Stephen D Wilson

List of Publications by Year
in descending order

173 papers	7,334 citations	66336 42 h-index	62593 80 g-index
177 all docs	177 docs citations	177 times ranked	5442 citing authors

#	Article	IF	Citations
1	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Cs</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">V</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:mrow><mml:m : A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2<. Physical Review Letters, 2020, 125, 247002.	7.8	468
2	New kagome prototype materials: discovery of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KV</mml:mi><mml:mn>3</mml:mn></mml: , and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mml:mn></m. Physical Review Materials, 2019, 3, .	2.4	398
3	Unconventional chiral charge order in kagome superconductor KV3Sb5. Nature Materials, 2021, 20, 1353-1357.	27.5	391
4	Giant, unconventional anomalous Hall effect in the metallic frustrated magnet candidate, KV ₃ Sb ₅. Science Advances, 2020, 6, eabb6003.	10.3	295
5	Superconductivity in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KV</mml:mi><mml:mn>3</mml:mn></mml: Physical Review Materials, 2021, 5, .	2.4	280
6	Manipulation of ionized impurity scattering for achieving high thermoelectric performance in n-type Mg ₃ Sb ₂ -based materials. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10548-10553.	7.1	267
7	Observation of Dirac Node Formation and Mass Acquisition in a Topological Crystalline Insulator. Science, 2013, 341, 1496-1499.	12.6	252
8	Cascade of correlated electron states in the kagome superconductor CsV3Sb5. Nature, 2021, 599, 216-221.	27.8	251
9	n-type thermoelectric material Mg ₂ Sn _{0.75} Ge _{0.25} for high power generation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3269-3274.	7.1	191
10	Twofold van Hove singularity and origin of charge order in topological kagome superconductor CsV3Sb5. Nature Physics, 2022, 18, 301-308.	16.7	176
11	Direct Observation of Broken Time-Reversal Symmetry on the Surface of a Magnetically Doped Topological Insulator. Physical Review Letters, 2011, 106, 206805.	7.8	142
12	Field-tunable quantum disordered ground state in the triangular-lattice antiferromagnet NaYbO2. Nature Physics, 2019, 15, 1058-1064.	16.7	138
13	Fermi Surface Mapping and the Nature of Charge-Density-Wave Order in the Kagome Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CsV</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn>< Physical Review X, 2021, 11, .	8.9	122
14	Pressure-induced double superconducting domes and charge instability in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KV</mml:mi><mml:mn>3</mml:mn></mml: Physical Review B, 2021, 103, .	3.2	115
15	Resonance in the electron-doped high-transition-temperature superconductor Pr0.88LaCe0.12CuO4-Î´. Nature, 2006, 442, 59-62.	27.8	112
16	Intrinsic nature of chiral charge order in the kagome superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Rb</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sb</mml:mi><mml:mn>5</mml:mn></ Physical Review B, 2021, 104, .	3.2	108
17	Rotation symmetry breaking in the normal state of a kagome superconductor KV3Sb5. Nature Physics, 2022, 18, 265-270.	16.7	102
18	Neutron diffraction study of the magnetic and structural phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2009, 79, .	3.2	100

