

Haidong Zhou

List of Publications by Year in descending order

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321
papers

8,360
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41046

49
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80575

73
g-index

337
all docs

337
docs citations

337
times ranked

10764
citing authors

#	ARTICLE	IF	CITATIONS
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1	Synthesis and magnetic properties of the Shastry-Sutherland family $\langle mml:math$		
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#	ARTICLE	IF	CITATIONS
19	Magnetic order and spin liquid behavior in $\text{Mn}_2\text{V}_2\text{O}_{12}$ molecular magnets. <i>Physical Review Materials</i> , 2022, 6, .	1.8	6
20	Temperature-induced valence-state transition in double perovskite $\text{Ba}_2\text{Mn}_2\text{O}_9$. <i>Physical Review Materials</i> , 2022, 6, .	1.8	6
21	Anticollinear order and degeneracy lifting in square lattice antiferromagnet LaSrCrO_4 . <i>Physical Review B</i> , 2022, 105, .	1.8	6
22	Successive Phase Transitions and Multiferroicity in Deformed Triangular-Lattice Antiferromagnets $\text{Ca}_3\text{Mn}_2\text{O}_9$ (M=Co, Ni) with Spatial Anisotropy. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 063004.	1.8	6
23	Controllable Emergent Spatial Spin Modulation in $\text{Sr}_2\text{Mn}_2\text{O}_7$ by <i>In Situ</i> Shear Strain. <i>Physical Review Letters</i> , 2022, 129, .	8.0	6
24	Investigation of the monopole magneto-chemical potential in spin ices using capacitive torque magnetometry. <i>Nature Communications</i> , 2022, 13, .	13.2	2
25	Orbital competition of Mn^{3+} and V^{3+} ions in $\text{Mn}_{1+x}\text{V}_{2-x}\text{O}_4$. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 134002.	1.9	1
26	Hybridized quadrupolar excitations in the spin-anisotropic frustrated magnet Fe_2 . <i>Nature Physics</i> , 2021, 17, 467-472.	11.8	35
27	Neutron scattering investigation of proposed Kosterlitz-Thouless transitions in the triangular-lattice Ising antiferromagnet TmMgGaO_4 . <i>Physical Review B</i> , 2021, 103, .	3.3	18
28	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. <i>Nature Astronomy</i> , 2021, 5, 465-471.	7.8	78
29	Effective point-charge analysis of crystal fields: Application to rare-earth pyrochlores and tripod kagome magnets $\text{Mg}_3\text{R}_2\text{Mg}_2\text{Sb}_2$. <i>Physical Review B</i> , 2021, 103, .	3.6	7
30	Probing magnetic symmetry in antiferromagnetic Fe_4O_9 single crystals by linear magnetoelectric tensor. <i>Physical Review B</i> , 2021, 103, .	3.3	7
31	Feasibility, safety, and efficacy of ultrasound-guided transperineal laser ablation for the treatment of benign prostatic hyperplasia: a single institutional experience. <i>World Journal of Urology</i> , 2021, 39, 3867-3873.	2.4	28
32	Dual Orbital Degeneracy Lifting in a Strongly Correlated Electron System. <i>Physical Review Letters</i> , 2021, 126, 186402.	8.0	11
33	Multiple quantum phase transitions of different nature in the topological kagome magnet $\text{Co}_3\text{Sn}_2\text{In}_x\text{S}_2$. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	17
34	Magnetic ordering in the Ising antiferromagnetic pyrochlore $\text{Nd}_2\text{ScNbO}_7$. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 245802.	1.9	10
35	Closing the spin gap of $\text{K}_2\text{Mn}_2\text{O}_7$ through chemical substitution. <i>Physical Review Materials</i> , 2021, 5, .	1.9	10
36	Evolution of magnetic field induced ordering in the layered quantum Heisenberg triangular-lattice antiferromagnet $\text{Ba}_3\text{CoSb}_2\text{O}_9$. <i>Physical Review B</i> , 2021, 103, .	3.3	11

