

# Christopher R Wiebe

## List of Publications by Citations

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124  
papers

2,816  
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29  
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47  
g-index

136  
ext. papers

3,142  
ext. citations

4.2  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
124	Gapped itinerant spin excitations account for missing entropy in the hidden-order state of URu <sub>2</sub> Si <sub>2</sub> . <i>Nature Physics</i> , <b>2007</b> , 3, 96-99	16.2	148
123	Superconducting state coexisting with a phase-separated static magnetic order in (Ba,K)Fe <sub>2</sub> As <sub>2</sub> , (Sr,Na)Fe <sub>2</sub> As <sub>2</sub> , and CaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	115
122	Spin liquid state in the S = 1/2 triangular lattice Ba <sub>3</sub> CuSb <sub>2</sub> O <sub>9</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 106, 147204	7.4	102
121	Successive phase transitions and extended spin-excitation continuum in the S=1/2 triangular-lattice antiferromagnet Ba <sub>3</sub> CoSb <sub>2</sub> O <sub>9</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 267206	7.4	90
120	Magnetic properties of the geometrically frustrated S=12 antiferromagnets, La <sub>2</sub> LiMoO <sub>6</sub> and Ba <sub>2</sub> YMoO <sub>6</sub> , with the B-site ordered double perovskite structure: Evidence for a collective spin-singlet ground state. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	90
119	Spin-glass behavior in the S=1/2 fcc ordered perovskite Sr <sub>2</sub> CaReO <sub>6</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	86
118	Frustration-driven spin freezing in the S=12 fcc perovskite Sr <sub>2</sub> MgReO <sub>6</sub> . <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	82
117	Dynamic spin ice: Pr <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2008</b> , 101, 227204	7.4	76
116	Magnetic properties of the S=32 geometrically frustrated double perovskites La <sub>2</sub> LiRuO <sub>6</sub> and Ba <sub>2</sub> YRuO <sub>6</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	74
115	High pressure route to generate magnetic monopole dimers in spin ice. <i>Nature Communications</i> , <b>2011</b> , 2, 478	17.4	59
114	Ba <sub>3</sub> NbFe <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> : A New Multiferroic with a 2D Triangular Fe <sup>3+</sup> Motif. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 156-159	9.6	58
113	Structure and magnetic properties of the S=1 geometrically frustrated double perovskites La <sub>2</sub> LiReO <sub>6</sub> and Ba <sub>2</sub> YReO <sub>6</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	57
112	Chemical pressure effects on pyrochlore spin ice. <i>Physical Review Letters</i> , <b>2012</b> , 108, 207206	7.4	57
111	Spin ordering and orbital ordering transitions in MnV <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	51
110	Liquidlike correlations in single-crystalline Y <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> : An unconventional spin glass. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	49
109	Chemical pressure effects on magnetism in the quantum spin liquid candidates Yb <sub>2</sub> X <sub>2</sub> O <sub>7</sub> (X=Sn, Ti, Ge). <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	48
108	Magnetic frustration in lead pyrochlores. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	47