#	ARTICLE	IF	CITATIONS
19	Absence of local moments in the kagome metal KV₃Sb₅ as determined by muon spin spectroscopy. Journal of Physics Condensed Matter, 2021, 33, 235801.	1.8	100
20	Nodeless superconductivity in the kagome metal CsV3Sb5. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	100
21	Effect of Uniaxial Strain on the Structural and Magnetic Phase Transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mm Physical Review Letters, 2012, 108, 087001.	7.8	95
22	Neutron scattering study of correlated phase behavior in Sr<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>IrO<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>. Physical Review B, 2013, 87, .	3.2	92
23	Magnetic order in the pyrochlore iridatesA2Ir2O7(A= Y, Yb). Physical Review B, 2012, 86, .	3.2	89
24	Influence of electron doping on the ground state of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Sr</mml:mi><mml:m Physical Review B, 2015, 92, .	3.2	89
25	Rich nature of Van Hove singularities in Kagome superconductor CsV3Sb5. Nature Communications, 2022, 13, 2220.	12.8	87
26	Coherent phonon spectroscopy and interlayer modulation of charge density wave order in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mml:mn></mm Physical Review Materials, 2021, 5, .	2.4	80
27	Switchable Plasmonicâ€"Dielectric Resonators with Metalâ€"Insulator Transitions. ACS Photonics, 2018, 5, 371-377.	6.6	78
28	Fermi level tuning and double-dome superconductivity in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsV</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mrow><mml:mn>5</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow>< mathvariant="normal">Sn</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review Materials, 2022, 6, .	2.4	74
29	Imaging the evolution of metallic states in a correlated iridate. Nature Materials, 2013, 12, 707-713.	27.5	71
30	Topological surface states and flat bands in the kagome superconductor CsV3Sb5. Science Bulletin, 2022, 67, 495-500.	9.0	69
31	A Simple Computational Proxy for Screening Magnetocaloric Compounds. Chemistry of Materials, 2017, 29, 1613-1622.	6.7	58
32	Optical detection of the density-wave instability in the kagome metal KV3Sb5. Npj Quantum Materials, 2022, 7, .	5.2	57
33	Phase diagram of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>PrFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</m Physical Review B, 2009, 80, .	3.2	56
34	Realizing Kagome Band Structure in Two-Dimensional Kagome Surface States of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">V</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub><mml:msub><mml:m		

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37	Magnetic order and the electronic ground state in the pyrochlore iridate Nd2Ir2O7. Physical Review B, 2012, 85, .	3.2	51
38	Short-Range Correlations in the Magnetic Ground State of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Na</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mr mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2014, 113, 247601.	7.8	51
39	A charge density wave-like instability in a doped spinâ€"orbit-assisted weak Mott insulator. Nature Materials, 2017, 16, 200-203.	27.5	49
40	Electronic properties of the topological kagome metals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YV</mml:mi><mml:mn>6</mml:mn></mml: and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GdV</mml:mi><mml:mn>6</mml:mn></mm Physical Review B, 2021, 104, .	3.2	49
41	Geometry of the charge density wave in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">V</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi>Sb</mml:mi Physical Review B, 2021, 104, .	3.2	47
42	Charge density wave order in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sb</mml:mi><mml:mn>5</mml:mn></ <mml:math		

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55	Deciphering structural and magnetic disorder in the chiral skyrmion host materials <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mi>x</mml:mi></mml:m		