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37	Experimental evidence for a valence-bond glass in the double perovskite BaMn_2S_2 . <i>Physical Review B</i> , 2021, 103, 080401.	3.3	7
38	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. <i>Physical Review Letters</i> , 2021, 126, 241103.	8.0	79
39	Freezing of a Disorder Induced Spin Liquid with Strong Quantum Fluctuations. <i>Physical Review Letters</i> , 2021, 127, 017201.	8.0	5
40	Construction and on-site performance of the LHAASO WFCTA camera. <i>European Physical Journal C</i> , 2021, 81, 1.	4.0	20
41	Spin Reorientation in Antiferromagnetic Layered FePt_5P . <i>ACS Applied Electronic Materials</i> , 2021, 3, 3501-3508.	4.4	9
42	Survival of itinerant excitations and quantum spin state transitions in YbMgGaO_4 with chemical disorder. <i>Nature Communications</i> , 2021, 12, 4949.	13.2	22
43	Design and Testing of the Front-End Electronics of WCDA in LHAASO. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 2257-2267.	2.0	0
44	A dynamic range extension system for LHAASO WCDA-1. <i>Radiation Detection Technology and Methods</i> , 2021, 5, 520-530.	0.8	1
45	Field-induced quantum spin disordered state in spin-1/2 honeycomb magnet $\text{Na}_2\text{Co}_2\text{TeO}_6$. <i>Nature Communications</i> , 2021, 12, 5559.	13.2	72
46	Quantum spin state transitions in the spin-1 equilateral triangular lattice antiferromagnet $\text{Na}_2\text{Co}_2\text{TeO}_6$. <i>Physical Review B</i> , 2021, 104, .	13.2	72
47	Domain Wall Patterning and Giant Response Functions in Ferrimagnetic Spinels. <i>Advanced Science</i> , 2021, 8, 2101402.	12.4	1
48	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. <i>Radiation Detection Technology and Methods</i> , 2021, 5, 531.	0.8	1
49	Static and dynamic magnetic properties of honeycomb lattice antiferromagnets $\text{Na}_2\text{Co}_2\text{TeO}_6$ and $\text{Ni}_2\text{Co}_2\text{TeO}_6$. <i>Physical Review B</i> , 2021, 104, .	3.3	43
50	Magneto-transport evidence for strong topological insulator phase in ZrTe_5 . <i>Nature Communications</i> , 2021, 12, 6758.	13.2	12
51	Effects of Dietary Fiber on Growth Performance, Fat Deposition, Fat Metabolism, and Expression of Lipoprotein Lipase Mrna in Two Breeds of Geese. <i>Brazilian Journal of Poultry Science</i> , 2021, 23, .	0.7	0
52	The Transport Properties of Quasi-“One-Dimensional $\text{Ba}_3\text{Co}_2\text{O}_6(\text{CO}_3)_{0.7}$. <i>Frontiers in Physics</i> , 2021, 9, .	2.2	0
53	Suppressed-moment 2-k order in the canonical frustrated antiferromagnet $\text{Gd}_2\text{Ti}_2\text{O}_7$. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	13
54	Extremely slow nonequilibrium monopole dynamics in classical spin ice. <i>Physical Review B</i> , 2020, 101, .	3.3	5

