

# Subham Majumdar

## List of Publications by Year in descending order

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168  
papers

3,766  
citations

147801

31  
h-index

161849

54  
g-index

170  
all docs

170  
docs citations

170  
times ranked

3280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport properties of Heusler compounds and alloys. Journal of Physics Condensed Matter, 2022, 34, 013001.	1.8	17
2	Competing magnetic interactions and magnetocaloric effect in Ho <sub>5</sub> Sn <sub>3</sub> . Journal of Physics Condensed Matter, 2022, 34, 025801.	1.8	2
3	Structural correlation to ferroelectric order, non-Griffiths like phase and magnetocaloric effect in YbCrO <sub>4</sub> . Journal of Physics Condensed Matter, 2022, 34, 155402.	1.8	0
4	Observation of exchange-bias in the inverse Heusler alloy Mn <sub>15</sub> Ru <sub>15</sub> Si. Materials Today: Proceedings, 2022, 52, 2026-2030.	1.8	0
5	Mixed-valent metallic pyrochlore iridate: A possible route to non-Fermi liquids. Physical Review B, 2022, 105, .	3.2	4
6	Interplay between structural, magnetic, and electronic states in the pyrochlore iridate $\text{Eu}_2\text{O}_7$ . Physical Review B, 2022, 105, .	3.2	6
7	Observation of Griffiths-like phase in the quaternary Heusler compound NiFeTiSn. Journal of Physics Condensed Matter, 2022, , .	1.8	1
8	Observation of two magnetic transitions and conventional exchange bias effect in high dielectric iridate La <sub>2</sub> Cu <sub>0.9</sub> Mn <sub>0.1</sub> IrO <sub>6</sub> . Solid State Sciences, 2022, 129, 106901.	3.2	0
9	$\text{Cu}_2\text{O}$ . Physical Review B, 2022, 105, .	2.3	0
10	Magnetic Properties, Magnetocaloric and Magnetoresistance Effects in Gd <sub>5</sub> In <sub>3</sub> and Tb <sub>5</sub> In <sub>3</sub> Compounds. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	1
11	Short range spin-spin correlation, spin-phonon coupling and isostructural phase transition in hetero-tri-spin 3d-5d-4f double perovskite Sm <sub>2</sub> CoIrO <sub>6</sub> . Journal of Solid State Chemistry, 2022, 314, 123391.	2.9	1
12	Rhombohedral distortion-driven ferroelectric order and exchange bias effect in geometrically frustrated ZnFe <sub>2</sub> O <sub>4</sub> . Physical Review Materials, 2021, 5, .	2.4	8
13	Magnetic order and surface state gap in (Sb <sub>0.95</sub> Cr <sub>0.05</sub> ) <sub>2</sub> Te <sub>3</sub> . Physical Review B, 2021, 103, .	3.2	7
14	Significant magneto-elastic coupling at Griffiths-like phase boundaries in low dimensional oxides, ASb <sub>2</sub> O <sub>6</sub> (A = Ni and Mn). Journal of Physics Condensed Matter, 2021, 33, 195701.	1.8	2
15	Orbital effects and Affleck-Haldane-type spin dimerization in Ba <sub>4</sub> Ru <sub>3</sub> O <sub>10</sub> . Physical Review B, 2021, 103, .	3.2	1
16	High magneto-Seebeck effect at room temperature in Bi <sub>1.8</sub> Sb <sub>0.2</sub> Te <sub>3</sub> - <i>xy</i> crystal. Applied Physics Letters, 2021, 118, .	3.3	3
17	Magnetic and transport properties of the mixed 3d-5d-4f double perovskite Sm <sub>2</sub> CoIrO <sub>6</sub> . Journal of Physics Condensed Matter, 2021, 33, 335801.	1.8	5
18	Emergence of compensated ferrimagnetic state in Mn <sub>2-x</sub> Ru <sub>1+x</sub> Ga (x = 0.2, 0.5) alloys. Journal of Magnetism and Magnetic Materials, 2021, 532, 167956.	2.3	4

