Lei Zhang

List of Publications by Year
in descending order

181 papers	3,270 citations	172457 29 h-index	206112 48 g-index
181 all docs	181 docs citations	181 times ranked	3776 citing authors

#	Article	IF	Citations
1	Phononâ€Related Monochromatic THz Radiation and its Magnetoâ€Modulation in 2D Ferromagnetic Cr₂Ge₂Te₆. Advanced Science, 2022, 9, e2103229.	11.2	4
2	Critical Behavior of the (111)â€Oriented LaCoO₃/SrTiO₃ Thin Film. Physica Status Solidi (B): Basic Research, 2022, 259, 2100424.	1.5	4
3	Tricritical-point phase diagram in PrCu₉Sn₄. Journal of Physics Condensed Matter, 2022, 34, 155803.	1.8	1
4	Epitaxial growth and room-temperature ferromagnetism of quasi-2D layered Cr₄Te₅ thin film. Journal Physics D: Applied Physics, 2022, 55, 165001.	2.8	4
5	Fabrication and magneticâ€“electronic properties of van der Waals Cr₄Te₅ ferromagnetic films. CrystEngComm, 2022, 24, 674-680.	2.6	7
6	Field-induced tricritical phenomenon and magnetic structures in magnetic Weyl semimetal candidate NdAlGe. New Journal of Physics, 2022, 24, 013010.	2.9	15
7	Kohlerâ€™s rule and anisotropic Berry-phase effect in nodal-line semimetal ZrSiSe. Journal of Applied Physics, 2022, 131, .	2.5	5
8	Critical behavior and strongly anisotropic interactions in PrMn₂Ge₂. Applied Physics Letters, 2022, 120, 092402.	3.3	9
9	Critical behavior and phase diagram of layered ferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeTa</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>6</mml:mn></mml:mrow></mml:math> single crystals. Physical Review B, 2022, 105, .	3.2	5
10	Microwave response of chiral magnetic soliton in Yb(Ni1â^'xCux)3Al9. Applied Physics Letters, 2022, 120, .	3.3	1
11	Magnetism, spin-phonon coupling and Kitaev interaction in Mott insulator La2ZnIrO6 single crystal oxide. Ceramics International, 2022, 48, 29190-29196.	4.8	1
12	Dendrite morphology in Al-20Âwt%Cu hypoeutectic alloys in 24ÂT high magnetic field quantified by ex-situ X-ray tomography. Journal of Alloys and Compounds, 2022, 918, 165679.	5.5	3
13	RKKY-type in-plane ferromagnetism in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>4</mml:mn></mml:mrow><mml:mi mathvariant="normal">NbS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> single crystals. Physical Review B, 2022, 105, .	3.2	3
14	The investigation of magnetic phase transitions and magnetocaloric properties in high-pressure annealed MnNiFeGe alloy. Philosophical Magazine, 2021, 101, 964-975.	1.6	3
15	Topological quantum phase transition in the magnetic semimetal HoSb. Journal of Materials Chemistry C, 2021, 9, 6996-7004.	5.5	4
16	Itinerant magnetism in the half-metallic Heusler compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Co</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">HfSn</mml:mi></mml:math> : Evidence from critical behavior combined with first-principles calculations. Physical Review B, 2021, 103, .	3.2	11
17	Self-Locomotive Soft Actuator Based on Asymmetric Microstructural Ti₃C₂T_x MXene Film Driven by Natural Sunlight Fluctuation. ACS Nano, 2021, 15, 5294-5306.	14.6	103
18	Signatures of Fermi surface topology change in the nodal-line semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>ZrSiSe</mml:mi></mml:msub></mml:mrow></mml:math> Physical Review B, 2021, 103, .	3.2	4

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19	Large negative thermal expansion promoted by microstructure in hexagonal Fe1â^'xCoxS. Journal of Alloys and Compounds, 2021, 862, 158616.	5.5	4
20	Roomâ€Temperature Magnetic Field Effect on Excitonic Photoluminescence in Perovskite Nanocrystals. Advanced Materials, 2021, 33, e2008225.	21.0	24