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55	Magnetic field induced phase transition in spinel GeNi ₂ O ₄ . Physical Review B, 2020, 102, .	3.3	2
56	Unraveling the Topological Phase of $ZrTe_5$ via Magneto-infrared Spectroscopy. Physical Review Letters, 2020, 125, 046403.	8.0	5
57	Near Degeneracy of Magnetic Phases in Two-Dimensional Chromium Telluride with Enhanced Perpendicular Magnetic Anisotropy. ACS Nano, 2020, 14, 15256-15266.	15.3	38
58	Clathrate BaNi ₂ P ₄ : An Interplay of Heat and Charge Transport Due to Strong Host-Guest Interactions. Chemistry of Materials, 2020, 32, 7932-7940.	7.1	12
59	Possible itinerant excitations and quantum spin state transitions in the effective spin-1/2 triangular-lattice antiferromagnet Na ₂ BaCo(PO ₄) ₂ . Nature Communications, 2020, 11, 4216.	13.2	48
60	Noncollinear magnetic structure and magnetoelectric coupling in buckled honeycomb Co_4O_9 : A single-crystal neutron diffraction study. Physical Review B, 2020, 102, .	3.3	22
61	Quantum Versus Classical Spin Fragmentation in Dipolar Kagome Ice Ho_3O_7 . Physical Review X, 2020, 10, .	9.1	19
62	Self-organization of various phase-separated nanostructures in a single chemical vapor deposition. Nano Research, 2020, 13, 1723-1732.	10.6	3
63	Current-induced CrI ₃ surface spin-flop transition probed by proximity magnetoresistance in Pt. 2D Materials, 2020, 7, 045006.	4.5	6
64	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. Polyhedron, 2020, 184, 114488.	2.3	10
65	Machine-learning-assisted insight into spin ice Dy ₂ Ti ₂ O ₇ . Nature Communications, 2020, 11, 892.	13.2	59
66	Charge density wave modulation in superconducting $BaPb_3O_3$ superlattices. Physical Review B, 2020, 101, .	3.3	5
67	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	13.2	119
68	Magnetically driven phonon instability enables the metal-insulator transition in h-FeS. Nature Physics, 2020, 16, 669-675.	11.8	26
69	Chalcogen magnetic order in the garnet $Ca_2Fe_3S_8$. Physical Review B, 2020, 101, .	3.3	5
70	Superconductivity in Metal-Rich Chalcogenide Ta ₂ Se. Inorganic Chemistry, 2020, 59, 5798-5802.	4.2	11
71	Realization of the orbital-selective Mott state at the molecular level in $Ba_3Co_2Sb_5O_{19}$. Physical Review Letters, 2020, 125, 046403.	2.5	10
72	Large spin-driven dielectric response and magnetoelectric coupling in the buckled honeycomb Nb_2O_9 . Physical Review Materials, 2020, 4, .	2.5	10

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73	Synthesis, characterization, and single-crystal growth of a high-entropy rare-earth pyrochlore oxide. Physical Review Materials, 2020, 4, .	2.5	21
74	Structural, electronic, and magnetic properties of nearly ideal Ir_2O_7 iridium halides. Physical Review Materials, 2020, 4, .	2.5	18
75	Association of sleep spindle activity and sleepiness in children with sleep-disordered breathing. Journal of Clinical Sleep Medicine, 2020, 16, 583-589.	2.9	6
76	Absence of long-range order in an XY pyrochlore antiferromagnet $\text{Er}_2\text{AlSbO}_7$. Physical Review Materials, 2020, 4, .	2.5	3
77	Magnetoelectric effect arising from a field-induced pseudo Jahn-Teller distortion in a rare-earth magnet. Physical Review Materials, 2020, 4, .	2.5	1
78	Anomalous thermal conductivity across the structural transition in $\text{SmBaMn}_2\text{O}_6$ single crystals. Applied Physics Letters, 2019, 114, .	3.2	5
79	Magnetic properties of the low-dimensional $\text{BaM}_7\text{O}_{17}$ system		