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19	Dielectric and impedance spectroscopy of Sm <sub>2</sub> Co <sub>2</sub> O <sub>7</sub> double perovskite. Journal of Alloys and Compounds, 2021, 876, 160158.	5.5	12
20	Observation of structural anomaly and low-field magnetocaloric effect in Cu <sub>2</sub> OSeO <sub>3</sub> . Journal of Alloys and Compounds, 2021, 886, 161198.	5.5	1
21	The Emergence of an Itinerant Ferromagnetic State in Co-Doped YNi <sub>5</sub> : A Critical Behavior Study of the Phase Transition. Physica Status Solidi (B): Basic Research, 2020, 257, 2000273.	1.5	2
22	Interplay between positive magnetoresistance and thermoelectric properties by tuning carrier concentration in Sb <sub>2-x</sub> Sn <sub>x</sub> Te <sub>3</sub> (x = 0.05) crystals. Journal of Physics Condensed Matter, 2020, 32, 435601.	1.8	5
23	Raman scattering studies on strontium and ruthenium doped iridium pyrochlore oxides. AIP Conference Proceedings, 2020, . .	0.4	1
24	Magnetic and electric behaviors of DyMn <sub>2</sub> O <sub>5</sub> : Effect of hole doping. Journal of Magnetism and Magnetic Materials, 2020, 504, 166698.	2.3	2
25	Cationic disorder: A pathway for demonstrating inverse exchange bias in Gd <sub>2</sub> CoRuO <sub>6</sub> . Physical Review B, 2020, 101, .	3.2	8
26	A comparative study of the magnetic and transport properties of Dy-In based intermetallic compounds. Journal of Magnetism and Magnetic Materials, 2020, 505, 166674.	2.3	4
27	Observations of ferromagnetic cluster glass and exchange bias behavior in the double perovskite compound La <sub>2</sub> Cu <sub>0.9</sub> Cr <sub>0.1</sub> IrO <sub>6</sub> . Journal of Physics Condensed Matter, 2020, 32, 305803.	1.8	3
28	Dielectric and impedance spectroscopy of Nd <sub>2</sub> Co <sub>2</sub> O <sub>7</sub> double perovskite. Journal of Physics Condensed Matter, 2020, 32, 495702.	1.8	9
29	Glassy magnetic state and negative temperature coefficient of resistivity in Mn <sub>3</sub> IrO <sub>7</sub> . Physical Review B, 2020, 102, .	3.2	13
30	Magnetic & transport properties of quaternary Heusler compounds CoZMnGa (Z=Fe,V). AIP Conference Proceedings, 2020, . . High-temperature ferroelectric order and magnetoelectric coupling driven by the magnetic field	0.4	2
31	cooling effect in R <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> (R = Gd, Tb, Dy). Physical Review B, 2019, 100, .	3.2	13
32	Octahedral tilting and emergence of ferrimagnetism in cobalt-ruthenium based double perovskites. Journal of Physics Condensed Matter, 2019, 31, 385801.	1.8	6
33	Magnetic and transport studies in doped iridium pyrochlore oxides. AIP Conference Proceedings, 2019, . .	0.4	1
34	Anomalous transport and magnetic behaviours of the quaternary Heusler compounds CoFeTiSn and CoFeVGa. Journal of Magnetism and Magnetic Materials, 2019, 478, 155-160.	2.3	31
35	Magnetic states of Ni-Mn-Sn based shape memory alloy: A combined muon spin relaxation and neutron diffraction study. Physical Review B, 2019, 99, .	3.2	10
36	Ferroelectric order associated with ordered occupancy at the octahedral site of the inverse spinel structure of multiferroic NiFe <sub>2</sub> O <sub>4</sub> . Physical Review B, 2019, 99, .	3.2	10