#	Article	IF	Citations
73	Spin-charge coupling in lightly dopedNd2â^xCexCuO4. Physical Review B, 2005, 71, .	3.2	21
74	Revealing Optical Transitions and Carrier Recombination Dynamics within the Bulk Band Structure of Bi₂Se₃. Nano Letters, 2018, 18, 5875-5884.	9.1	21
75	Dimensional crossover in a layered ferromagnet detected by spin correlation driven distortions. Nature Communications, 2019, 10, 1654.	12.8	20
76	Magnetic fluctuations inn-type high-Tcsuperconductors reveal breakdown of fermiology: Experiments and Fermi-liquid/RPA calculations. Physical Review B, 2007, 76, .	3.2	19
77	Quantum spin correlations through the superconducting-to-normal phase transition in electron-doped superconducting Pr _{0.88} LaCe _{0.12} CuO _{4-Î´}. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15259-15263.	7.1	19
78	Structural evolution and skyrmionic phase diagram of the lacunar spinel <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">GaMo</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	2.4	19
79	Fermi Arcs vs. Fermi Pockets in Electron-doped Perovskite Iridates. Scientific Reports, 2015, 5, 8533.	3.3	18
80	Chemical Control of Spinâ€Orbit Coupling and Charge Transfer in Vacancyâ€Ordered Ruthenium(IV) Halide Perovskites. Angewandte Chemie - International Edition, 2021, 60, 5184-5188.	13.8	18
81	Disordered dimer state in electron-dopedSr3Ir2O7. Physical Review B, 2016, 94, .	3.2	17
82	Low temperature thermoelectric properties of p-type copper selenide with Ni, Te and Zn dopants. Journal of Alloys and Compounds, 2017, 699, 718-721.	5.5	17
83	Rapid Microwave Preparation and Composition Tuning of the High-Performance Magnetocalorics (Mn,Fe)₂(P,Si). ACS Applied Materials & Interfaces, 2018, 10, 7208-7213.	8.0	17
84	Frustrated Heisenberg <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mo model within the stretched diamond lattice of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Li</mml:mi><mml:mi>Yb</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	17
85	Observation of metallic surface states in the strongly correlated Kitaev-Heisenberg candidate<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></m Physical Review B, 2016, 93, .	3.2	16
86	Core-level and valence-band study using angle-integrated photoemission on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFeAsO</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.9< Physical Review B, 2008, 78, .	3.2	15
87	Antiferromagnetic critical fluctuations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2010, 82, .	3.2	15
88	High-pressure laser floating zone furnace. Review of Scientific Instruments, 2019, 90, 043906.	1.3	15
89	Ultrafast Enhancement of Ferromagnetic Spin Exchange Induced by Ligand-to-Metal Charge Transfer. Physical Review Letters, 2020, 125, 197203.	7.8	15
90	Optical study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>RbV</mml:mi><mml:mn>3</mml:mn></mm : Multiple density-wave gaps and phonon anomalies. Physical Review B, 2022, 105, .	3.2	15

#	ARTICLE	IF	CITATIONS
91	Inelastic x-ray scattering measurements of phonon dispersion and lifetimes in PbTe_{1â^’<i>x</i>}Se<i>_x</i>alloys. Journal of Physics Condensed Matter, 2015, 27, 375403.	1.8	14
92	Influence of hydrostatic pressure on the bulk magnetic properties ofEu2Ir2O7. Physical Review B, 2016, 93, .	3.2	14
93	Active Crystal Growth Techniques for Quantum Materials. Annual Review of Materials Research, 2017, 47, 153-174.	9.3	14
94	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	16.7	14
95	Controlling Dzyaloshinskii-Moriya interactions in the skyrmion host candidates FePd1â^’xPtxMo3N. Physical Review Materials, 2020, 4, .	2.4	14
96	Magnetism and magnetic order in the pyrochlore iridates in the insulator-to-metal crossover region. Journal of Physics: Conference Series, 2014, 551, 012020.	0.4	13
97	Amplitude mode in the planar triangular antiferromagnet Na0.9MnO2. Nature Communications, 2018, 9, 2188.	12.8	13
98	Spectroscopic Evidence for Electron-Boson Coupling in Electron-Doped <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 Physical Review Letters, 2019, 123, 216402.	7.8	13
99	Evolution of superconductivity and charge order in pressurized RbV₃Sb₅. Chinese Physics B, 2022, 31, 017404.	1.4	13
100	Electronic states dressed by an out-of-plane supermodulation in the quasi-two-dimensional kagome superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mml:mn></mm Physical Review B, 2022, 105, .	3.2	13
101	[illegible] order and superconductivity in the kagome metals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KV</mml:mi><mml:mn>3</mml:mn></mm width="0.16em" /><mml:msub><mml:mi>Sn</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math> and [illegible] sub><m. Physical [illegible]	2.4	13
102	Neutron scattering study of magnetic phase separation in nanocrystalline La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>/</mml:mo><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mr xmlns:mml="http://www.w3.org/1998/Ma. Physical Review B, 2011, 84, .	3.2	12
103	Interface-Driven Ferromagnetism within the Quantum Wells of a Rare Earth Titanate Superlattice. Physical Review Letters, 2016, 117, 037205.	7.8	12
104	Unconventional Hund metal in a weak itinerant ferromagnet. Nature Communications, 2020, 11, 3076.	12.8	12
105	Spin-correlated electronic state on the surface of a spin-orbit Mott system. Physical Review B, 2014, 90, .	3.2	11
106	Structural evolution and electronic properties 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 Physical Review B, 2016, 94, .	3.2	11
107	Doping induced Mott collapse and possible density wave instabilities in (Sr1â^’xLax)3Ir2O7. Npj Quantum Materials, 2019, 4, .	5.2	11
108	Spin-orbit-enhanced magnetic surface second-harmonic generation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:r mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	11

