David C Johnston

List of Publications by Year
in descending order

118 papers	6,290 citations	117453 34 h-index	66788 78 g-index
119 all docs	119 docs citations	119 times ranked	5046 citing authors

#	Article	IF	Citations
1	The puzzle of high temperature superconductivity in layered iron pnictides and chalcogenides. Advances in Physics, 2010, 59, 803-1061.	35.9	1,549
2	Destruction of Superconductivity at the Onset of Long-Range Magnetic Order in the Compound ErRh4B4. Physical Review Letters, 1977, 38, 987-990.	2.9	545
3	LiV2O4: A Heavy Fermion Transition Metal Oxide. Physical Review Letters, 1997, 78, 3729-3732.	2.9	453
4	Structural and magnetic studies ofSr2IrO4. Physical Review B, 1994, 49, 9198-9201.	1.1	381
5	Stretched exponential relaxation arising from a continuous sum of exponential decays. Physical Review B, 2006, 74, .	1.1	350
6	Magnetic order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaMn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: A neutron diffraction measurements. Physical Review B, 2009, 80, .	1.1	148
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">BaMn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: A case study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>-<mml:math	1.1	131
8	Thermodynamics of the Spin-1/2Antiferromagnetic Uniform Heisenberg Chain. Physical Review Letters, 2000, 84, 4701-4704.	2.9	110
9	Magnetic, transport, and thermal properties of single crystals of the layered arsenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaMn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2009, 79, .	1.1	104
10	Elaboration of the Î±-model derived from the BCS theory of superconductivity. Superconductor Science and Technology, 2013, 26, 115011.	1.8	101
11	Intercalation and staging behavior in super-oxygenated La2CuO4 + Î´. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 100, 535-545.	1.1	88
12	Structural, thermal, magnetic, and electronic transport properties of the LaNi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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19	Magnetic Susceptibility of Collinear and Noncollinear Heisenberg Antiferromagnets. Physical Review Letters, 2012, 109, 077201.	2.9	63
20	Heat capacity of single-crystalLa2CuO4and polycrystallineLa2â^'xSrxCuO4(0â‰¤xâ‰¤0.20) from 110 to 600 K. Physical Review B, 1991, 43, 239-246.	1.1	62
21	Magnetic dipole interactions in crystals. Physical Review B, 2016, 93, .	1.1	60
22	Superconducting and normal-state properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>Pd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	59
23	Unified molecular field theory for collinear and noncollinear Heisenberg antiferromagnets. Physical Review B, 2015, 91, .	1.1	57
24	Crystal and magnetic structure of CaCo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.86</mml:mn></mml:mrow></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>studied by x-ray and neutron diffraction. Physical Review B, 2013, 88, .	1.1	47
25	Stripe Antiferromagnetic Spin Fluctuations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrCo</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml: Physical Review Letters, 2013, 111, 157001.	2.9	47
26	Superconductivity of transition metal sulfides, selenides, and phosphides with the NaCl structure. Journal of Low Temperature Physics, 1978, 33, 175-203.	0.6	44
27	Physical properties of metallic antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CaCo</mml:mtext><mml:mrow><mml:mn>1.86</mml: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>As</mml:mtext><mml:mn>2</mml:mn></mml:msub> single crystals. Physical Review B, 2014, 89, .	1.1	44
28	Spin Correlations and Magnetic Field Effects in the Weakly Anisotropic Square-Lattice AntiferromagnetSr2CuO2Cl2. Physical Review Letters, 1995, 75, 2212-2215.	2.9	42
29	Experimental evidence of a collinear antiferromagnetic ordering in the frustrated CoAl<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>spinel. Physical Review B, 2013, 88, .	1.1	41
30	Vortex dynamics and frustration in two-dimensional triangular chromium lattices. Physical Review B, 2009, 80, .	1.1	37
31	Persistence of local-moment antiferromagnetic order in Ba1â^'xKxMn2As2. Physical Review B, 2013, 87, .	1.1	36
32	Dynamics of Magnetic Defects in Heavy FermionLiV2O4from Stretched ExponentialLi7NMR Relaxation. Physical Review Letters, 2005, 95, 176408.	2.9	35
33	Magnetic, thermal, and transport properties of layered arsenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaRu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrRu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:	1.1	35
34	Antiferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>EuCu</mml:mtext><mml:mn>2</mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>EuCu</mml:mtext><mml:mrow><mml:m crystals. Physical Review B, 2015, 91, .	1.1	35
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCo</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: A model molecular-field helical Heisenberg antiferromagnet. Physical Review B, 2016, 94, .	1.1	35
36	Competing Magnetic Fluctuations in Iron Pnictide Superconductors: Role of Ferromagnetic Spin Correlations Revealed by NMR. Physical Review Letters, 2015, 115, 137001.	2.9	34

