

# Jiyu Fan

## List of Publications by Year in descending order

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131  
papers

2,112  
citations

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2362  
citing authors

#	ARTICLE	IF	CITATIONS
1	High stability of flexible perovskite transparent conductive oxide film via van der Waals heteroepitaxy. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161897.	2.8	10
2	Critical Behavior of the (111)-Oriented $\text{LaCoO}_3/\text{SrTiO}_3$ Thin Film. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, 2100424.	0.7	4
3	Tricritical-point phase diagram in $\text{PrCu}_9\text{Sn}_4$ . <i>Journal of Physics Condensed Matter</i> , 2022, 34, 155803.	0.7	1
4	Epitaxial growth and room-temperature ferromagnetism of quasi-2D layered $\text{Cr}_4\text{Te}_5$ thin film. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 165001.	1.3	4
5	Fabrication and magnetic-electronic properties of van der Waals $\text{Cr}_4\text{Te}_5$ ferromagnetic films. <i>CrystEngComm</i> , 2022, 24, 674-680.	1.3	7
6	Epitaxial (110)-oriented $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ film directly on flexible mica substrate. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 224002.	1.3	6
7	Tuning the size of skyrmion by strain at the $\text{Co}/\text{Pt}_3$ interfaces. <i>IScience</i> , 2022, 25, 104039.	1.9	7
8	Microwave response of chiral magnetic soliton in $\text{Yb}(\text{Ni}_{1-x}\text{Cu}_x)_3\text{Al}_9$ . <i>Applied Physics Letters</i> , 2022, 120, .	1.5	1
9	Scaling of magnetic entropy change and anomalous magnetic correlations in ternary alloy $\text{Ce}_{1.3}\text{Pr}_{0.7}\text{Co}_7$ . <i>Modern Physics Letters B</i> , 2021, 35, 2150117.	1.0	0
10	Tailoring the magneto-structural coupling in $\text{Mn}_{1-x}\text{Zr}_x\text{CoGe}$ alloys. <i>Journal of Materials Science</i> , 2021, 56, 1472-1480.	1.7	6
11	Critical behavior in hexagonal $\text{Y}_2\text{Fe}_{17}$ : magnetic interaction crossover from 3D to 2D Ising model. <i>CrystEngComm</i> , 2021, 23, 3411-3418.	1.3	5
12	Heteroepitaxy of flexible piezoelectric $\text{Pb}(\text{Zr}_{0.53}\text{Ti}_{0.47})\text{O}_3$ sensor on inorganic mica substrate for lamb wave-based structural health monitoring. <i>Ceramics International</i> , 2021, 47, 13156-13163.	2.3	15
13	Two conductive mechanisms in $\text{LaMnO}_3$ thin film: Adiabatic and nonadiabatic small polaronic hopping. <i>Modern Physics Letters B</i> , 2021, 35, 2150310.	1.0	0
14	Critical behavior of the magnetic Weyl semimetal $\text{PrAlGe}$ . <i>Physical Review B</i> , 2021, 103, .	1.1	16
15	Emergence of Griffiths phase and exploiting magnetic ordering state in the intermetallic $\text{LaCeCo}_7$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 529, 167868.	1.0	2
16	Scaling analysis of magnetic-thermal behaviors in ferromagnetic insulator $\text{LaCoO}_3$ thin film. <i>Current Applied Physics</i> , 2021, 28, 87-92.	1.1	6
17	High-Temperature and Flexible Piezoelectric Sensors for Lamb-Wave-Based Structural Health Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47764-47772.	4.0	17
18	Two-dimensional magnetic interplay in the tensile-strained $\text{LaCoO}_3$ thin films. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4912-4918.	1.3	11