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91	Model two-dimensional spin- $\frac{5}{2}$ magnetic order in single crystals of BaO with a honeycomb arrangement of Na_3O . Physical Review Materials, 2019, 3, .	2.5	9
92	Modification of spin-ice physics in Ho_2O_7 thin films. Physical Review Materials, 2019, 3, .	2.5	53
93	Amplitude modes in three-dimensional spin dimers away from quantum critical point. Physical Review Research, 2019, 1, .	2.5	7
94	Determination of thermal expansion of KCaF_3 using in-situ high temperature powder X-ray diffraction. Materials Chemistry and Physics, 2018, 212, 161-166.	3.6	8
95	Field-Driven Quantum Criticality in the Spinel Magnet ZnCr_2O_4 . Physical Review Letters, 2018, 120, 147204.	4.1	4
96	Evidence for Dyakonov-Perel-like Spin Relaxation in Pt. Physical Review Letters, 2018, 120, 067204.	8.0	16
97	Evidence for negative thermal expansion in the superconducting precursor phase SmFeAsO . Journal of Physics Condensed Matter, 2018, 30, 095601.	8.0	34
98	Evidence for bipolaron condensation as a mechanism for the metal-insulator transition in rare-earth nickelates. Nature Communications, 2018, 9, 86.	1.9	3
99	Experimental evidence for bipolaron condensation as a mechanism for the metal-insulator transition in rare-earth nickelates. Nature Communications, 2018, 9, 86.	13.2	46
100	Momentum-resolved observations of the phonon instability driving geometric improper ferroelectricity in yttrium manganite. Nature Communications, 2018, 9, 15.	13.2	30
101	Rainfall From Resolved Rather Than Parameterized Processes Better Represents the Present-Day and Climate Change Response of Moderate Rates in the Community Atmosphere Model. Journal of Advances in Modeling Earth Systems, 2018, 10, 971-988.	3.7	40
102	Multiferroicity of CuCrO_2 tested by electron spin resonance. Physical Review B, 2018, 97, .	3.0	1
103	B-site cation order/disorder and their valence states in $\text{Ba}_3\text{MnNb}_2\text{O}_9$ perovskite oxide. Journal of Solid State Chemistry, 2018, 262, 8-15.	3.0	5
104	Search for a nematic phase in the quasi-two-dimensional antiferromagnet CuCrO_2 by NMR in an electric field. Physical Review B, 2018, 97, .	3.0	1
105	B-site Cation Ordering in $\text{BaMnNb}_2\text{O}_9$ by Atomic Resolution HAADF-STEM and Their Valence State by EELS. Microscopy and Microanalysis, 2018, 24, 146-147.	0.4	1
106	Superdislocations and point defects in pyrochlore $\text{Yb}_2\text{Ti}_2\text{O}_7$ single crystals and implication on magnetic ground states. Scientific Reports, 2018, 8, 17202.	3.4	15
107	Landau Quantization in Coupled Weyl Points: A Case Study of Semimetal NbP. Nano Letters, 2018, 18, 7726-7731.	9.5	22
108	Dipolar-octupolar Ising antiferromagnetism in Sm_2O_3 : A moment fragmentation candidate. Physical Review B, 2018, 98, .	3.1	2

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109	Lattice distortion effects on the frustrated spin-3 triangular antiferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$		

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127	Epitaxial Fe Thin Films on {100} Y2Ti2O7: Model Interfaces for Nano-Oxide Dispersion Strengthened Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 5658-5666.	2.2	3
128	Spectroscopic Evidence for Superexchange in the Ferrimagnetic Spinel FeCr ₂ S ₄ . Journal of Physical Chemistry C, 2017, 121, 22369-22376.	3.3	8
129	Evidence for the confinement of magnetic monopoles in quantum spin ice. Journal of Physics Condensed Matter, 2017, 29, 45LT01.	1.9	11
130	Robust pinning of magnetic moments in pyrochlore iridates. Physical Review B, 2017, 96, .	3.3	21
131	Magnetism out of antisite disorder in the compound BaMn_2O_8 . Physical Review B, 2017, 96, .	3.3	28
132	Ferroelectricity of structural origin in the spin-chain compounds $\text{Ca}_3\text{Co}_2\text{Mn}_x\text{O}_6$. Physical Review B, 2017, 96, .	3.3	7
133	Heisenberg antiferromagnet in the two-dimensional limit. Physical Review B, 2017, 95, .	3.3	46
134	Magnetic ground states and magnetodielectric effect in $\text{RCr}(\text{BO}_3)_2$ (R=Y and Ho). Physical Review B, 2017, 95, .	3.3	7
135	Crystal-field excitations in multiferroic TbMnO_3 by Mn L3 and O K resonant inelastic X-ray scattering. Journal of Applied Physics, 2017, 122, 194101.	2.3	0
136	Structural and magnetic short-range order in fluorite Yb_2O_3 . Physical Review B, 2017, 96, .	3.3	2
137	Scaling of Memories and Crossover in Glassy Magnets. Scientific Reports, 2017, 7, 12053.	3.4	10
138	Graphene-loaded porous ZnCo ₂ O ₄ nanosheets composite as counter electrode for dye-sensitized solar cells. Materials Letters, 2017, 207, 117-120.	2.7	13
139	Landau-level spectroscopy of massive Dirac fermions in single-crystalline ZrTe_5 thin flakes. Physical Review B, 2017, 96, .	3.3	3
140	Magnetic properties of the triangular lattice magnets $\text{A}_2\text{M}_2\text{O}_7$.		