#	Article	IF	Citations
37	Synthesis, structure, and properties of tetragonal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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55	Enhanced moments of Eu in single crystals of the metallic helical antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCo</mml:mi><mml:mrow><mml:mn>2 Physical Review B, 2018, 97, .	1.1	21
56	Magnetic ordering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuRh</mml:mtext></mml:mrow><mml:mn>2 by x-ray resonant magnetic scattering. Physical Review B, 2009, 79, .	1.1	19
57	Non-Fermi-liquid types of behavior associated with a magnetic quantum critical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mrow Physical Review B, 2019, 100, .	1.1	19
58	NMR determination of an incommensurate helical antiferromagnetic structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCo</mml:mi><mml:mn>2 Physical Review B, 2017, 95, .	1.1	18
59	Collinear antiferromagnetism in trigonal SrMn₂As₂revealed by single-crystal neutron diffraction. Journal of Physics Condensed Matter, 2017, 29, 035802.	0.7	17
60	Crystallography, magnetic susceptibility, heat capacity, and electrical resistivity of heavy-fermion<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Li</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>single crystals grown using a self-flux technique. Physical Review B, 2007, 76, .	1.1	16
61	Pressure-induced collapsed-tetragonal phase inSrCo2As2. Physical Review B, 2015, 92, .	1.1	16
62	Itinerant G-type antiferromagnetic order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrCr</mml:mi><mml:mn>2 Physical Review B, 2017, 96, .	1.1	16
63	Helical antiferromagnetic ordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuNi</mml:mi><mml:mrow><mml:mn>1. single crystals. Physical Review B, 2019, 100, .	1.1	16
64	Metal-insulator transition in antiferromagnetic Ba1âˆ’xKxMn2As2(0â‰¤xâ‰¤0.4) single crystals studied by55Mn and75As NMR. Physical Review B, 2013, 88, .	1.1	15
65	Zero-field magnetic ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuMg</mml:mi><mml:mn>2 Physical Review B, 2021, 103, .	1.1	15
66	Unusual magnetic, thermal, and transport behavior of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuRh</mml:mtext></mml:mrow><mml:mn>2 Physical Review B, 2009, 79, .	1.1	14
67	Volovik effect and Fermi-liquid behavior in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math>-wave superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CaPd</mml:mi></mml:mrow><mml:mrow><mml:mn>2	1.1	14
68	Structural, magnetic, thermal, and electronic transport properties of single-crystal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuPd</mml:mtext></mml:mrow><mml:mn>2 Physical Review B, 2010, 81, .	1.1	13
69	Metallic behavior induced by potassium doping of the trigonal antiferromagnetic insulatorEuMn2As2. Physical Review B, 2016, 94, .	1.1	13
70	Anomalous Composition-Induced Crossover in the Magnetic Properties of the Itinerant-Electron AntiferromagnetCa1âˆ’xSrxCo2âˆ’yAs2. Physical Review Letters, 2017, 119, 257203.	2.9	13
71	Y₃MnAu₅: Three Distinctive d-Metal Functions in an Intergrown Cluster Phase. Journal of the American Chemical Society, 2013, 135, 910-917.	6.6	12
72	Physical properties of EuPd₂As₂single crystals. Journal of Physics Condensed Matter, 2014, 26, 286002.	0.7	12