21	Critical behavior of the magnetic Weyl semimetal PrAlGe. Physical Review B, 2021, 103, .	3.2	16
22	Growth dynamics of the segregated phase in Zn-6Âwt%Bi immiscible alloy superheated in super high static magnetic field. Journal of Alloys and Compounds, 2021, 879, 160410.	5.5	6
23	Two-dimensional magnetic interplay in the tensile-strained LaCoO₃ thin films. Physical Chemistry Chemical Physics, 2021, 23, 4912-4918.	2.8	11
24	Thermal enhancement of the ²H_{11/2} â†' ⁴I_{15/2} up-conversion luminescence of Er³⁺-doped K₂Yb(PO₄)(MoO₄) phosphors. Journal of Materials Chemistry C, 2021, 9, 12159-12167.	5.5	12
25	Anisotropic magnetoresistance behaviors in the layered ferromagnetic Cr2Ge2Te6. Journal Physics D: Applied Physics, 2020, 53, 025101.	2.8	8
26	Critical phenomenon of the layered chiral helimagnetic YbNi₃Al₉. New Journal of Physics, 2020, 22, 013018.	2.9	3
27	Microwave response of the chiral helimagnetic MnNb3S6. Applied Physics Letters, 2020, 117, .	3.3	5
28	Field-induced tricritical behavior in the NÃ©el-type skyrmion host GaV4S8. Physical Review B, 2020, 102, .	3.2	3
29	Field-induced tricritical phenomenon and multiple phases in DySb. Physical Review B, 2020, 102, .	3.2	11
30	Quantum oscillations and anomalous angle-dependent magnetoresistance in the topological candidate Ag3Sn. Physical Review B, 2020, 101, .	3.2	5
31	Large Linear Negative Thermal Expansion in NiAs-type Magnetic Intermetallic Crâ€"Teâ€"Se Compounds. Inorganic Chemistry, 2020, 59, 8603-8608.	4.0	11
32	Temperature-Induced Lifshitz Transition and Possible Excitonic Instability in ZrSiSe. Physical Review Letters, 2020, 124, 236601.	7.8	34
33	Scaling of the magnetic entropy change in chiral helimagnetic YbNi₃Al₉. Journal of Physics Condensed Matter, 2020, 32, 195801.	1.8	3
34	Defects controlled doping and electrical transport in TiS2 single crystals. Applied Physics Letters, 2020, 116, .	3.3	5
35	Disorder-driven non-Fermi liquid behavior in itinerant ferromagnet Î±-Co5Ge3. Journal of Physics Condensed Matter, 2020, 32, 155802.	1.8	1
36	Observation of charge density wave transition in TaSe3 mesowires. Applied Physics Letters, 2019, 115, .	3.3	21

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37	Isotropic magnetoresistance and enhancement of ferromagnetism through repetitious bending moments in flexible perovskite manganite thin film. Journal of Alloys and Compounds, 2019, 806, 753-760.	5.5	28
38	Field-dependent anisotropic magnetic coupling in layered ferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>Ge</mml:mi><mml:mn>3</mml:mn></mm Physical Review B, 2019, 100, .	3.2	16
39	Giant Negative Thermal Expansion in Antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mrow><mml:mi>Cr</mml:mi><mml:mi>As</mml:mi></mml:mrow></mml:math> -Based Compounds. Physical Review Applied, 2019, 12, .	3.8	9
40	High field magnetic properties of the triangular-lattice antiferromagnet AgCrS2. Journal of Magnetism and Magnetic Materials, 2019, 489, 165409.	2.3	1
41	Emergent phenomena of magnetic skyrmion and large DM interaction in perovskite manganite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.8</mml:mn> Journal of Magnetism and Magnetic Materials, 2019, 483, 42-47.	2.3	27
42	Critical behavior in the half-metallic Heusler alloy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Co</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>TiSn</mml:mi></mml:math>. Physical Review B, 2019, 100, .	3.2	18
43	Magnetoelastic anisotropy of antiferromagnetic materials. Applied Physics Letters, 2019, 115, .	3.3	12
