Haidong Zhou

List of Publications by Year
in descending order

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323	8,942	43973 48	66788 78
papers	citations	h-index	g-index

333	333	333	9094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiferromagnetic Kitaev interaction inJ _{eff} = 1/2 cobalt honeycomb materials Na₃Co₂SbO₆ and Na₂Co₂TeO₆. Journal of Physics Condensed Matter, 2022, 34, 045802.	0.7	50
2	High-field magnetic structure of the triangular antiferromagnet RbFe(MoO4)2. Physical Review B, 2022, 105, .	1.1	2
3	Extremely low-energy collective modes in a quasi-one-dimensional topological system. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	2
4	Non-magnetic ion site disorder effects on the quantum magnetism of a spin-1/2 equilateral triangular lattice antiferromagnet. Journal of Physics Condensed Matter, 2022, 34, 205401.	0.7	1
5	Magnetic field tuning of crystal field levels and vibronic states in the spin ice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ho</mml:mi></mml:mrow><mml:mn>2</… mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>7</mml:mn></mml:msub></mml:math> observed with far infrared reflectometry. Physical Review B, 2022, 105, .	1.1	2
6	Magnetic order and spin liquid behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mo>[</mml:mo><mml:msub><mml:mrow><mm… molecular magnets. Physical Review Materials, 2022, 6, .	0.9	4
7	Temperature-induced valence-state transition in double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>2</… Physical Review Materials, 2022, 6, .	0.9	0
8	Anticollinear order and degeneracy lifting in square lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaSrCrO</mml:mi><mml:mn>4</mml:mn></mml:msub><… Physical Review B, 2022, 105, .	1.1	1
9	Successive Phase Transitions and Multiferroicity in Deformed Triangular-Lattice Antiferromagnets Ca₃MNb₂O₉ (M=Co, Ni) with Spatial Anisotropy. ECS Journal of Solid State Science and Technology, 2022, 11, 063004.	0.9	4
10	Controllable Emergent Spatial Spin Modulation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mm… by <i>In Situ</i> Shear Strain. Physical Review Letters, 2022, 129, .	2.9	4
11	Investigation of the monopole magneto-chemical potential in spin ices using capacitive torque magnetometry. Nature Communications, 2022, 13, .	5.8	2
12	Orbital competition of Mn³⁺ and V³⁺ ions in Mn_{1+x}V_{2-x}O₄. Journal of Physics Condensed Matter, 2021, 33, 134002.	0.7	1
13	Hybridized quadrupolar excitations in the spin-anisotropic frustrated magnet FeI2. Nature Physics, 2021, 17, 467-472.	6.5	30
14	Neutron scattering investigation of proposed Kosterlitz-Thouless transitions in the triangular-lattice Ising antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TmMgGaO</mml:mi><mml:mn>4</mml:mn></mml:msub… Physical Review B, 2021, 103, .	1.1	16
15	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. Nature Astronomy, 2021, 5, 465-471.	4.2	62
16	Effective point-charge analysis of crystal fields: Application to rare-earth pyrochlores and tripod kagome magnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub><mml:mi>Mg</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:mi>Sb</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:msub><mml:mro…	1.3	5
17	Probing magnetic symmetry in antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>4</mml:mn></mm… mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math> single crystals by linear magnetoelectric tensor. Physical Review B, 2021, 103, .	1.1	7
18	Dual Orbital Degeneracy Lifting in a Strongly Correlated Electron System. Physical Review Letters, 2021, 126, 186402.	2.9	11