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19	Optical transmission and carrier transport of epitaxial (001)- and (111)-oriented Ba <sub>0.96</sub> La <sub>0.04</sub> SnO <sub>3</sub> thin films. <i>Ceramics International</i> , 2020, 46, 3523-3527.	2.3	3
20	Anisotropic magnetoresistance behaviors in the layered ferromagnetic Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> . <i>Journal Physics D: Applied Physics</i> , 2020, 53, 025101.	1.3	8
21	Structural and magnetocaloric properties of rare-earth orthoferrite perovskite: TmFeO <sub>3</sub> . <i>Chemical Physics Letters</i> , 2020, 740, 137057.	1.2	34
22	Critical phenomenon of the layered chiral helimagnetic YbNi <sub>3</sub> Al <sub>9</sub> . <i>New Journal of Physics</i> , 2020, 22, 013018.	1.2	3
23	Magnetic critical behavior in the intermetallic compound (Ce <sub>0.65</sub> Pr <sub>0.35</sub> ) <sub>2</sub> Co <sub>7</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167208.	1.0	2
24	Spin reorientation transition and spin dynamics study of perovskite orthoferrite TmFeO <sub>3</sub> detected by electron paramagnetic resonance. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21403-21411.	1.3	9
25	Field-induced tricritical phenomenon and multiple phases in DySb. <i>Physical Review B</i> , 2020, 102, .	1.1	11
26	Negative-pressure enhanced ferroelectricity and piezoelectricity in lead-free BaTiO <sub>3</sub> ferroelectric nanocomposite films. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8091-8097.	2.7	11
27	Scaling of the magnetic entropy change in chiral helimagnetic YbNi <sub>3</sub> Al <sub>9</sub> . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 195801.	0.7	3
28	Perovskite Transparent Conducting Oxide for the Design of a Transparent, Flexible, and Self-Powered Perovskite Photodetector. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 16462-16468.	4.0	52
29	Spinâ€ˆlattice correlation in Eu <sup>3+</sup> doped antiferromagnet TmFeO <sub>3</sub> . <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19181-19191.	1.3	5
30	Isotropic magnetoresistance and enhancement of ferromagnetism through repetitious bending moments in flexible perovskite manganite thin film. <i>Journal of Alloys and Compounds</i> , 2019, 806, 753-760.	2.8	28
31	Unambiguous determining the Curie point in perovskite manganite with second-order phase transition by scaling method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 125843.	0.9	15
32	Field-dependent anisotropic magnetic coupling in layered ferromagnetic $\text{FeMnO}_3$ . <i>Physical Review B</i> , 2019, 100, .	1.0	27
33	Identifying magnetic skyrmions in polycrystalline MnSi via magnetometry. <i>Materials Letters</i> , 2019, 257, 126714.	1.3	4
34	Robust electronic phase separation on nanoscale of perovskite manganite La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>3</sub> . <i>Ceramics International</i> , 2019, 45, 9179-9184.	2.3	31
35	Effect of component volume ratio on the absorption spectra of Ag@Fe <sub>3</sub> O <sub>4</sub> coreâ€ˆshell nanoparticles. <i>Modern Physics Letters B</i> , 2019, 33, 1950071.	1.0	2
36	Emergent phenomena of magnetic skyrmion and large DM interaction in perovskite manganite $\text{La}_{0.8}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 483, 42-47.	1.0	27