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37	Microscopic investigation of low dimensional magnet $\text{Sc}_2\text{Cu}_2\text{O}_5$ : combined experimental and <i>ab initio</i> approach. Journal of Physics Condensed Matter, 2019, 31, 245802.	1.8	9
38	Natural ferroelectric order near ambient temperature in the orthoferrite $\text{HoFeO}_3$ . Physical Review B, 2019, 100, .	2.1	21
39	Magnetoelastic coupling at spin-glass-like transition in $\text{Sr}_3\text{NiSb}_2\text{O}_9$ . Journal of Alloys and Compounds, 2019, 778, 30-36.	5.5	15
40	Tuning of multiferroic order with Co doping in $\text{CuCr}_2\text{O}_4$ : Interplay between structure and orbital order. Physical Review Materials, 2019, 3, .	2.4	10
41	Giant exchange bias effect with low-coercivity in $\text{YbBaCo}_4\text{O}_7$ . Journal of Alloys and Compounds, 2018, 753, 329-332.	5.5	1
42	Anomalous pressure effect on the magnetic properties of Ni-Mn based shape memory alloys. Journal of Applied Physics, 2018, 124, 133901.	2.5	5
43	Magnetization reversal and inverse exchange bias phenomenon in the ferrimagnetic polycrystalline compound $\text{Er}_2\text{Cr}_2\text{O}_7$ . Physical Review B, 2018, 98, .	3.2	36
44	Metamagnetic transition and observation of spin-fluctuations in the antiferromagnetic Heusler compound $\text{Pd}_2\text{MnIn}$ . Journal of Physics Condensed Matter, 2018, 30, 405803.	1.8	8
45	distortion-driven ferroelectric order in $\text{CrO}_4$		

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55	High-pressure-driven orthorhombic distortion and significant enhancement of ferroelectric polarization in $\text{Ca}_2\text{La}_2\text{Co}_2\text{O}_{10}$ . <i>Physical Review B</i> , 2017, 96, .	3.2	23
56	Glassy magnetic ground state and Kondo-like behaviour in Mn <sub>10</sub> FeGe <sub>8</sub> alloy. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 495802.	1.8	0
57	Observation of weak ferromagnetism and the sizable magnetocaloric effect in Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 2017, 101, 1-4.	4.0	6
58	Observation of non-Fermi liquid behavior in hole-doped Eu <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , 2017, 96, .	3.2	21
59	Probing core and shell contributions to exchange bias in Co/CoO nanoparticles of controlled size. , 2017, , .		0
60	Polaronic charge transfer and large dielectric constant in Ca <sub>3</sub> CoRhO <sub>6</sub> . <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 1849-1854.	1.5	1
61	Hydrostatic pressure effect on the magnetocaloric behavior of Ga-doped MnNiGe magnetic equiatomic alloy. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 125001.	2.8	19
62	Magnetoelectric Coupling, Ferroelectricity, and Magnetic Memory Effect in Double Perovskite La <sub>3</sub> Ni <sub>2</sub> NbO <sub>9</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12901-12907.	8.0	29
63	Probing core and shell contributions to exchange bias in CoO nanoparticles of controlled size. <i>Physical Review B</i> , 2016, 94, .	3.2	23
64	Spin wave excitations in the pyrovanadate $\text{V}_2\text{O}_7$ . <i>Physical Review B</i> , 2016, 94, .	3.2	10
65	Multiple magnetic transitions and associated room temperature magneto-functionality in Ni <sub>0.48</sub> Mn <sub>1.312</sub> In <sub>0.64</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 405, 270-273.	2.3	8
66	Magnetic and dielectric properties of Mn <sub>2</sub> V <sub>2</sub> O <sub>7</sub> . <i>Solid State Communications</i> , 2016, 228, 10-15.	1.9	14
67	Non-monotonous variation of structural instability in self-doped Ni-Mn-Sn based shape memory alloys. <i>Journal of Alloys and Compounds</i> , 2016, 657, 313-317.	5.5	3
68	Exchange-striction induced giant ferroelectric polarization in copper-based multiferroic material $\text{Cu}_2\text{V}_2\text{O}_7$ . <i>Physical Review B</i> , 2015, 92, .	3.2	41
69	Thermally assisted and magnetic field driven isostructural distortion of spinel structure and occurrence of polar order in $\text{Cu}_2\text{V}_2\text{O}_7$ . <i>Physical Review B</i> , 2015, 92, .	3.2	24
70	Reversible adiabatic temperature changes at the magnetocaloric and barocaloric effects in Fe <sub>49</sub> Rh <sub>51</sub> . <i>Applied Physics Letters</i> , 2015, 107, .	3.3	80
71	Atypical multiferroicity of HoCrO <sub>3</sub> in bulk and film geometry. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4162-4167.	5.5	52
72	Two dimensional magnetic correlation in the unconventional corrugated layered oxides (Ba,Sr) <sub>4</sub> Mn <sub>3</sub> O <sub>10</sub> . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 056001.	1.8	4