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19	Dynamical ground state in the XY pyrochlore Yb2GaSbO7. Npj Quantum Materials, 2021, 6, .	1.8	4
20	Multiple quantum phase transitions of different nature in the topological kagome magnet Co3Sn2â^'xInxS2. Npj Quantum Materials, 2021, 6, .	1.8	16
21	Magnetic ordering in the Ising antiferromagnetic pyrochlore Nd₂ScNbO₇. Journal of Physics Condensed Matter, 2021, 33, 245802.	0.7	9
22	Closing the spin gap of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mm mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></ through chemical substitution. Physical Review Materials, 2021, 5, .	0.9	1
23	Evolution of magnetic field induced ordering in the layered quantum Heisenberg triangular-lattice antiferromagnet Ba3CoSb2O9. Physical Review B, 2021, 103, .	1.1	11
24	Experimental evidence for a valence-bond glass in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:mm double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2021, 103, .	1.1	4
25	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mm Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	2.9	73
26	Freezing of a Disorder Induced Spin Liquid with Strong Quantum Fluctuations. Physical Review Letters, 2021, 127, 017201.	2.9	4
27	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	1.4	18
28	Spin Reorientation in Antiferromagnetic Layered FePt₅P. ACS Applied Electronic Materials, 2021, 3, 3501-3508.	2.0	8
29	Survival of itinerant excitations and quantum spin state transitions in YbMgGaO4 with chemical disorder. Nature Communications, 2021, 12, 4949.	5.8	20
30	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	1.2	0
31	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.4	1
32	Field-induced quantum spin disordered state in spin-1/2 honeycomb magnet Na2Co2TeO6. Nature Communications, 2021, 12, 5559.	5.8	57
33	Quantum spin state transitions in the spin-1 equilateral triangular lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2021, 104, .	1.1	7
34	Domain Wall Patterning and Giant Response Functions in Ferrimagnetic Spinels. Advanced Science, 2021, 8, 2101402.	5.6	1
35	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.4	1
36	rmc-discord: reverse Monte Carlo refinement of diffuse scattering and correlated disorder from single crystals. Journal of Applied Crystallography, 2021, 54, 1867-1885.	1.9	6

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37	Static and dynamic magnetic properties of honeycomb lattice antiferromagnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Na</mml:mi></mml:mrow><m , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>M</mml:mi><mml:mo>=</mml:mo><mml:mi>Co</mml:mi></mml:mat and Ni. Physical Review B, 2021, 104, .	1.1	33
38	Magneto-transport evidence for strong topological insulator phase in ZrTe5. Nature Communications, 2021, 12, 6758.	5.8	12
39	Effects of Dietary Fiber on Growth Performance, Fat Deposition, Fat Metabolism, and Expression of Lipoprotein Lipase Mrna in Two Breeds of Geese. Brazilian Journal of Poultry Science, 2021, 23, .	0.3	0
40	The Transport Properties of Quasiâ€"One-Dimensional Ba3Co2O6(CO3)0.7. Frontiers in Physics, 2021, 9, .	1.0	0
41	Suppressed-moment 2-k order in the canonical frustrated antiferromagnet Gd2Ti2O7. Npj Quantum Materials, 2021, 6, .	1.8	10
42	Extremely slow nonequilibrium monopole dynamics in classical spin ice. Physical Review B, 2020, 101, .	1.1	3
43	Magnetic field induced phase transition in spinel GeNi2O4. Physical Review B, 2020, 102, .	1.1	2
44	Comprehensive Electrical Control of Metamagnetic Transition of a Quasiâ€2D Antiferromagnet by In Situ Anisotropic Strain. Advanced Materials, 2020, 32, e2002451.	11.1	10
45	Unraveling the Topological Phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></m via Magnetoinfrared Spectroscopy. Physical Review Letters, 2020, 125, 046403.	2.9	26
46	Near Degeneracy of Magnetic Phases in Two-Dimensional Chromium Telluride with Enhanced Perpendicular Magnetic Anisotropy. ACS Nano, 2020, 14, 15256-15266.	7.3	35
47	Clathrate BaNi₂P₄: An Interplay of Heat and Charge Transport Due to Strong Hostâ€"Guest Interactions. Chemistry of Materials, 2020, 32, 7932-7940.	3.2	9
48	Possible itinerant excitations and quantum spin state transitions in the effective spin-1/2 triangular-lattice antiferromagnet Na2BaCo(PO4)2. Nature Communications, 2020, 11, 4216.	5.8	43
49	Noncollinear magnetic structure and magnetoelectric coupling in buckled honeycomb <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Co</mml:mi><mml:mn>4</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math> : A single-crystal neutron diffraction study. Physical Review B, 2020, 102, .	1.1	18
50	Quantum Versus Classical Spin Fragmentation in Dipolar Kagome Ice Ho3Mg2Sb3O14. Physical Review X, 2020, 10, .	2.8	16
51	Self-organization of various â€œphase-separatedâ€•nanostructures in a single chemical vapor deposition. Nano Research, 2020, 13, 1723-1732.	5.8	3
52	Current-induced CrI₃surface spin-flop transition probed by proximity magnetoresistance in Pt. 2D Materials, 2020, 7, 045006.	2.0	5
53	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. Polyhedron, 2020, 184, 114488.	1.0	9
54	High pressure synthesis and characterization of the pyrochlore Dy2Pt2O7: A new spin ice material. Chinese Physics B, 2020, 29, 047502.	0.7	3