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37	Optical and electrical properties of (111)-oriented epitaxial SrVO <sub>3</sub> thin films. <i>Ceramics International</i> , 2019, 45, 11304-11308.	2.3	7
38	Electric polarizations in PVDF-TrFE nanorods under lateral nanoshaping. <i>Journal of Applied Physics</i> , 2019, 126, 174108.	1.1	1
39	Critical phenomenon and phase diagram of Mn-intercalated layered MnNb <sub>3</sub> S <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 195803.	0.7	20
40	Scaling Relations of Plasmon Resonance Peak in Au@Fe <sub>3</sub> O <sub>4</sub> Core-Shell Nanohybrids Structure. <i>Plasmonics</i> , 2019, 14, 1123-1129.	1.8	7
41	Ferromagnetism and Carrier Transport in n-type Diluted Magnetic Semiconductors Ge <sub>0.96</sub> Bi <sub>x</sub> Fe <sub>0.04</sub> Te Thin Film. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 2647-2653.	0.8	1
42	Structural, magnetic, and magnetocaloric properties of bilayer manganite La <sub>1.38</sub> Sr <sub>1.62</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 2018, 115, 311-316.	1.9	13
43	Coexistence of spin-lattice and spin-spin relaxation mechanism in perovskite manganite (La <sub>0.5</sub> Pr <sub>0.5</sub> ) <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Materials Chemistry and Physics</i> , 2018, 212, 230-236.	2.0	7
44	Short-range antiferromagnetic correlations and large magnetic entropy change in (La <sub>0.5</sub> Pr <sub>0.5</sub> ) <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Journal of Materials Science</i> , 2018, 53, 323-332.	1.7	15
45	Scaling study of magnetic phase transition and critical behavior in Nd <sub>0.55</sub> Sr <sub>0.45</sub> Mn <sub>0.98</sub> Ga <sub>0.02</sub> O <sub>3</sub> manganite. <i>Materials Research Bulletin</i> , 2018, 99, 393-397.	2.7	18
46	Critical behavior of the single-crystalline van der Waals bonded ferromagnet $\text{CrMn}_2\text{S}_2$ . <i>Physical Review B</i> , 2018, 98, .	2.1	37
47	High optical transmittance and anomalous electronic transport in flexible transparent conducting oxides $\text{Ba}_{0.96}\text{Mn}_{0.04}$ . <i>Journal of Applied Physics</i> , 2018, 124, 18006.	2.3	16
48	Phase diagram in a single crystal of the double-perovskite iridate $\text{La}_2\text{ZnIrO}_6$ . <i>Physical Review B</i> , 2018, 98, .	1.1	12
49	Critical behaviors of ferromagnetic-paraferromagnetic transition in La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> nanowires bundles under low applied field. <i>Materials Chemistry and Physics</i> , 2018, 216, 260-264.	2.0	2
50	The impact of the molecular weight on the electrochemical properties of poly(TEMPO methacrylate). <i>Polymer Chemistry</i> , 2017, 8, 1815-1823.	1.9	78
51	Magnetic entropy change and accurate determination of Curie temperature in single-crystalline helimagnet FeGe. <i>Europhysics Letters</i> , 2017, 117, 47004.	0.7	24
52	Long range ferromagnetism in (Zn, Mn, Li)Se with competition between double exchange and d-d exchange. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1169-1173.	0.9	1
53	Exploiting Magnetism and Magnetocaloric Effect in Nd <sub>0.55</sub> Sr <sub>0.45</sub> Mn <sub>0.98</sub> Ga <sub>0.02</sub> O <sub>3</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 2227-2232.	0.8	2
54	Magnetic field-driven 3D-Heisenberg-like phase transition in single crystalline helimagnet FeGe. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	19

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55	Spin-dimensionality change induced by Co-doping in the chiral magnet $\text{Fe}_{1-x}\text{Co}_x\text{Si}$ . <i>Europhysics Letters</i> , 2016, 115, 67006.	0.7	8
56	Critical phenomenon of the near room temperature skyrmion material FeGe. <i>Scientific Reports</i> , 2016, 6, 22397.	1.6	43
57	Evolution of the intrinsic electronic phase separation in $\text{La}_{0.6}\text{Er}_{0.1}\text{Sr}_{0.3}\text{MnO}_3$ perovskite. <i>Scientific Reports</i> , 2016, 6, 14.	1.6	93
58	Room-temperature large magnetocaloric effect and critical behavior in $\text{La}_{0.6}\text{Dy}_{0.1}\text{Sr}_{0.3}\text{MnO}_3$ . <i>Ceramics International</i> , 2016, 42, 8234-8239.	2.3	47
59	The nature of graphene's metal bonding probed by Raman spectroscopy: the special case of cobalt. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 105301.	1.3	22
60	Evidence of emerging Griffiths singularity in $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ nanocrystalline probed by magnetization and electron paramagnetic resonance. <i>Materials Chemistry and Physics</i> , 2016, 175, 62-67.	2.0	10
61	Magnetocaloric effect and spontaneous magnetization in perovskite manganite $\text{Nd}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ . <i>Materials Research Bulletin</i> , 2016, 73, 187-191.	2.7	32
62	Magnetic and magnetocaloric properties of nanocrystalline $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>Ceramics International</i> , 2016, 42, 1476-1481.	2.3	18
63	Double Exchange Interaction Between $\text{Mn}^{3+}$ and $\text{Ru}^{4+}$ Ions in $\text{La}_{1-x}\text{Sr}_x\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 3117-3120.	0.8	2
64	Critical behavior and long-range ferromagnetic order in perovskite manganite $\text{Nd}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ . <i>Europhysics Letters</i> , 2015, 112, 17005.	0.7	18
65	Effect of A-site average radius and cation disorder on magnetism and electronic properties in manganite $\text{La}_{0.6}\text{A}_{0.1}\text{Sr}_{0.3}\text{MnO}_3$ (A = Sm, Dy, Er). <i>Journal of Materials Science</i> , 2015, 50, 2130-2137.	1.7	30
66	Impact of disorder effect on the percolative conductivity in $\text{Nd}_{0.5}\text{Ca}_{0.5-x}\text{Sr}_x\text{MnO}_3$ (0.10 $\leq x \leq$ 0.25). <i>Chemical Physics Letters</i> , 2015, 634, 174-178.	1.2	8
67	Electron paramagnetic resonance study of the $f-d$ interaction in pyrochlore iridate $\text{Gd}_2\text{Ir}_2\text{O}_7$ . <i>Philosophical Magazine</i> , 2015, 95, 3014-3022.	0.7	12
68	Magnetic entropy calculation for a second-order ferromagnetic phase transition. <i>Modern Physics Letters B</i> , 2014, 28, 1450059.	1.0	5
69	Critical behavior of the half-doped perovskite $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$ . <i>Journal of Alloys and Compounds</i> , 2014, 588, 294-299.	2.8	33
70	Synthesis of location-dependent phosphorus-doped ZnO nanostructures on the porous alumina membranes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 856-861.	0.8	5
71	Critical behavior of spinel $\text{Mn}_2\text{O}_4$ investigated by dc-magnetization. <i>Journal of Applied Physics</i> , 2014, 115, 233910.	1.1	15
72	Critical exponents of the second-order manganite $\text{Nd}_{0.5}\text{Sr}_{0.25}\text{Ca}_{0.25}\text{MnO}_3$ determined from magnetic entropy change measurements. <i>Phase Transitions</i> , 2014, 87, 676-684.	0.6	8