44	Reversal and non-reversal ferroelectric polarizations in a Y-type hexaferrite. Journal of Materials Chemistry C, 2019, 7, 340-345.	5.5	14
45	Critical phenomenon and phase diagram of Mn-intercalated layered MnNb₃S₆. Journal of Physics Condensed Matter, 2019, 31, 195803.	1.8	20
46	Spin Glass in a Geometrically Frustrated Magnet of ZnFe2O4 Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3553-3558.	1.8	6
47	Magnetic correlations and transport properties in triangular-lattice nickel germanide Ni1.8Ge single crystal. Journal of Magnetism and Magnetic Materials, 2018, 460, 104-110.	2.3	3
48	Superconducting properties of molybdenum ruthenium alloy Mo0.63Ru0.37. European Physical Journal B, 2018, 91, 1.	1.5	3
49	Magnetic and Transport Properties of Co1+Î´Sb Single Crystals. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1841-1846.	1.8	4
50	3D-Heisenberg magnetic coupling in the skyrmion system Fe1.5â^'Co Rh0.5Mo3N (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 23 Journal of Alloys and Compounds, 2018, 739, 85-91.	5.5	4
51	Different pressure effects in A2Ir2O7 (Aâ€¯=â€¯Gd, Eu, and Sm). Journal of Alloys and Compounds, 2018, 741, 182-187.	5.5	6
52	Coexistence of spin-lattice and spin-spin relaxation mechanism in perovskite manganite (La0.5Pr0.5)0.67Ca0.33MnO3. Materials Chemistry and Physics, 2018, 212, 230-236.	4.0	7
53	Topological semimetal state and field-induced Fermi surface reconstruction in the antiferromagnetic monopnictide NdSb. Physical Review B, 2018, 97, .	3.2	37
54	Short-range antiferromagnetic correlations and large magnetic entropy change in (La0.5Pr0.5)0.67Ca0.33MnO3. Journal of Materials Science, 2018, 53, 323-332.	3.7	15

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55	Scaling study of magnetic phase transition and critical behavior in Nd0.55Sr0.45Mn0.98Ga0.02O3 manganite. Materials Research Bulletin, 2018, 99, 393-397.	5.2	18
56	Spin reorientation and giant low-temperature magnetostriction of polycrystalline NdFe1.9 compound. Journal of Magnetism and Magnetic Materials, 2018, 451, 515-519.	2.3	9
57	Critical behavior of the single-crystalline van der Waals bonded ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2018, 98, .	3.2	37
58	Isotropic Low Thermal Expansion over a Wide Temperature Range in Ti1â€“xZrxF3+x (0.1 â‰¤ x â‰¤ 0.5) Solid Solutions. Inorganic Chemistry, 2018, 57, 14396-14400.	4.0	11
59	Magnetic and magnetoelectric properties of hybrid-frustrated Bi 2 Ir 2â^'x Mn x O 7 pyrochlores. Solid State Communications, 2018, 278, 36-41.	1.9	3
60	High optical transmittance and anomalous electronic transport in flexible transparent conducting oxides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0022.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>0.96</mml:mn> Ceramics International, 2018, 44, 18001-18006.	4.8	16
61	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>H</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>T< phase diagram in a single crystal of the double-perovskite iridate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>La</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:mi>ZnIrO</mml:mi><mml:msub><mml:mrow	3.2	12
62	Critical behavior in the itinerant ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>AsNC</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> with tetragonal-antiperovskite structure. Physical Review B, 2018, 98, .	3.2	18
63	Competing spin fluctuations and trace of vortex dynamics in the two-dimensional triangular-lattice antiferromagnet AgCrS₂. Journal of Physics Condensed Matter, 2018, 30, 265802.	1.8	3