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55	Machine-learning-assisted insight into spin ice Dy2Ti2O7. Nature Communications, 2020, 11, 892.	5.8	58
56	Charge density wave modulation in superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BaPb</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow><mml:mo>/</mml:mo><mml:mrow><mml:mi>Ba [illegible] mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> superlattices. Physical Review B, 2020, 101, .	1.1	4
57	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	5.8	112
58	Magnetically driven phonon instability enables the metalâ€“insulator transition in h-FeS. Nature Physics, 2020, 16, 669-675.	6.5	26
59	Complex antiferromagnetic order in the garnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">l</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">S	1.1	3
60	Superconductivity in Metal-Rich Chalcogenide Ta₂Se. Inorganic Chemistry, 2020, 59, 5798-5802.	1.9	8
61	Anomalous magnetoresistance in centrosymmetric skyrmion-lattice magnet Gd₂PdSi₃. New Journal of Physics, 2020, 22, 083056.	1.2	11
62	Realization of the orbital-selective Mott state at the molecular level in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml: [illegible] mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	0.9	9
63	[illegible] and magnetoelectric coupling in the buckled honeycomb <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Nb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	0.9	8
64	Synthesis, characterization, and single-crystal growth of a high-entropy rare-earth pyrochlore oxide. Physical Review Materials, 2020, 4, .	0.9	18
65	Structural, electronic, and magnetic properties of nearly ideal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mrow><mml:mi>e</mm [illegible] iridium halides. Physical Review Materials, 2020, 4, .	0.9	16
66	Absence of long-range order in an XY pyrochlore antiferromagnet Er2AlSbO7. Physical Review Materials, 2020, 4, .	0.9	3
67	Magnetoelectric effect arising from a field-induced pseudo Jahn-Teller distortion in a rare-earth magnet. Physical Review Materials, 2020, 4, .	0.9	1
68	Anomalous thermal conductivity across the structural transition in SmBaMn2O6 single crystals. Applied Physics Letters, 2019, 114, .	1.5	5
69	Magnetic properties of the low-dimensional BaM2Si2O7 system (M=Cu,ÂCo,ÂMn). Physical Review B, 2019, 100, .	1.1	2
70	Asymmetric ferromagnetic criticality in pyrochlore ferromagnet Lu2V2O7. Science Bulletin, 2019, 64, 1222-1227.	4.3	5
71	Pressure-tunable large anomalous Hall effect of the ferromagnetic kagome-lattice Weyl semimetal Co3Sn2S2. Physical Review B, 2019, 100, .	1.1	25
72	Large Positive Zero-Field Splitting in the Cluster Magnet Ba₃CeRu₂O₉. Journal of the American Chemical Society, 2019, 141, 9928-9936.	6.6	12