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145	Experiences of alcohol consumption and taking antiretroviral medication among men living with HIV in Tshwane, South Africa. African Journal of AIDS Research, 2016, 15, 367-376.	0.9	23
146	Polar metals by geometric design. Nature, 2016, 533, 68-72.	36.2	273
147	Magnetism and multiferroicity of an isosceles triangular lattice antiferromagnet $\text{Sr}_3\text{NiNb}_2\text{O}_9$. Journal of Physics Condensed Matter, 2016, 28, 476004.	1.9	13
148	Ageing, memory, and nonhierarchical energy landscape of spin jam. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11806-11810.	7.6	31
149	Magnetic phases of the quasi-two-dimensional antiferromagnet CuCrO_2 on a triangular lattice. Physical Review B, 2016, 94, .	3.3	13
150	Structural transition and orbital glass physics in near-itinerant CoV_2O_4 . Physical Review B, 2016, 93, .	3.3	25
151	High-pressure synthesis and characterization of the effective pseudospin $S=1/2$ XY_2O_7 ($\text{R}=\text{Er}, \text{Yb}$). Physical Review B, 2016, 93, .	3.3	20
152	Incommensurate crystal supercell and polarization flop observed in the magnetoelectric ilmenite MnTiO_3 . Physical Review B, 2016, 93, .	3.3	10
153	Pressure dependence of the magnetic ground states in MnP . Physical Review B, 2016, 93, .	3.3	38
154	Fragile singlet ground-state magnetism in the pyrochlore osmates $\text{R}_2\text{Os}_2\text{O}_7$ ($\text{R}=\text{Er}, \text{Yb}$). Physical Review B, 2016, 93, .	3.3	10
155	Magnetic Ground States of the Rare-Earth Tripod Kagome Lattice Mg_2O_7 . Physical Review B, 2016, 93, .	8.0	67
156	Crystal structure and partial Ising-like magnetic ordering of orthorhombic MnTiO_3 . Physical Review B, 2016, 93, .	3.3	3
157	Triangular-Lattice Antiferromagnet $\text{Ba}_3\text{Co}_2\text{V}_2\text{O}_{15}$. Physical Review Letters, 2016, 116, 087201.	8.0	105
158	Pulsed field magnetization in rare-earth kagome systems. Journal of Physics Condensed Matter, 2016, 28, 046001.	1.9	2
159	Comparison to the conventional antiferromagnet CoAl_2O_4 : CoAl_2O_4 . Physical Review B, 2016, 94, .	3.3	21
160	Anomalous bulk modulus in vanadate spinels. Physical Review B, 2016, 94, .	3.3	9
161	Long-range magnetic order in the Heisenberg pyrochlore antiferromagnets G_2O_7 ($\text{G}=\text{Er}, \text{Yb}$). Physical Review B, 2016, 93, .	3.3	24
162	Probing disorder in isometric pyrochlore and related complex oxides. Nature Materials, 2016, 15, 507-511.	26.6	176

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163	Spin-orbital liquid and quantum critical point in $Y_{1-x}Yb_xO_{7-2x}$ Electronic transport in the ferromagnetic pyrochlore Yb_2O_7	3.3	12
164	Low-temperature thermal conductivity of Yb_2O_7 Structural and magnetic phase transitions in Yb_2O_7	3.3	3
165	Physical Review B, 2015, 92, .	3.3	24
166	Physical Review B, 2015, 92, .	3.3	17
167	Evolution of the magnetic and structural properties of Yb_2O_7	3.3	14
168	Physical Review B, 2015, 92, .	3.3	7
169	Physical Review B, 2015, 92, .		