107	Muon spin relaxation studies of magnetic-field-induced effects in high-Tc superconductors. <i>Physical Review Letters</i> , <b>2005</b> , 95, 157001	7.4	45
106	New magnetic phase diagram of (Sr,Ca) <sub>2</sub> RuO <sub>4</sub> . <i>Nature Materials</i> , <b>2012</b> , 11, 323-8	27	44
105	Neutron-scattering studies of the geometrically frustrated spinel LiMn <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	42
104	Charge and magnetic ordering in the electron-doped magnetoresistive materials CaMnO <sub>3</sub> □ (□=0.06,0.11). <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	41
103	Tuning Ferro- and Metamagnetic Transitions in Rare-Earth Cobalt Phosphides La <sub>1-x</sub> Pr <sub>x</sub> Co <sub>2</sub> P <sub>2</sub> . <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1704-1713	9.6	40
102	Antiferromagnetic order in the pyrochlores R <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> (R=Er,Yb). <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	38
101	Orbital-ordering transition in Sr <sub>2</sub> VO <sub>4</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 136403	7.4	38
100	Relief of frustration through spin disorder in multiferroic Ho <sub>1-x</sub> Y <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	36
99	Magnetic ordering in the spin-ice candidate Ho <sub>2</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2004</b> , 93, 076403	7.4	34
98	Superconductivity and field-induced magnetism in Pr <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> single crystals. <i>Physical Review Letters</i> , <b>2003</b> , 91, 147002	7.4	32
97	Muon spin relaxation study of superconducting Bi <sub>2</sub> Sr <sub>2-x</sub> La <sub>x</sub> CuO <sub>6+δ</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	30
96	Statics and dynamics of the highly correlated spin ice Ho <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	29
95	Frustration under pressure: Exotic magnetism in new pyrochlore oxides. <i>APL Materials</i> , <b>2015</b> , 3, 041519	5.7	28
94	Polarized inelastic neutron scattering of the partially ordered Tb <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	28
93	Universal dynamic magnetism in Yb pyrochlores with disparate ground states. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	27
92	XY antiferromagnetic ground state in the effective S=12 pyrochlore Yb <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	27
91	Metal to Semimetal Transition in CaMgSi Crystals Grown from Mg-Al Flux. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1846-1853	9.6	27
90	Partial field-induced magnetic order in the spin-liquid kagomé Nd <sub>3</sub> Ga <sub>5</sub> SiO <sub>14</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 236401	7.4	27

89	Frustrated magnetism in the double perovskite $\text{La}_2\text{LiOsO}_6$ : A comparison with $\text{La}_2\text{LiRuO}_6$ . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	26
88	$\text{Yb}_2\text{Sn}_2\text{O}_7$ : A magnetic Coulomb liquid at a quantum critical point. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	26
87	Muon spin relaxation studies of the frustrated quasi-two-dimensional square-lattice spin system $\text{Cu}(\text{Cl},\text{Br})\text{La}(\text{Nb},\text{Ta})_2\text{O}_7$ : Evolution from spin-gap to antiferromagnetic state. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	24
86	Unconventional spin glass behavior in the cubic pyrochlore $\text{Mn}_2\text{Sb}_2\text{O}_7$ . <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 325201	1.8	23
85	Search for hidden orbital currents and observation of an activated ring of magnetic scattering in the heavy fermion superconductor $\text{URu}_2\text{Si}_2$ . <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	23
84	Ac susceptibility and $^51\text{V}$ NMR study of $\text{MnV}_2\text{O}_4$ . <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 135218	1.8	22
83	Magnetic-polaron-driven magnetoresistance in the pyrochlore $\text{Lu}_2\text{V}_2\text{O}_7$ . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	22
82	Magnetic ground states in the three $\text{Os}^{6+}$ ( $5d^2$ ) double perovskites $\text{Ba}_2\text{MOsO}_6$ ( $M=\text{Mg},\text{Zn},\text{and Cd}$ ) from Nél order to its suppression. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	21
81	Two inequivalent sublattices and orbital ordering in $\text{MnV}_2\text{O}_4$ studied by $^51\text{V}$ NMR. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	21
80	Itinerant spin excitations near the hidden order transition in $\text{URu}_2\text{Si}_2$ . <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 192202	1.8	21
79	Absence of long-range magnetic ordering in the pyrochlore compound $\text{Er}_2\text{Sn}_2\text{O}_7$ . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 382201	1.8	21
78	Incipient ferromagnetism in $\text{Tb}_2\text{Ge}_2\text{O}_7$ : application of chemical pressure to the enigmatic spin-liquid compound $\text{Tb}_2\text{Ti}_2\text{O}_7$ . <i>Physical Review Letters</i> , <b>2014</b> , 113, 267205	7.4	19
77	Chemical pressure induced spin freezing phase transition in kagome pr langasites. <i>Physical Review Letters</i> , <b>2009</b> , 102, 067203	7.4	19
76	Spin glass transitions in the absence of chemical disorder for the pyrochlores $\text{A}_2\text{Sb}_2\text{O}_7$ ( $A=\text{Mn}, \text{Co}, \text{Ni}$ ). <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 890-894	3.3	19
75	Synthesis, Structure, and Magnetic Behavior of $\text{La}_5\text{Re}_3\text{MnO}_{16}$ : A New Perovskite-like Material. <i>Journal of Solid State Chemistry</i> , <b>2000</b> , 151, 31-39	3.3	19
74	The Effect of Interlayer Cations on the Magnetic Properties of the Mixed-Metal Pnictide Oxides: $\text{A}_2\text{MnZn}_2\text{As}_2\text{O}_2$ ( $A = \text{Sr}, \text{Ba}$ ). <i>Chemistry of Materials</i> , <b>2001</b> , 13, 973-980	9.6	19
73	Long-range antiferromagnetic order in the frustrated XY pyrochlore antiferromagnet $\text{Er}_2\text{Ge}_2\text{O}_7$ . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	17
72	Muon spin relaxation and susceptibility measurements of an itinerant-electron system $\text{Sr}_{1-x}\text{Ca}_x\text{RuO}_3$ : Quantum evolution from ferromagnet to paramagnet. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	17