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73	Structural, magnetic and dielectric properties of BaFe2Se3 crystals. Europhysics Letters, 2019, 126, 27005.	0.7	6
74	High-Pressure Routes to New Pyrochlores and Novel Magnetism. Inorganics, 2019, 7, 49.	1.2	5
75	Negative Thermal Expansion of Ni-Doped MnCoGe at Room-Temperature Magnetic Tuning. ACS Applied Materials & Interfaces, 2019, 11, 17531-17538.	4.0	14
76	Magnetoelastic coupling and the magnetization plateau in Ba3CoSb2O9. Physical Review B, 2019, 99, .	1.1	7
77	Coexistence of metallic and nonmetallic properties in the pyrochlore Lu2Rh2O7. Npj Quantum Materials, 2019, 4, .	1.8	15
78	Frustration-free spatially anisotropic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn> square-lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ni</mml:mi><mml:mo>[</mml:mo> Physical Review B, 2019, 99, .	1.1	4
79	Revisiting the Kitaev material candidacy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Ir</mml:mi></mml:mrow><mml:mrow><mml:mn> double perovskite iridates. Physical Review B, 2019, 99, .	1.1	20
80	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>8</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>24</mml:mn></mml:msub></mml:mrow></mml:math> : A model two-dimensional spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>5</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>3</mml:mn>	0.9	9
81	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>3</mml:mn></mml: with a honeycomb arrangement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mrow><mml:mn>3</mml:mn><mml:mi mathvariant="normal">d</mml:mi></mml:mrow><mml:mn>7</mml:mn></. Physical Review Materials.	0.9	49
82	Modification of spin-ice physics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ho</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math> thin films. Physical Review Materials, 2019, 3, .	0.9	7
83	Amplitude modes in three-dimensional spin dimers away from quantum critical point. Physical Review Research, 2019, 1, .	1.3	7
84	Determination of thermal expansion of KCaI3 using in-situ high temperature powder X-ray diffraction. Materials Chemistry and Physics, 2018, 212, 161-166.	2.0	4
85	Field-Driven Quantum Criticality in the Spinel Magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>ZnCr</mml:mi></mml:mrow><mml:mrow><mml:mn>2 Physical Review Letters, 2018, 120, 147204.	2.9	14
86	Evidence for Dyakonov-Perel-like Spin Relaxation in Pt. Physical Review Letters, 2018, 120, 067204.	2.9	31
87	Evidence for negative thermal expansion in the superconducting precursor phase SmFeAsO. Journal of Physics Condensed Matter, 2018, 30, 095601.	0.7	3
88	Experimental evidence for bipolaron condensation as a mechanism for the metal-insulator transition in rare-earth nickelates. Nature Communications, 2018, 9, 86.	5.8	40
89	Momentum-resolved observations of the phonon instability driving geometric improper ferroelectricity in yttrium manganite. Nature Communications, 2018, 9, 15.	5.8	30
90	Multiferroicity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></ tested by electron spin resonance. Physical Review B, 2018, 97, .	1.1	1

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91	B-site cation order/disorder and their valence states in Ba3MnNb2O9 perovskite oxide. Journal of Solid State Chemistry, 2018, 262, 8-15.	1.4	5
92	Search for a nematic phase in the quasi-two-dimensional antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></m by NMR in an electric field. Physical Review B, 2018, 97, .	1.1	5
93	B-site Cation Ordering in BaaMnNbiO by Atomic Resolution HAADF-STEM and Their Valence State by EELS. Microscopy and Microanalysis, 2018, 24, 146-147.	0.2	1
94	Superdislocations and point defects in pyrochlore Yb2Ti2O7 single crystals and implication on magnetic ground states. Scientific Reports, 2018, 8, 17202.	1.6	15
95	Landau Quantization in Coupled Weyl Points: A Case Study of Semimetal NbP. Nano Letters, 2018, 18, 7726-7731.	4.5	20
96	Dipolar-octupolar Ising antiferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Sm</mml:mtext><mml:mn>2</mml:mn> : A moment fragmentation candidate. Physical Review B, 2018, 98, .	1.1	19
97	Lattice distortion effects on the frustrated spin-1 triangular-antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>A</mml:mi><mml:mn>3</mml:mn></mm mathvariant="normal">b</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi		

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109	Itinerant Antiferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>RuO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2017, 118, 077201.	2.9	89
110	Lattice dynamics and thermal transport in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	1.1	19
111	Three-dimensional magnetic interactions in quasi-two-dimensional PdAs₂O₆. Journal of Physics Condensed Matter, 2017, 29, 235801.	0.7	1
112	A novel method combining additive manufacturing and alloy infiltration for NdFeB bonded magnet fabrication. Journal of Magnetism and Magnetic Materials, 2017, 438, 163-167.	1.0	65
113	Continuous excitations of the triangular-lattice quantum spin liquid YbMgGaO4. Nature Physics, 2017, 13, 117-122.	6.5	276
114	Structural and magnetic properties of two branches of the tripod-kagome-lattice family<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>A</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m		

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127	Scaling of Memories and Crossover in Glassy Magnets. Scientific Reports, 2017, 7, 12053.	1.6	10
128	Graphene-loaded porous ZnCo2O4 nanosheets composite as counter electrode for dye-sensitized solar cells. Materials Letters, 2017, 207, 117-120.	1.3	13
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