64	Experimental Observation of Anisotropic Adler-Bell-Jackiw Anomaly in Type-II Weyl Semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WTe</mml:mi></mml:mrow><mml:mrow><mml:mn>1.98</mml:mn> Crystals at the Quasiclassical Regime. Physical Review Letters, 2017, 118, 096603.	7.8	114
65	Large Positive Thermal Expansion and Small Band Gap in Double-ReO₃-Type Compound NaSbF₆. Inorganic Chemistry, 2017, 56, 4990-4995.	4.0	8
66	Enhancement of superconductivity in FeSe thin crystals induced by biaxial compressive strain. Physica C: Superconductivity and Its Applications, 2017, 537, 1-4.	1.2	4
67	Critical behavior in tetragonal antiperovskite GeNFe₃with a frustrated ferromagnetic state. Physical Chemistry Chemical Physics, 2017, 19, 13703-13709.	2.8	21
68	Magnetic entropy change and accurate determination of Curie temperature in single-crystalline helimagnet FeGe. Europhysics Letters, 2017, 117, 47004.	2.0	24
69	Opposite pressure effects in the orbitally-induced Peierls phase transition systems CuIr2S4 and MgTi2O4. Dalton Transactions, 2017, 46, 6708-6714.	3.3	4
70	Exploiting Magnetism and Magnetocaloric Effect in Nd0.55Sr0.45Mn0.98Ga0.02 O 3. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2227-2232.	1.8	2
71	Mott transition controlled by lattice-orbital coupling in 3d -metal-doped double-layer ruthenates. Physical Review B, 2017, 96, .	3.2	10
72	Localization induced by pressure in pyrochlore Bi2Ir2O7. Ceramics International, 2017, 43, 17100-17103.	4.8	3

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73	Critical point and phase diagram based on critical scaling in the monoaxial chiral helimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Cr</mml:mi><mml:mrow><mml:mn mathvariant="bold">1</mml:mn><mml:mo>/</mml:mo><mml:mn mathvariant="bold">3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">NbS</mml:mi><mml:mn	3.2	52
74	Ferroelectricity of structural origin in the spin-chain compounds Ca3Co2â”xMnxO6. Physical Review B, 2017, 96, .	3.2	6
75	Critical behavior of the van der Waals bonded high T C ferromagnet Fe3GeTe2. Scientific Reports, 2017, 7, 6184.	3.3	49
76	Anisotropic anomalous Hall effect in triangular itinerant ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sn</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 96, .	3.2	11
77	Scaling of the magnetic entropy change in skyrmion material Fe 0.5 Co 0.5 Si. Materials Research Bulletin, 2017, 94, 500-505.	5.2	19
78	Nonzero electric polarization and four magnetoelectric states at zero magnetic field in Cr-doped Y-type hexaferrite. Applied Physics Letters, 2017, 110, 262901.	3.3	11
79	Critical phenomenon in the itinerant ferromagnet Cr11Ge19 studied by scaling of the magnetic entropy change. Journal of Alloys and Compounds, 2017, 693, 389-393.	5.5	7
80	Ultra-low thermal expansion realized in giant negative thermal expansion materials through self-compensation. APL Materials, 2017, 5, .	5.1	15
81	Scotch tape induced strains for structural variation of FeTe0.5Se0.5 and Fe1.05Te single crystals. AIP Advances, 2016, 6, 025207.	1.3	2
82	De Hass-van Alphen and magnetoresistance reveal predominantly single-band transport behavior in PdTe2. Scientific Reports, 2016, 6, 31554.	3.3	34
83	Spin-dimensionality change induced by Co-doping in the chiral magnet Fe _{1â”x} Co _x Si. Europhysics Letters, 2016, 115, 67006.	2.0	8
84	Critical dependence of magnetostructural coupling and magnetocaloric effect on particle size in Mn-Fe-Ni-Ge compounds. Scientific Reports, 2016, 6, 20993.	3.3	26
85	Spin correlations and colossal magnetoresistance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgCr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>	3.2	15