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73	Competing magnetic phases and itinerant magnetic frustration in SrCo2As2. Physical Review B, 2019, 100, .	1.1	12
74	Ferromagnetic cluster-glass phase in Ca(Co1âˆ’xIrx)2âˆ’yAs2 crystals. Physical Review B, 2020, 102, .	1.1	12
75	Observation of a phase transition at 55 K in single-crystal CaCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.7</mml:mn></mml:mrow></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	11
76	Superconductivity and physical properties of CaPd₂Ge₂single crystals. Journal of Physics Condensed Matter, 2014, 26, 405702.	0.7	11
77	Suppression of magnetic order in CaCo1.86As2 with Fe substitution: Magnetization, neutron diffraction, and x-ray diffraction studies of Ca(Co1âˆ’xFex)yAs2. Physical Review B, 2017, 95, .	1.1	11
78	Antiferromagnetic stacking of ferromagnetic layers and doping-controlled phase competition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Physical Review B, 2019, 100, .	1.1	11
79	A -type antiferromagnetic order and magnetic phase diagram of the trigonal Eu spin- 72 triangular-lattice compound EuSn2As2. Physical Review B, 2021, 104, .	1.1	11
80	Taking Advantage of Goldâ€™s Electronegativity in R₄Mn_{3â€“x}Au_{10+x} (R = Gd or Y; 0.2 â‰¤ Tj ETQq0 0 0 rgBT /Overlo	0.9	10
81	Helical antiferromagnetic ordering inLu1âˆ’xScxMnSi. Physical Review B, 2014, 90, .	1.1	10
82	Helical magnetic ordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:mo>(</mml:mo> Physical Review B, 2019, 100, .	1.1	10
83	Magnetic phase transitions in Eu(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 357 Td (xmlns:mml= http://www.w3.org/1 mathvariant="normal">As</mml:mi>. Physical Review Materials, 2020, 4, .	0.9	10
84	Magnetic penetration depth in V3Si and LiTi2O4 measured by Î¼SR. Hyperfine Interactions, 1994, 86, 615-621.	0.2	9
85	Ba0.4Rb0.6Mn2As2: A prototype half-metallic ferromagnet. Physical Review B, 2015, 92, .	1.1	9
86	NMR studies of the incommensurate helical antiferromagnet EuCo2P2 : Determination of antiferromagnetic propagation vector. Physical Review B, 2017, 96, .	1.1	9
87	Robust antiferromagnetic spin waves across the metal-insulator transition in hole-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaMn</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 95, .	1.1	9
88	The magnetic structure of EuCu₂Sb₂. Journal of Physics Condensed Matter, 2015, 27, 206002.	0.7	8
89	Magnetic structure and magnetization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>z</mml:mi></mml:math> -axis helical Heisenberg antiferromagnets with XY anisotropy in high magnetic fields transverse to the helix axis at zero temperature. Physical Review B, 2019, 99, .	1.1	8
90	First-order antiferromagnetic transitions of SrMn ₂ P ₂ and CaMn ₂ P ₂ single crystals containing corrugated-honeycomb Mn sublattices. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8