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73	Investigation of Magnetic Entropy Change and Griffiths-like Phase in $\text{La}_{0.65}\text{Ca}_{0.35}\text{MnO}_3$ Nanocrystalline. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 2779-2786.	0.8	6
74	Scaling analysis of PM $\leftrightarrow$ FM phase transition in $\text{Nd}_{0.5}\text{Sr}_{0.25}\text{Ca}_{0.25}\text{MnO}_3$ based on magnetic entropy change. <i>Materials Chemistry and Physics</i> , 2014, 144, 206-211.	2.0	23
75	Critical behavior of single crystal $\text{CuCr}_2\text{Se}_4$ $\times$ $\text{Br}_x$ ( $x=0.25$ ). <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 201-206.	1.1	9
76	Electron paramagnetic resonance studies on manganite $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{Mn}_{1-x}\text{Ga}_x\text{O}_3$ ( $x=0$ and $0.05$ ). <i>Applied Physics A: Materials Science and Processing</i> , 2013, 112, 397-402.	1.1	6
77	Critical behavior of the in-plane weak ferromagnet $\text{Sr}_2\text{IrO}_4$ . <i>Solid State Communications</i> , 2013, 166, 60-65.	0.9	4
78	Structure, magnetic properties and magnetostriction in $\text{NdFe}_{1.9}$ bulk nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2013, 563, 289-292.	2.8	6
79	ESR study of the orbitally induced Peierls phase transition in polycrystalline. <i>Physica B: Condensed Matter</i> , 2013, 411, 136-139.	1.3	2
80	Investigation of the phase transition of $\text{Ge}_2\text{Sb}_2\text{Te}_5$ films using internal friction method. <i>Journal of Non-Crystalline Solids</i> , 2013, 378, 139-143.	1.5	4
81	Critical behavior and the universal curve for magnetocaloric effect in textured $\text{Mn}_5\text{Ge}_3$ ribbons. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	26
82	Orbitally induced Peierls phase transition driven by phonon change in $\text{CuIr}_2$ $\times$ $\text{Sb}_x\text{S}_4$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 330, 12-15.	1.0	4
83	Anisotropy compensation and magnetostrictive properties in $\text{Tb}_x\text{Dy}_{1-x}(\text{Fe}_{0.9}\text{Mn}_{0.1})_{1.93}$ Laves compounds: Experimental and theoretical analysis. <i>Journal of Applied Physics</i> , 2013, 113, 203906.	1.1	19
84	OBSERVATION OF FIELD DRIVEN-METAMAGNETIC BEHAVIOR AND THERMOMAGNETIC IRREVERSIBILITY IN $\text{SrRu}_{0.8}\text{Fe}_{0.2}\text{O}_3$ . <i>Modern Physics Letters B</i> , 2013, 27, 1350027.	1.0	0
85	CARRIER $\leftrightarrow$ LATTICE RELAXATION FOR BROADENING EPR LINEWIDTH IN $\text{Nd}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ . <i>Modern Physics Letters B</i> , 2013, 27, 1350232.	1.0	0
86	Magnetic critical behavior of $\text{Mn}_5\text{Ge}_3$ ribbons. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 1445-1448.	0.7	4
87	Optimization on magnetic transitions and magnetostriction in $\text{TbDyNd}_z(\text{Fe}_{0.9}\text{Co}_{0.1})_{1.93}$ compounds. <i>Journal of Applied Physics</i> , 2013, 114, 143906.	1.1	10
88	Synthesis and magnetostrictive properties of $\text{Pr}(\text{Fe}_{1.95}\text{B}_{0.05})_{1.93}$ bulk nanocrystalline alloy. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	12
89	Magnetocaloric effect and transition order of $\text{Mn}_5\text{Ge}_3$ ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 4102-4105.	1.0	24
90	Scaling of the magnetic entropy change in spinel selenide $\text{CuCr}_2\text{Se}_4$ . <i>Physica B: Condensed Matter</i> , 2012, 407, 3543-3546.	1.3	17