86	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">R</mml:mi><mml:msub><mml:mi mathvariant="normal">h</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math>: Noncentrosymmetric<mml:math xmlns:	3.2	26
87	The in-plane ferromagnetic ordering in half-metallic CuCr2 Se4â” Br (xÂ=Â0.25) single crystal. Journal of Alloys and Compounds, 2016, 685, 304-308.	5.5	2
88	Enhanced Superconductivity in Double-Doping Cu0.15TaSe2â”x S x. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2281-2285.	1.8	2
89	Emergence of skyrmions from rich parent phases in the molybdenum nitrides. Physical Review B, 2016, 93, .	3.2	43
90	Critical phenomenon of the near room temperature skyrmion material FeGe. Scientific Reports, 2016, 6, 22397.	3.3	43

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91	Critical behavior of the quasi-two-dimensional semiconducting ferromagnet CrSiTe3. Scientific Reports, 2016, 6, 33873.	3.3	66
92	Superconductivity in Undoped CaFe ₂ As ₂ Single Crystals. Chinese Physics Letters, 2016, 33, 067402.	3.3	13
93	Evolution of the intrinsic electronic phase separation in La0.6Er0.1Sr0.3MnO3 perovskite. Scientific Reports, 2016, 6, 14.	3.3	93
94	Anisotropic magnetic coupling with a two-dimensional characteristic in noncentrosymmetric Cr11Ge19. Scientific Reports, 2016, 6, 39338.	3.3	8
95	Structural, magnetic and electrical properties in the pyrochlore oxide Bi2â^'Ca Ir2O7â^'. Ceramics International, 2016, 42, 4562-4566.	4.8	14
96	Room-temperature large magnetocaloric effect and critical behavior in La0.6Dy0.1Sr0.3MnO3. Ceramics International, 2016, 42, 8234-8239.	4.8	47
97	Investigation of spin-phonon coupling in triangular-lattice antiferromagnet AgCrS2 by infrared transmission spectroscopy. Journal of Magnetism and Magnetic Materials, 2016, 404, 175-178.	2.3	4
98	Evidence of emerging Griffiths singularity in La0.5 Sr0.5 MnO3 nanocrystalline probed by magnetization and electron paramagnetic resonance. Materials Chemistry and Physics, 2016, 175, 62-67.	4.0	10
99	Magnetocaloric effect and spontaneous magnetization in perovskite manganite Nd 0.55 Sr 0.45 MnO 3. Materials Research Bulletin, 2016, 73, 187-191.	5.2	32
100	Gapless quantum spin liquid ground state in the two-dimensional spin-1/2 triangular antiferromagnet YbMgGaO4. Scientific Reports, 2015, 5, 16419.	3.3	213
101	Controllable magnetization and resistivity jumps of manganite thin films on BaTiO3 substrate. AIP Advances, 2015, 5, 117135.	1.3	2
102	Unusual ferromagnetic critical behavior owing to short-range antiferromagnetic correlations in antiperovskite Cu1-xNMn3+x (0.1 â‰¤ x â‰¤ 0.4). Scientific Reports, 2015, 5, 7933.	3.3	43
103	Critical behavior of the single-crystal helimagnet MnSi. Physical Review B, 2015, 91, .	3.2	63
104	The effect of pressure on the magnetic interactions in spin gap compound Ba3Cr2O8. Physica B: Condensed Matter, 2015, 464, 74-76.	2.7	0
105	Large reversible magnetostrictive effect in the Gd1â^'xSmxMn2Ge2 (x=0.37,0.34) alloys at room temperature. Journal of Alloys and Compounds, 2015, 628, 146-150.	5.5	13
106	Effect of A-site average radius and cation disorder on magnetism and electronic properties in manganite $$hbox {La}_{0.6}hbox {A}_{0.1}hbox {Sr}_{0.3}hbox {MnO}_{3}$$ La 0.6 A 0.1 Sr 0.3 MnO 3 (A = Sm, Dy, Er). Journal of Materials Science, 2015, 50, 2130-2137.	3.7	30
107	Impact of disorder effect on the percolative conductivity in Nd0.5Ca0.5â^'Sr MnO3 (0.10 â‰¤xâ‰¤ 0.25). Chemical Physics Letters, 2015, 634, 174-178.	2.6	8
108	Scaling investigation of the magnetic entropy change in helimagnetÂMnSi. Journal of Alloys and Compounds, 2015, 649, 46-49.	5.5	17