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73	Multifunctional behavior of Fe-doped MnNiGe magnetic equiatomic compound. Journal of Magnetism and Magnetic Materials, 2015, 395, 312-315.	2.3	26
74	Spin-glass like behaviour in strongly interacting nanocrystalline Ni embedded in SiO <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2015, 394, 448-453.	2.3	12
75	Tailoring barocaloric and magnetocaloric properties in low-hysteresis magnetic shape memory alloys. Acta Materialia, 2015, 96, 324-332.	7.9	89
76	Observation of large low temperature magnetocaloric effect in HoCu <sub>2</sub> . Journal of Applied Physics, 2015, 117, .	2.5	13
77	Occurrence of magnetoelectric effect correlated to the Dy order in Dy <sub>2</sub> NiMnO <sub>6</sub> double perovskite. Journal of Applied Physics, 2015, 118, 064104.	2.5	17
78	Investigation of glassy magnetic state in Co doped Eu <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Journal of Alloys and Compounds, 2015, 653, 585-590.	5.5	1
79	Reentrant spin-glass state in a geometrical frustrated multiferroic system: Role of disorder. Journal of Applied Physics, 2014, 115, 17E104.	2.5	2
80	Spin-glass like ground state and observation of exchange bias in Mn <sub>0.8</sub> Fe <sub>0.2</sub> NiGe alloy. Europhysics Letters, 2014, 108, 17012.	2.0	23
81	Size effect on magnetic phase coexistence in Pr <sub>0.5</sub> Sr <sub>0.5</sub> Mn <sub>1-x</sub> Cr <sub>x</sub> O <sub>3</sub> . Materials Research Express, 2014, 1, 036109.	1.6	5
82	Field induced phase transition in Sm <sub>0.5</sub> (Ca <sub>1-x</sub> Sr <sub>x</sub> ) <sub>0.5</sub> MnO <sub>3</sub> . , 2014, , .		1
83	Excess Ni-doping induced enhanced room temperature magneto-functionality in Ni-Mn-Sn based shape memory alloy. Applied Physics Letters, 2014, 105, .	3.3	22
84	Cooperative spin freezing and the pinning assisted thermoremanent magnetization in Ni <sub>2.04</sub> Mn <sub>1.36</sub> Sn <sub>0.6</sub> alloy. Journal of Applied Physics, 2014, 116, 083910.	2.5	15
85	Spin correlated dielectric memory and rejuvenation in multiferroic CuCrS <sub>2</sub> . Applied Physics Letters, 2014, 104, .	3.3	26
86	Magnetocaloric effect in the low hysteresis Ni-Mn-In metamagnetic shape-memory Heusler alloy. Journal of Applied Physics, 2014, 115, .	2.5	86
87	Ferroelectricity in spiral short-range-ordered magnetic state of spinel $MnCr_2O_4$ : Significance of topological frustration and magnetoelastic coupling. Physical Review B, 2014, 90, .	3.2	60
88	Tuning of multiferroic orders correlated to oxygen stoichiometry in magnetite films. Applied Physics Letters, 2014, 105, .	3.3	10
89	Inverse photoemission and photoemission spectroscopic studies on sputter-annealed Ni-Mn-Sn and Ni-Mn-In surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2014, 197, 106-111.	1.7	4
90	Aromatic bi-, tri- and tetracarboxylic acid doped polyaniline nanotubes: effect on morphologies and electrical transport properties. Journal of Materials Chemistry C, 2014, 2, 3382.	5.5	23