71	Possible Bose-Einstein condensate of magnons in single-crystalline Pb <sub>2</sub> V <sub>3</sub> O <sub>9</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	17
70	Orbital fluctuations in the S=1/2 Mott insulator SrVO <sub>4</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	17
69	Specific heat of geometrically frustrated and multiferroic RMn <sub>1-x</sub> GaxO <sub>3</sub> (R=Ho,Y). <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	17
68	2D Kagomé ordering in the 3D frustrated spinel Li <sub>2</sub> Mn <sub>2</sub> O <sub>4</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, 6469-6482	1.8	17
67	Low-temperature spin dynamics in the kagome system Pr <sub>3</sub> Ga <sub>5</sub> SiO <sub>14</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	16
66	Anisotropic superconductivity in bulk CaC <sub>6</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	16
65	Spin fluctuations in the antiferromagnetic metal Nb <sub>12</sub> O <sub>29</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	15
64	Short range ordering in the modified honeycomb lattice compound SrHo <sub>2</sub> O <sub>4</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 164203	1.8	15
63	Field dependence of the muon spin relaxation rate in MnSi. <i>Physical Review Letters</i> , <b>2003</b> , 90, 157201	7.4	15
62	Phase Competition in the Palmer-Chalker XY Pyrochlore Er <sub>2</sub> Pt <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 187201	7.4	14
61	Relief of frustration in the Heisenberg pyrochlore antiferromagnet Gd <sub>2</sub> Pt <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	14
60	The origin of persistent spin dynamics and residual entropy in the stuffed spin ice Ho <sub>2.3</sub> Ti <sub>1.7</sub> O <sub>7</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 342201	1.8	14
59	Noncentrosymmetric rare-earth copper gallium chalcogenides RE <sub>3</sub> CuGaCh <sub>7</sub> (RE=La, Nd; Ch=S, Se): An unexpected combination. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 229, 150-159	3.3	13
58	Static magnetic order in Tb <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> revealed by muon spin relaxation with exterior muon implantation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 237201	7.4	13
57	Probing multiferroicity and spin-spin interactions via dielectric measurements on Y-doped HoMnO <sub>3</sub> in high magnetic fields. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	13
56	Synthesis, structure and magnetic properties of the pillared perovskites La <sub>5</sub> Re <sub>3</sub> MO <sub>16</sub> (M=Mg, Fe, Co, Ni). <i>Journal of Solid State Chemistry</i> , <b>2003</b> , 170, 165-175	3.3	13
55	Structure and Magnetic Properties of KRuO. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12897-12903	5.1	13
54	Inter- and intratrimer excitations in the multiferroic Ba <sub>3</sub> NbFe <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	12