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91	Structural, magnetic and magnetostrictive behavior in Nd(Fe <sub>1-x</sub> Cox) <sub>1.9</sub> compounds. Journal of Applied Physics, 2012, 112, 063902.	1.1	15
92	Critical behavior in the antiperovskite ferromagnet AlCMn <sub>3</sub> . Physical Review B, 2012, 85, .	1.1	53
93	Spin lattice correlations in Pr <sub>0.55</sub> Sr <sub>0.45</sub> MnO <sub>3</sub> studied by electron paramagnetic resonance. Physica Status Solidi (B): Basic Research, 2012, 249, 1634-1638.	0.7	11
94	Structure and magnetostriction of Ho <sub>1-x</sub> Mo <sub>x</sub> alloys. Journal of Magnetism and Magnetic Materials, 2012, 324, 1627-1630.	1.0	4
95	Investigation of critical behavior in Pr <sub>0.55</sub> Sr <sub>0.45</sub> MnO <sub>3</sub> by using the field dependence of magnetic entropy change. Applied Physics Letters, 2011, 98, .	1.5	79
96	3D-Heisenberg ferromagnetic characteristics in CuCr <sub>2</sub> Se <sub>4</sub> . Journal of Applied Physics, 2011, 109, .	1.1	15
97	Quantitative analysis of the weak anti-localization effect in ultrathin bismuth films. Europhysics Letters, 2011, 95, 37002.	0.7	21
98	Investigation of the influence on graphene by using electron-beam and photo-lithography. Solid State Communications, 2011, 151, 1574-1578.	0.9	49
99	Synthesis and Magnetostrictive Properties of High-Pr Content $\text{Sm}_{1-x}\text{Pr}_x\text{Fe}_{1.9}$ Cubic Laves Alloys. IEEE Transactions on Magnetics, 2011, 47, 2890-2892.	1.2	1
100	ESR study of the ferrimagnetic spinel selenide CuCr <sub>2</sub> Se <sub>4</sub> . European Physical Journal B, 2011, 83, 325-328.	0.6	10
101	Magnetic and magnetocaloric properties of perovskite manganite Pr <sub>0.55</sub> Sr <sub>0.45</sub> MnO <sub>3</sub> . Physica B: Condensed Matter, 2011, 406, 2289-2292.	1.3	50
102	Transport and magnetic properties of the system. Solid State Communications, 2011, 151, 887-891.	0.9	4
103	Suppression of ferromagnetism and metal-like conductivity in lightly Fe-doped SrRuO <sub>3</sub> . Journal of Applied Physics, 2011, 110, 043907.	1.1	15
104	Magnetocaloric effect of half-doped manganite Nd <sub>0.5</sub> Ca <sub>0.25</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> . Physica B: Condensed Matter, 2010, 405, 3120-3123.	1.3	12
105	Heisenberg-like ferromagnetism and percolative conductivity in the half-doped manganite Nd <sub>0.5</sub> Ca <sub>0.25</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2010, 322, 3692-3695.	1.0	8
106	Investigation of charge order manganites (; ). Physica B: Condensed Matter, 2010, 405, 524-528.	1.3	2
107	Spin lattice coupling studied by magnetic entropy and EPR in the system. Solid State Communications, 2010, 150, 2109-2113.	0.9	11
108	Critical properties of the 3D-Heisenberg ferromagnet chem{CdCr <sub>2</sub> Se <sub>4</sub> }. Europhysics Letters, 2010, 91, 57001.	0.7	34