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181	1644Risk Factors for Community-Associated Clostridium difficile Infection in Children. Open Forum Infectious Diseases, 2014, 1, S439-S439.	0.9	0
182	Incipient Ferromagnetism in O_7 . Physical Review Letters, 2014, 113, 267205.		
183	Application of Chemical Pressure to the Enigmatic Spin-Li. Physical Review Letters, 2014, 113, 267205.	3.3	8
184	Dynamical spin-orbital correlations versus random singlets in Ba_3CuSb_2 . Physical Review B, 2014, 90, 040407.	3.3	15
185	Magnetization and electron spin resonance. Physical Review B, 2014, 90, 040407.	3.3	14
186	Magnetic order and spin dynamics in La_2O_2 . Physical Review B, 2014, 90, 040407.	3.3	14
187	Tuning the ferroelectric state in multiferroic TbMnO3 single crystal by a trapped-charge-induced internal electric field. Journal of Applied Physics, 2014, 116, .	2.3	8
188	Magnetolectric coupling tuned by competing anisotropies in $MnNi_3TiO_{11}$. Physical Review B, 2014, 90, 040407.	3.3	6
189	Chemical pressure effects on magnetism in the quantum spin liquid candidates $YbMn_2O_7$ and $YbMn_2O_9$. Physical Review B, 2014, 90, 040407.	3.3	66
190	Excess-hole induced high temperature polarized state and its correlation with the multiferroicity in single crystalline DyMnO3. Applied Physics Letters, 2014, 105, 052906.	3.2	22
191	Series of phase transitions and multiferroicity in the quasi-two-dimensional spin antiferromagnet Ba_3CuSb_2 . Physical Review B, 2014, 90, 040407.	3.3	67
192	Chemical pressure effects on magnetism in the quantum spin liquid candidates $YbMn_2O_7$ and $YbMn_2O_9$. Physical Review B, 2014, 90, 040407.		

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199	<p>Control of magnetic order in the frustrated XY_2Z pyrochlore antiferromagnet</p> <p>Effects of intervanadium distance and Q on the magnetic order in XY_2Z pyrochlore antiferromagnet</p>	3.3	23
200	<p>Direct measurement of the spin gap in a quasi-one-dimensional clinopyroxene: $\text{NaTiSi}_2\text{O}_6$. Physical Review B, 2014, 90, .</p>	3.3	14
201	<p>Unconventional magnetism in ThCr_2Si_2-type phosphides, $\text{La}_x\text{Nd}_{1-x}\text{Co}_2\text{P}_2$. Journal of Materials Chemistry C, 2014, 2, 7561.</p>	5.6	13
203	<p>Control of magnetic exchange via a control of orbital hybridization in $\text{Cr}_2\text{O}_7^{2-}$</p>		