53	First-order transition to a noncollinear antiferromagnetic structure in U <sub>2</sub> Rh <sub>3</sub> Si <sub>5</sub> . <i>Physical Review B</i> , <b>1997</b> , 56, 13693-13696	3.3	12
52	Dynamic spin correlations in stuffed spin ice Ho <sub>2+x</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	12
51	Dipolar-octupolar Ising antiferromagnetism in Sm <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> : A moment fragmentation candidate. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	12
50	Pb <sub>3</sub> TeCo <sub>3</sub> V <sub>2</sub> O <sub>14</sub> : A Potential Multiferroic Co Bearing Member of the Dugganite Series. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 664-670	9.6	11
49	Study of the ground state properties of LiHo(x)Y(1-x)F <sub>4</sub> using muon spin relaxation. <i>Physical Review Letters</i> , <b>2010</b> , 105, 107203	7.4	11
48	Absence of spin liquid behavior in Nd <sub>3</sub> Ga <sub>5</sub> SiO <sub>14</sub> using magneto-optical spectroscopy. <i>Physical Review Letters</i> , <b>2009</b> , 103, 267402	7.4	11
47	Intrinsic spin-disordered ground state of the Ising garnet Ho <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	11
46	Muon spin rotation measurements of heterogeneous field response in overdoped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	10
45	Positron annihilation investigation of porous silicon heat treated to 1000 °C. <i>Journal of Applied Physics</i> , <b>1998</b> , 84, 6559-6564	2.5	10
44	Incommensurate crystal supercell and polarization flop observed in the magnetoelectric ilmenite MnTiO <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	9
43	Muon spin rotation study of. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 374-375, 263-266	2.8	9
42	Spin dynamics of the S = 5/2 2D triangular antiferromagnet Ba <sub>3</sub> NbFe <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 246001	1.8	8
41	Impurity-induced singlet breaking in SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	8
40	study of the "anti-glass". <i>Physica B: Condensed Matter</i> , <b>2006</b> , 374-375, 13-16	2.8	8
39	Spin and lattice excitations in the heavy-fermion superconductor UNi <sub>2</sub> Al <sub>3</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	8
38	The effect of Er doping on the multiferroics of Ho <sub>1-x</sub> Er <sub>x</sub> MnO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 035211	1.8	7
37	Evidence for the confinement of magnetic monopoles in quantum spin ice. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 45LT01	1.8	6
36	Coexistence of metallic and nonmetallic properties in the pyrochlore Lu <sub>2</sub> Rh <sub>2</sub> O <sub>7</sub> . <i>Npj Quantum Materials</i> , <b>2019</b> , 4,	5	6