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109	Formation of As-As bond and its effect on absence of superconductivity in the collapsed tetragonal phase of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>0.86</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>An optical spectroscopy study. Physical Review B, 2015, 91, .	3.2	9
110	Enhanced ferromagnetism and emergence of spin-glass-like transition in pyrochlore compound Dy2Ti2â^'xVxO7. Journal of Magnetism and Magnetic Materials, 2015, 388, 135-142.	2.3	8
111	Doping effects of Sb in FeTe1â^'xSbx single crystals. Physica C: Superconductivity and Its Applications, 2015, 513, 39-42.	1.2	2
112	Electron paramagnetic resonance study of thefâ€“dinteraction in pyrochlore iridate Gd₂Ir₂O₇. Philosophical Magazine, 2015, 95, 3014-3022.	1.6	12
113	Magnetic entropy calculation for a second-order ferromagnetic phase transition. Modern Physics Letters B, 2014, 28, 1450059.	1.9	5
114	A Comparison of the Effects of Sm and Pb Doping in Bi4O4S3 Superconductor. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2555-2562.	1.8	3
115	Broadening of the orbitally-induced Peierls phase transition in Cu 1â^'x Na x Ir 2 S 4. Journal of Alloys and Compounds, 2014, 617, 774-778.	5.5	0
116	Study of negative thermal expansion in the frustrated spinel ZnCr2Se4. Journal of Applied Physics, 2014, 115, 083916.	2.5	13
117	Temperature dependence of the magnetostriction in polycrystalline PrFe1.9 and TbFe2 alloys: Experiment and theory. Journal of Applied Physics, 2014, 115, 173902.	2.5	14
118	Lattice dynamics study of the structural transition in IrTe2. Philosophical Magazine, 2014, 94, 439-446.	1.6	4
119	Critical behavior of the half-doped perovskite Pr0.5Sr0.5CoO3â^'Î". Journal of Alloys and Compounds, 2014, 588, 294-299.	5.5	33
120	Superconducting properties of BiSe ₂ -based LaO _{1â^'x} F _x BiSe ₂ single crystals. Europhysics Letters, 2014, 107, 37006.	2.0	13
121	Critical behavior of spinel MnV2O4investigated by dc-magnetization. Journal of Applied Physics, 2014, 115, 233910.	2.5	15
122	Critical exponents of the second-order manganite Nd_{0.5}Sr_{0.25}Ca_{0.25}MnO₃determined from magnetic entropy change measurements. Phase Transitions, 2014, 87, 676-684.	1.3	8
123	Investigation of Magnetic Entropy Change and Griffiths-like Phase in La0.65Ca0.35MnO3 Nanocrystalline. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2779-2786.	1.8	6
124	Effect of K-Dopant on the Electro-Magnetic Behaviors in Cu_{1â^'}_xK_xIr₂S₄. Journal of the Physical Society of Japan, 2014, 83, 024602.	1.6	1
125	Magnetic order, spin dynamics and transport properties of the pyrochlore iridate Y2Ir2O7. Solid State Communications, 2014, 179, 1-5.	1.9	27
126	Magnetic order and dynamical properties of the spin-frustrated magnet Dy2â^'xYbxTi2O7. Journal of Magnetism and Magnetic Materials, 2014, 349, 173-179.	2.3	15

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127	Scaling analysis of PMâ€“FM phase transition in Nd0.5Sr0.25Ca0.25MnO3 based on magnetic entropy change. Materials Chemistry and Physics, 2014, 144, 206-211.	4.0	23
128	Frustrated magnetism and dynamical properties in pyrochlore-type magnet Dy2Ti2â^'xFexO7. Journal of Magnetism and Magnetic Materials, 2014, 369, 107-113.	2.3	10
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130	Electron paramagnetic resonance studies on manganite Pr0.5Sr0.5Mn1â^'x Ga x O3 (x=0 and 0.05). Applied Physics A: Materials Science and Processing, 2013, 112, 397-402.	2.3	6
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