophical Magazine Letters, 2010, 90, 723-729.	1.2	16

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127	Atomistic spin dynamics of the Cu-Mn spin-glass alloy. <i>Physical Review B</i> , 2009, 79, .	3.2	11
128	Temperature evolution of structure and magnetic properties in the perovskite Sr ₂ MnSbO ₆ . <i>Materials Research Bulletin</i> , 2009, 44, 822-830.	5.2	17
129	Sol-gel synthesis and characterization of polycrystalline GdFeO ₃ and Gd ₃ Fe ₅ O ₁₂ thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 49, 253-259.	2.4	25
130	Study of Sb substitution for Pr in the Pr _{0.67} Ba _{0.33} MnO ₃ system. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 305-311.	2.3	11
131	Mössbauer and magnetization studies of iron oxide nanocrystals. <i>Hyperfine Interactions</i> , 2008, 183, 49-53.	0.5	28
132	Preparation of iron oxide nanocrystals by surfactant-free or oleic acid-assisted thermal decomposition of a Fe(III) alkoxide. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 781-787.	2.3	42
133	Neutron powder diffraction and magnetic study of perovskites Pb(Mn _{1/2} Nb _{1/2})O ₃ and Pb(Mn _{1/4} Fe _{1/4} Nb _{1/2})O ₃ . <i>Materials Research Bulletin</i> , 2008, 43, 3074-3087.	5.2	3
134	Influence of PbZrO ₃ doping on the structural and magnetic properties of BiFeO ₃ . <i>Solid State Sciences</i> , 2008, 10, 1875-1885.	3.2	39
135	Synthesis, nuclear structure, and magnetic properties of LaCr _{1-y} MnyO ₃ (y=0, 0.1, 0.2, and 0.3). <i>Journal of Alloys and Compounds</i> , 2008, 457, 532-540.	5.5	31
136	Nuclear structure and magnetic properties of perovskite compounds La _{1-x} NdxFe _{0.5} Cr _{0.5} O ₃ (x=0.1, 0.15) Tj ETQg 0 0 0 rg BT /Overlock	5.5	5
137	Re-entrant Spin Glass And Spin Glass Behavior Of Diluted Mg-Zn Ferrites. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
138	Crystallization Behavior Of Cr Substituted Fe-Based Nanocrystalline Alloys. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
139	Non-equilibrium dynamics in fine magnetic particle systems. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 134011.	2.8	10
140	The influence of weak links on magnetic ordering in layered structures. <i>Europhysics Letters</i> , 2008, 81, 17008.	2.0	3
141	Dynamics of diluted magnetic semiconductors from atomistic spin-dynamics simulations: Mn-doped GaAs. <i>Physical Review B</i> , 2008, 78, .	3.2	20
142	Air-stable organic-based semiconducting room temperature thin film magnet for spintronics applications. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	22
143	Effects of Selective Dilution on the Magnetic Properties of La _{0.7} Sr _{0.3} Mn _{1-x} M' _x O ₃ (M' = Al, Ti). <i>Journal of the Korean Physical Society</i> , 2008, 52, 1460-1464.	0.7	3
144	Dilution of the Magnetic Moment of Fe by Cr for Fe _{73.5-x} Cr _x Cu ₁ Nb ₃ Si _{13.5} B ₉ and the Field-Cooled and Zero-Field-Cooled Behavior for Higher Cr Content. <i>Journal of the Korean Physical Society</i> , 2008, 53, 766-771.	0.7	3

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145	Mössbauer and magnetization studies of iron oxide nanocrystals. , 2008, , 221-225.		0
146	Finite versus zero-temperature hysteretic behavior of spin glasses: Experiment and theory. Physical Review B, 2007, 76, .	3.2	11
147	Magnetic anisotropy of tetragonal FeCo/Pt(001) superlattices. Journal of Physics Condensed Matter, 2007, 19, 226218.	1.8	27
148	Complex magnetic properties of Mn ₃ Ni ₂ OP ₆ and ferromagnetic structure of the new isostructural compound Mn ₃ Pd ₂ OP ₆ . Journal of Magnetism and Magnetic Materials, 2007, 308, 203-209.	2.3	9
149	Experimental first order reversal curves (FORC) on Ising and Heisenberg spin glasses. Journal of Magnetism and Magnetic Materials, 2007, 310, e525-e527.	2.3	2
150	The magnetoelectric perovskite Sr ₃ Fe ₂ TeO ₉ : An insight from magnetic measurements and neutron powder diffraction. Materials Research Bulletin, 2007, 42, 776-789.	5.2	15
151	Structural, magnetic and Mössbauer spectroscopic investigations of the magnetoelectric relaxor Pb(Fe _{0.6} W _{0.2} Nb _{0.2})O ₃ . Solid State Sciences, 2007, 9, 440-450.	3.2	30
152	Ageing and memory effects in a mechanically alloyed nanoparticle system. Journal of Magnetism and Magnetic Materials, 2007, 313, 373-377.	2.3	19
153	Ferromagnetism in Mn doped half-Heusler NiTiSn: Theory and experiment. Applied Physics Letters, 2006, 89, 212502.	3.3	19
154	Glassy ferromagnetism and frustration in La _{0.7} Ba _{0.3} Mn _{0.7} Ti _{0.3} O ₃ . Journal of Applied Physics, 2006, 99, 08Q306.	2.5	12
155	Experimental and theoretical study of annealed Ni-Pt alloys. Physical Review B, 2006, 74, .	3.2	16
156	Glassy behaviour of the ferromagnetic and the non-magnetic insulating states of the rare earth manganates Ln _{0.7} Ba _{0.3} MnO ₃ (Ln = Nd or Gd). Journal of Physics Condensed Matter, 2006, 18, 4809-4818.	1.8	31
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