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91	Multiple crossovers between positive and negative magnetoresistance versus field due to fragile spin structure in metallic GdPd3. Scientific Reports, 2017, 7, 42789.	1.6	7
92	CsMn₄As₃: A Layered Tetragonal Transition-Metal Pnictide Compound with an Antiferromagnetic Ground State. Inorganic Chemistry, 2018, 57, 3206-3214.	1.9	7
93	Topological electronic structure of YbMg2Bi2 and CaMg2Bi2. Npj Quantum Materials, 2022, 7, .	1.8	7
94	Magnetic and thermal properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>zig-zag spin-chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">In</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	6
95	Magnetic susceptibility of frustrated spin-sJ1-J2quantum Heisenberg magnets: High-temperature expansion and exact diagonalization data. Journal of Physics: Conference Series, 2014, 529, 012023.	0.3	5
96	Influence of classical anisotropy fields on the properties of Heisenberg antiferromagnets within unified molecular field theory. Physical Review B, 2017, 96, .	1.1	5
97	The far-infrared conductivity of oxide superconductors. Ferroelectrics, 1996, 177, 83-94.	0.3	4
98	Magnetic, thermal, and transport properties of the mixed-valent vanadium oxides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuV</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:ms xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YV</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msu Physical Review B, 2010, 81, .	1.1	4
99	Electronic structure of copper pnictides: Influence of different cations and pnictogens. Physical Review B, 2013, 88, .	1.1	4
100	Thermodynamics of the noninteracting Bose gas in a two-dimensional box. Physical Review E, 2015, 92, 062109.	0.8	4
101	Magnetic detwinning and biquadratic magnetic interaction in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mn revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Eu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>153</mml:mn></mml:mmultiscripts></mml:math> NMR. Physical Review B, 2020,	1.1	4
102	Molecular-field-theory fits to magnetic susceptibilities of antiferromagnetic GdCu2Si2, CuO, LiCrO2, and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si48.svg"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>-CaCr2O4 single crystals below their NÃ©el temperatures. Journal of Magnetism and Magnetic Materials, 2021, 535, 168062.	1.0	4
103	Noninteracting electrons in a prototypical one-dimensional sinusoidal potential. American Journal of Physics, 2020, 88, 1109-1122.	0.3	2
104	Short-range ferromagnetic order due to Ir substitutions in single-crystalline Ba(Co1â^' x Ir x)2As2 (0 â©½ x â©½) Tj ETQq0 0 0 rgBT /O	0.7	2
105	Electronâ€“phonon coupling enhancement and displacive magnetostructural transition in SrCr2 As2 under magneto-Raman spectroscopy. Journal of Physics Condensed Matter, 2021, 33, 105401.	0.7	2
106	Itinerant G-type antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> studied by magnetization, heat capacity, electrical resistivity, and NMR measurements. Physical Review B, 2022, 105, .	1.1	2
107	Phase separation kinetics in La2CuO4+? and inhomogeneous hole doping in the antiferromagnetic regime (0 <x < 0.02) of La2?x Sr x CuO4. Journal of Superconductivity and Novel Magnetism, 1996, 9, 337-342.	0.5	1
108	Experimental and theoretical electronic structure of EuRh<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	1

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109	Cycloidal paths in physics as superpositions of translational and rotational motions. American Journal of Physics, 2019, 87, 802-814.	0.3	1
110	Reply to â€œComment on â€˜Magnetic structure and magnetization of z -axis helical Heisenberg antiferromagnets with XY anisotropy in high magnetic fields transverse to the helix axis at zero temperatureâ€™â€‰â€. Physical Review B, 2020, 101, .	1.1	1
111	Instability and evolution of the magnetic ground state in metallic perovskites GdRh3C1â^'xBx. Physical Review Materials, 2020, 4, .	0.9	1
112	Slow spin dynamics in the hyperhoneycomb lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>[</mml:mo><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq0 0 mathvariant="normal">NH</mml:mi><mml:msub><mml:mo>]</mml:mo><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi. Physical Review B, 2022, 105, .	1.1	1
113	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCo</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mn></mml:mn></mml:msub></mml:mrow></mml:math> : A new portal for the physics of high-purity metals. Physical Review Materials, 2022, 6, .	0.9	1
114	Magnetic Structures in RNi2B2C (R = Ho, Er) Superconductors. Materials Research Society Symposia Proceedings, 1994, 376, 559.	0.1	0
115	Spin Correlations and Magnetic Field Effects in the Weakly Anisotropic Square-Lattice AntiferromagneticSr2CuO2Cl2. Physical Review Letters, 1995, 75, 4335-4335.	2.9	0
116	Suppression of antiferromagnetic order and strong ferromagnetic spin fluctuations in Ca(Co1â^'xNix)2â^'yAs2 single crystals. Physical Review B, 2021, 104, .	1.1	0
117	Carrier tuning of Stoner ferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>ThCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mn></mml:mn></mml:msub></mml:mrow></mml:math> -structure cobalt arsenides. Physical Review B, 2021, 104, .	1.1	0
118	Incommensurate and commensurate antiferromagnetic states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml:mi><mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml:mi><mml:n Physical Review B, 2021, 104, .	1.1	0