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109	Magnetic and magnetostrictive properties in high-pressure synthesized $\text{Dy}_{1-x}\text{Pr}_x\text{Fe}_{1.9}$ cubic Laves alloys. <i>Journal of Alloys and Compounds</i> , 2010, 506, 533-536.	2.8	17
110	Critical properties of the perovskite manganite $\text{La}_{1-x}\text{Mn}_x\text{O}_3$ . <i>Physical Review B</i> , 2010, 81, .	1.1	221
111	Magnetocaloric effect in perovskite manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2838-2841.	1.0	37
112	Effect of magnetism and average radius at A-site on in (, Pr, Gd, Dy) system. <i>Solid State Communications</i> , 2008, 145, 11-14.	0.9	12
113	Strain-driven inverse thermal hysteresis behaviour in half-doped manganites. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 105013.	1.3	9
114	Direct electrical observation of spin Hall effect in Bi film. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	19
115	Ordering state and magnetism in highly doped manganites studied with magnetization and ESR measurements. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 125214.	0.7	4
116	Electric and magnetic behaviour in double doped $\text{La}_{2/3+4x/3}\text{Sr}_{1/3-4x/3}\text{Mn}_{1-x}\text{Mg}_x$ . <i>Chinese Physics B</i> , 2007, 16, 258-265.	1.3	2
117	Griffiths phase and magnetic polaronic behavior in B-site disordering manganites. <i>Journal of Applied Physics</i> , 2007, 101, 123910.	1.1	25
118	Evidence for instability in charge ordering $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ . <i>Solid State Communications</i> , 2007, 141, 141-144.	0.9	4
119	The coupling interaction between charge ordering and spin ordering in a CO/C-type AFM system. <i>Solid State Communications</i> , 2007, 144, 31-36.	0.9	0
120	Ordering state and magnetism in highly doped manganite $\text{Gd}_{0.4}\text{Ca}_{0.6}\text{MnO}_3$ . <i>Solid State Communications</i> , 2007, 144, 189-193.	0.9	3
121	The effect of Ga doping in $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ system. <i>Solid State Communications</i> , 2007, 144, 300-304.	0.9	9
122	Influence of A-site disorder on the half-doped manganites. <i>Journal of Applied Physics</i> , 2006, 100, 053902.	1.1	5
123	Instability stemming from the phase competition in $\text{Nd}_{0.5}\text{Sr}_{0.45}\text{Ca}_{0.05}\text{MnO}_3$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 352, 115-118.	0.9	2
124	Magnetic and transport properties in $\text{Sr}_{1-x}\text{La}_x\text{Fe}_{1-x}\text{Mn}_x\text{O}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 306, 73-78.	1.0	4
125	Unveiling instability in Cr-doped $\text{Nd}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 307, 186-190.	1.0	4
126	Charge order melting and magnetic transition in $\text{Nd}_{0.5(1+x)}\text{Ca}_{0.5(1-x)}\text{Mn}_{(1-x)}\text{Cr}_x\text{O}_3$ system. <i>Solid State Communications</i> , 2006, 138, 299-304.	0.9	10

#	ARTICLE	IF	CITATIONS
127	Charge ordering melting and evidence for a metastable antiferromagnetic phase in $\text{Nd}_{0.5(1-x)}\text{Ca}_{0.5(1+x)}\text{Mn}_2\text{Ti}$ . <i>Europhysics Letters</i> , 2006, 74, 506-511.	0.7	8
128	Superconductivity and anomalous magnetic properties of the double-doping $\text{La}_{1.85-2x}\text{Sr}_{0.15+2x}\text{Cu}_{1-x}\text{Ru}_x\text{O}_4$ ( $0 \leq x \leq 0.3$ ) compounds. <i>Physical Review B</i> , 2006, 73, .	1.1	2
129	Effect of Ru doping in $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ and $\text{La}_{0.45}\text{Sr}_{0.55}\text{MnO}_3$ . <i>Physical Review B</i> , 2006, 74, .	1.1	36
130	Influence of doped Dy on magnetic and electronic properties in $\text{La}_{0.67-x}\text{Dy}_x\text{Sr}_{0.33}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 288, 92-105.	1.0	21
131	Percolative conductivity in the $\text{La}_{0.67}\text{Sr}_{0.33}\text{Mn}_{1-x}\text{Mg}_x\text{O}_3$ system. <i>Physical Review B</i> , 2003, 68, .	1.1	17