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91	Barocaloric and magnetocaloric effects in $\text{Fe}_{0.2}\text{Mn}_{0.8}\text{Ti}_{0.2}\text{O}_2$ . Physical Review B, 2014, 89, .	3.2	14
92	Colossal magnetocapacitance near room temperature in ferromagnetic $\text{Cr}_2\text{O}_3$ film. Applied Physics Letters, 2013, 103, .	3.3	15
93	A Griffiths-like phase in antiferromagnetic $\text{R}_{0.5}\text{Eu}_{0.5}\text{MnO}_3$ ( $\text{R} = \text{Pr}, \text{Tj}$ ). $\text{ETQq} = 1.1$ , $0.784314$ , $rgBT = 40$ .	1.8	40
94	Magnetic ground state of $\text{ZnCr}_2\text{O}_4$ : Effect of disorder due to size reduction. Physica Status Solidi (B): Basic Research, 2013, 250, 1913-1918.	1.5	3
95	Critical phenomena in $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ single crystal. Journal of Alloys and Compounds, 2013, 577, 165-169.	5.5	10
96	Multiple magneto-functional properties of $\text{Ni}_{46}\text{Mn}_{41}\text{In}_{13}$ shape memory alloy. Journal of Alloys and Compounds, 2013, 578, 157-161.	5.5	22
97	Magnetotransport behavior of $\text{Eu}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ perovskite. , 2013, , .		0
98	Revival of martensitic instability in Ga doped $\text{NiMnIn}$ alloys. Intermetallics, 2013, 42, 56-61.	3.9	13
99	Magnetic and electric properties of $\text{CaMn}_7\text{O}_{12}$ -based multiferroic compounds: effect of electron doping. Journal of Physics Condensed Matter, 2013, 25, 246001.	1.8	24
100	Strong magnetoelastic coupling and unconventional electric polarization in the triangular-lattice multiferroic $\text{Li}_{0.99}\text{Cu}_{0.01}\text{CrO}_2$ . Physical Review B, 2013, 87, .	3.2	18
101	Polaronic glassiness in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . , 2013, , .		0
102	Magnetic investigation of $\text{Ni}_{50}\text{Mn}_{33}\text{In}_{12}\text{Ga}_5$ alloy. , 2013, , .		0
103	Anisotropic behavior of DC resistivity in $\text{Sr}_3\text{NiPtO}_6$ and $\text{Sr}_3\text{CuPtO}_6$ single crystals. , 2013, , .		1
104	An agglomeration induced glassy magnetic state in a carbon nanotube/ $\text{NiO}$ nanocomposite system. Journal of Physics Condensed Matter, 2012, 24, 436005.	1.8	5
105	Magnetic properties of nanocrystalline $\text{Fe}_{0.5}\text{Ni}_{0.5}$ permalloy. , 2012, , .		2
106	Glassy magnetic phase driven by short-range charge and magnetic ordering in nanocrystalline $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ .	3.2	31
107	Glassy magnetic ground state in $\text{La}_{4/3}\text{Sr}_{5/3}\text{Mn}_2\text{O}_7$ : Role of first order phase transition and short range antiferromagnetic correlations. Journal of Applied Physics, 2012, 112, 083915.	2.5	9
108	Ageing effects in nanocrystalline $\text{Co}_{50}\text{Ni}_{50}$ and $\text{Fe}_{50}\text{Ni}_{50}$ alloy: Role of magnetic anisotropy. Solid State Communications, 2012, 152, 1857-1861.	1.9	17