35	Phase diagram and magnetic structures of the Co-bearing dugganites $Pb_3TeCo_3A_2O_{14}$ ( $A = V, P$ ). <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 246004	1.8	6
34	Electron magnetic resonance studies of the $Pr_3Ga_5SiO_{14}$ and $Nd_3Ga_5SiO_{14}$ kagome systems. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 07E137	2.5	6
33	Inhomogeneous magnetic cluster states in the magnetoresistance material $Lu_2V_2O_7$ . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	6
32	Structure and magnetic properties of new Be-substituted langasites $A_3Ga_3Ge_2BeO_{14}$ ( $A = Pr, Nd, \text{ and } Sm$ ). <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 233, 14-22	3.3	5
31	Nuclear and magnetic supercells in the multiferroic candidate: $Pb_3TeMn_3P_2O_{14}$ . <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 221, 216-223	3.3	5
30	Order/Disorder and in Situ Oxide Defect Control in the Bixbyite Phase $YPrO_3+xO$ . <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2381-9	5.1	5
29	Magnetic field induced quantum phase transition of the $S=12$ antiferromagnet $K_2NaCrO_8$ . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	5
28	Rhodium(ii) dimers without metal-metal bonds. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13460-3	4.3	4
27	Complex long-range magnetic ordering in the Mn-bearing dugganite $Pb_3TeMn_3P_2O_{14}$ . <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 204, 102-107	3.3	4
26	Spin-cluster excitations in the rare-earth kagome system $Nd_3Ga_5SiO_{14}$ . <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	4
25	Metamagnetic transition in single-crystal $Bi_4Cu_3V_2O_{14}$ . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	4
24	Muon spin rotation study of field-induced magnetism in heavily overdoped. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 374-375, 211-214	2.8	4
23	Magnetic ordering in the Ising antiferromagnetic pyrochlore $NdScNbO$ . <i>Journal of Physics Condensed Matter</i> , <b>2021</b> , 33,	1.8	4
22	Comparing Magnetism in Isostructural Oxides $A_{0.8}La_{1.2}MnO_{4.1}$ : Anisotropic Spin Glass ( $A = Ba$ ) versus Long-Range Order ( $A = Sr$ ). <i>Chemistry of Materials</i> , <b>2019</b> , 31, 7833-7844	9.6	3
21	High-Pressure Routes to New Pyrochlores and Novel Magnetism. <i>Inorganics</i> , <b>2019</b> , 7, 49	2.9	3
20	Sub-Kelvin magnetic order in $Sm_3Ga_5O_{12}$ single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 384, 235-240	2.8	3
19	Direct measurement of the spin gap in a quasi-one-dimensional clinopyroxene: $NaTiSi_2O_6$ . <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	3
18	Microwave-induced excitations in the kagome system $Pr_3Ga_5SiO_{14}$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	3



17	Doping through the percolation limit in $\text{GeNi}_{2-x}\text{Co}_x\text{O}_4$ . <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 156202	1.8	3
16	Field-induced antiferromagnetic order in $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 408-410, 783-784	1.3	3
15	Evidence for negative thermal expansion in the superconducting precursor phase $\text{SmFeAsO}$ . <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 095601	1.8	2
14	Floating zone crystal growth and structural distortion of $\text{Pb}_2\text{V}_3\text{O}_9$ . <i>Journal of Crystal Growth</i> , <b>2011</b> , 321, 120-123	1.6	2
13	Magnetodielectric anisotropy study of multiferroicity in Y-doped hexagonal $\text{HoMnO}_3$ . <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 07E319	2.5	2
12	Naturally tuned quantum critical point in the $S=1$ kagomé $\text{Ca}_3(\text{VO})_3(\text{BO}_3)_4$ . <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	2
11	Absence of moment fragmentation in the mixed B-site pyrochlore $\text{Nd}_2\text{GaSbO}_7$ . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
10	Homoleptic Lanthanide Complexes Containing a Redox-Active Ligand and the Investigation of Their Electronic and Photophysical Properties. <i>Inorganics</i> , <b>2018</b> , 6, 56	2.9	1
9	Electronic transport in the ferromagnetic pyrochlore $\text{Lu}_2\text{V}_2\text{O}_7$ : Role of magnetization. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	1
8	Observation of magnetic polarons in the magnetoresistive pyrochlore $\text{Lu}_2\text{V}_2\text{O}_7$ . <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 115601	1.8	1
7	Surface reconstruction of hexagonal Y-doped $\text{HoMnO}_3$ and $\text{LuMnO}_3$ studied using low-energy electron diffraction. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	1
6	Probing multiferroicity and spin-spin interactions via angular dependent dielectric measurements on Y-doped $\text{HoMnO}_3$ in high magnetic fields. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 09M102	2.5	1
5	Absence of magnetic ordering in the spin liquid candidate $\text{CaCuGeVO}$ . <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 134001	1.8	1
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