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217	Nonmagnetic impurity effects in the decorated shastry-sutherland compound $Cd(Cu_{1-x}Zn_x)_2(BO_3)_2$ ($0 \leq x \leq 0.2$). Journal of the Korean Physical Society, 2013, 63, 1028-1033.	0.7	3
218	Origin of the phase transition in $IrTe_2$: Structural modulation and local bonding instability. Physical Review B, 2013, 88, .	3.3	63
219	$Yb_2Sn_2O_7$: A magnetic Coulomb liquid at a quantum critical point. Physical Review B, 2013, 87, .	3.3	27
220	Study of atomic structure and electronic structure of an $AA_2B_4O_{12}$ double-perovskite $CaCu_3Ir_4O_{12}$ using STEM imaging and EELS techniques. Ultramicroscopy, 2013, 127, 94-99.	1.9	11
221	High-Pressure Synthesis, Structure, and Photoluminescence of a New $KSbO_3$ -Type Bismuth Germanate $Bi_3Ge_3O_{10.5}$. Inorganic Chemistry, 2013, 52, 2138-2141.	4.2	7
222	Low-temperature spin excitations in frustrated $ZnCr_2O_4$ probed by high-field thermal conductivity. Physical Review B, 2013, 87, .	3.3	11
223	$ZnCr_2O_4$ probed by high-field thermal conductivity. Physical Review B, 2013, 87, .	3.3	34
224	Phase diagram and magnetic structures of the Co-bearing dugganites $Pb_3TeCo_3A_2O_{14}$ ($A = V, P$). Journal of Physics Condensed Matter, 2013, 25, 246004.	1.9	6
225	Observation of magnetic polarons in the magnetoresistive pyrochlore $Lu_2V_2O_7$. Journal of Physics Condensed Matter, 2013, 25, 115601.	1.9	3
226	Modification of magnetic anisotropy through in $La_{0.75}Pr_{0.25}MnO_3$. Physical Review B, 2013, 88, .	3.3	17
227	Microwave-induced excitations in the kagome system $Pr_3Ga_5SiO_{14}$. Physical Review B, 2013, 88, .	3.3	6
228	Possible Kondo Physics near a Metal-Insulator Crossover in the $CaCu_3Ir_4O_{12}$ -Site Ordered Perovskite. Physical Review Letters, 2013, 111, 087201.	8.0	34
229	Magnetic phase transition in the low-dimensional compound $BaMn_2Si_2O_{10}$. Physical Review B, 2013, 88, .	3.3	20
230	Magnetic transitions and magnetodielectric effect in antiferromagnet $SrNdFeO_4$. Physical Review B, 2012, 85, .	3.3	15
231	Orbital, charge, and spin couplings in Ru_2O_7 . Physical Review B, 2012, 85, .	3.3	5
232	Triple-Layer $La_4Mn_5O_{13}$. Physical Review Letters, 2012, 108, 236403.	3.3	19
233	Triple-Layer $La_4Mn_5O_{13}$. Physical Review Letters, 2012, 108, 236403.	8.0	36
234	Chemical Pressure Effects on Pyrochlore Spin Ice. Physical Review Letters, 2012, 108, 207206.	8.0	68

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235	Genetic ground state with field-induced partial order in Nd ₃ Ga ₅ SiO ₁₂ . Physical Review Letters, 2012, 109, 267206.	3.3	23
236	High superconducting anisotropy and weak vortex pinning in Co-doped LaFeAsO. Physical Review B, 2012, 86, .	3.3	11
237	Successive Magnetic Phase Transitions and Multiferroicity in the Spin-One Triangular-Lattice Antiferromagnet Ba ₃ VO ₉ . Physical Review Letters, 2012, 109, 267206.	8.0	132
238	Successive Phase Transitions and Extended Spin-Excitation Continuum in the Triangular-Lattice Antiferromagnet CoSb ₂ O ₇ . Physical Review Letters, 2012, 109, 267206.	8.0	132
239	Coexistence of coupled magnetic phases in epitaxial TbMnO ₃ films revealed by ultrafast optical spectroscopy. Applied Physics Letters, 2012, 101, .	3.3	35
240	Coexistence of coupled magnetic phases in epitaxial TbMnO ₃ films revealed by ultrafast optical spectroscopy. Applied Physics Letters, 2012, 101, .	3.2	25
241	Spin dynamics of the S= 5/2 2D triangular antiferromagnet Ba ₃ NbFe ₃ Si ₂ O ₁₄ . Journal of Physics Condensed Matter, 2012, 24, 246001.	1.9	8
242	Magnetic order and ice rules in the multiferroic spinel FeV ₂ O ₄ . Physical Review B, 2012, 86, .	3.3	72
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