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109	Metastability and inverse magnetocaloric effect in doped manganite (Nd <sub>0.25</sub> Sm <sub>0.25</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> ) and ferromagnetic shape memory alloy (Ni <sub>2</sub> Mn <sub>1.36</sub> Sn <sub>0.64</sub> ): a comparison. Journal of Physics Condensed Matter, 2012, 24, 366001.	1.8	8
110	A-site disorder driven sharp field-induced transition and collapse of charge ordering in Sm <sub>1/2</sub> Ca <sub>1/2-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2012, 112, 073905.	2.5	6
111	Memory effects in superparamagnetic and nanocrystalline Fe <sub>50</sub> Ni <sub>50</sub> alloy. Journal of Applied Physics, 2012, 111, .	2.5	34
112	Ferrimagnetism, antiferromagnetism, and magnetic frustration in La <sub>2-x</sub> Sr <sub>x</sub> Mn <sub>2</sub> O <sub>7</sub> . Journal of Applied Physics, 2012, 111, .	3.2	20
113	Observation of Griffiths phase in antiferromagnetic La <sub>0.32</sub> Eu <sub>0.68</sub> MnO <sub>3</sub> . Journal of Physics Condensed Matter, 2012, 24, 126003.	1.8	21
114	A theoretical and experimental study of magnetism in Gd <sub>2</sub> In. Journal of Applied Physics, 2012, 111, .	2.5	13
115	Magnetic behaviour of doped dimer compounds Sr <sub>3</sub> Cr <sub>2</sub> As <sub>x</sub> M <sub>x</sub> O <sub>8</sub> (M = V, Mn). European Physical Journal B, 2012, 85, 1.	1.5	12
116	Field induced sign reversal of magnetocaloric effect in Gd <sub>2</sub> In. Journal of Magnetism and Magnetic Materials, 2012, 324, 1239-1241.	2.3	22
117	Effect of Sn doping on the martensitic and premartensitic transitions in Ni <sub>2</sub> MnGa. Journal of Magnetism and Magnetic Materials, 2012, 324, 1891-1896.	2.3	17
118	Exchange bias effect in alloys and compounds. Journal of Physics Condensed Matter, 2011, 23, 073201.	1.8	270
119	Inverse barocaloric effect in the giant magnetocaloric La <sub>0.5</sub> Fe <sub>0.5</sub> Si <sub>0.5</sub> Co compound. Nature Communications, 2011, 2, 595.	12.8	175
120	Anisotropic Magnetocaloric Effect in Single-crystalline Pr <sub>0.52</sub> Sr <sub>0.48</sub> MnO <sub>3</sub> . Journal of Superconductivity and Novel Magnetism, 2011, 24, 775-777.	1.8	1
121	Successive magnetic transitions and low temperature magnetocaloric effect in RE <sub>2</sub> Ni <sub>7</sub> (RE=Dy, Ho). Journal of Magnetism and Magnetic Materials, 2011, 323, 1484-1489.	2.3	14
122	Broken chain effect in doped SrCuO <sub>2</sub> . Journal of Physics Condensed Matter, 2011, 23, 216006.	1.8	10
123	Structurally Influenced Magnetic Properties in Eu <sub>0.5</sub> Pr <sub>0.5</sub> MnO <sub>3</sub> . , 2011, , .		0
124	Phase Coexistence and Glassy State in Martensetic Compound GdCu. , 2011, , .		0
125	Structural And Magnetic Properties of Eu <sub>0.5</sub> R <sub>0.5</sub> MnO <sub>3</sub> (R=Pr,Sm). , 2011, , .		0
126	Orthorhombic distortion and novel magnetic phase separation in Pr <sub>0.5</sub> Eu <sub>0.5</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2011, 110, 063914.	2.5	8



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127	Investigation of weak itinerant ferromagnetism and critical behavior of $\text{Y}_{2-x}\text{Ni}_x$ alloys. Physical Review B, 2011, 84, .	3.2	22
128	Spin-glass-like state in GdCu: Role of phase separation and magnetic frustration. Physical Review B, 2011, 83, .	3.2	63
129	Kinetics of the field-induced resistivity jump in $\text{Ni}_{2-x}\text{Mn}_x$ alloys. Physical Review B, 2010, 81, .	3.2	14
130	Cluster-glass-like state and exchange bias effect in spontaneously phase separated, $\text{Pr}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$ . Journal of Applied Physics, 2010, 107, .	2.5	11
131	Magnetic properties of Heusler alloys: Theory and experiment. Journal of Magnetism and Magnetic Materials, 2010, 322, 102-107.	2.3	35
132	Grain size effect on the magnetic cluster-glass properties of $\text{La}_{0.88}\text{Sr}_{0.12}\text{CoO}_3$ . Journal of Physics Condensed Matter, 2010, 22, 116001.	1.8	26
133	Observation of large-Dmagnetic phase in $\text{Sr}_3\text{NiPtO}_6$ . Physical Review B, 2010, 82, .	3.2	18
134	Ferromagnetic/antiferromagnetic exchange coupling in $\text{Ni}_2\text{MnSn}$ -derived magnetic shape memory alloys. Journal of Physics: Conference Series, 2010, 200, 032011.	0.4	14
135	Giant magneto-caloric effect near room temperature in $\text{NiMnSnGa}$ alloys. Journal of Alloys and Compounds, 2010, 503, 273-276.	5.5	27
136	Anomalous magnetic field dependence of magnetocaloric effect at low temperature in $\text{Pr}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ single crystal. Journal of Applied Physics, 2010, 107, .	2.5	31
137	Reply to comment on "Particle size dependent exchange bias and cluster-glass states in $\text{LaMn}_{0.7}\text{Fe}_{0.3}\text{O}_3$ ". Journal of Physics Condensed Matter, 2009, 21, 078002.	1.8	18
138	Coexistence of superparamagnetic and superspin glass behaviors in $\text{Co}_{50}\text{Ni}_{50}$ nanoparticles embedded in the amorphous $\text{SiO}_2$ host. Journal of Applied Physics, 2009, 105, .	2.5	76
139	Magnetic anomaly and magnetocaloric effect in. Journal of Magnetism and Magnetic Materials, 2009, 321, 1828-1831.	2.3	18
140	Magnetotransport and magnetocaloric effect in $\text{Ho}_2\text{In}$ . European Physical Journal B, 2009, 70, 347-351.	1.5	30
141	The exchange bias effect in phase separated $\text{Nd}_{1-x}\text{Sr}_x\text{CoO}_3$ at the spontaneous ferromagnetic/ferrimagnetic interface. Journal of Physics Condensed Matter, 2009, 21, 236004.	1.8	32
142	Spin polarized tunneling magnetoresistance in the self-doped manganite $\text{La}_{0.9}\text{MnO}_3$ . Applied Physics Letters, 2009, 94, 212107.	3.3	12
143	Reentrant-spin-glass state in $\text{Ni}_{2-x}\text{Mn}_x$ alloy. Physical Review B, 2009, 79, .	3.2	150
144	Compositional variation of magnetic properties in $\text{Ni}_{71-x}\text{Co}_x\text{Al}_{29}$ alloys. Journal of Alloys and Compounds, 2009, 477, 27-31.	5.5	5

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145	Exchange bias effect at the irregular interfaces between Co and CoO nanostructures. Journal of Alloys and Compounds, 2009, 488, 27-30.	5.5	16
146	Polaron relaxation and hopping conductivity in $\text{LaMnO}_3$ . Physical Review B, 2009, 79, .	3.2	59
147	Giant magnetoresistance and large inverse magnetocaloric effect in $\text{Ni}_2\text{Mn}_{1.36}\text{Sn}_{0.64}$ alloy. Journal Physics D: Applied Physics, 2009, 42, 065001.	2.8	75
148	Multifunctionality attributed to the self-doping in polycrystalline $\text{La}_{0.9}\text{MnO}_3$ : Coexistence of large magnetoresistance and magnetocaloric effect. Applied Physics Letters, 2009, 94, .	3.3	46
149	Magnetic and magneto-transport investigations of $\text{Co}_{37}\text{Ni}_{34}\text{Al}_{29}$ alloy. Physica B: Condensed Matter, 2008, 403, 2572-2577.	2.7	2
150	Magnetic after-effect in $\text{NiMnSb}$ Heusler alloy. Journal of Magnetism and Magnetic Materials, 2008, 320, 617-621.	2.3	12
151	Particle size dependent exchange bias and cluster-glass states in $\text{LaMn}_{0.7}\text{Fe}_{0.3}\text{O}_3$ . Journal of Physics Condensed Matter, 2008, 20, 195215.	1.8	27
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