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109	Three-Magnon Bound State in the Quasi-One-Dimensional Antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math> - <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NaMnO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn>… Physical Review Letters, 2020, 124, 197203.	7.8	11
110	Structural Diversity and Magnetic Properties of Hybrid Ruthenium Halide Perovskites and Related Compounds. Angewandte Chemie, 2020, 132, 9059-9066.	2.0	11
111	Van Vleck excitons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>2</mml:mn></m… mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	11
112	Thermal evolution of quasi-one-dimensional spin correlations within the anisotropic triangular lattice of Î±â^'NaMnO2. Physical Review B, 2018, 98, .	3.2	10
113	Infrared probe of pseudogap in electron-doped Sr2IrO4. Scientific Reports, 2017, 7, 10494.	3.3	9
114	Modeling the structural distortion and magnetic ground state of the polar lacunar spinel <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></mm… Physical Review B, 2019, 100, .	3.2	9
115	Magnetic properties and signatures of moment ordering in the triangular lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>KCeO</mml:mi><mml:mn>2</mml:mn></mml:msub>… Physical Review B, 2021, 104, .	3.2	9
116	Evolution of noncollinear magnetism in magnetocaloric MnPtGa. Physical Review Materials, 2020, 4, .	2.4	9
117	Thermoelectric properties of CeAl 3 prepared by hot-press method. Energy Conversion and Management, 2014, 87, 584-588.	9.2	8
118	Infrared Spectroscopic Evidences of Strong Electronic Correlations in (Sr1â^'xLax)3Ir2O7. Scientific Reports, 2016, 6, 32632.	3.3	8
119	Quasistatic antiferromagnetism in the quantum wells of SmTiO3/SrTiO3 heterostructures. Npj Quantum Materials, 2018, 3, .	5.2	8
120	Evolution of structure and magnetism across the metal-insulator transition in the pyrochlore iridate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq… mathvariant="normal">Ir<. Physical Review B, 2019, 100, .	3.2	8
121	Structural coupling and magnetic tuning in Mn2â^'<i>x</i>Co<i>x</i>P magnetocalorics for thermomagnetic power generation. APL Materials, 2020, 8, .	5.1	8
122	Doping-driven structural distortion in the bilayer iridate (Sr1â^'xLax)3Ir2O7. Physical Review B, 2017, 95, .	3.2	7
123	Monopole-limited nucleation of magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mn>2</mml:mn></m… mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	7
124	Antiferromagnetism and crystalline electric field excitations in tetragonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaCeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	3.2	7
125	X-ray Absorption and Emission Spectroscopy Study of the Effect of Doping on the Low Energy Electronic Structure of PrFeAsO1-Î´. Journal of the Physical Society of Japan, 2010, 79, 074716.	1.6	6
126	Inelastic neutron scattering study of phonon density of states in nanostructured Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ge<mml:… xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>thermoelectrics. Physical Review B, 2012, 86, .	3.2	6

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132	Bulk superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">FeTe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow mathvariant="normal">Se</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math> via physicochemical pumping of excess iron. Physical Review Materials, 2019, 3, .	2.4	6
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149	Doping-dependent correlation effects in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><m mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub. Physical Review B, 2018, 97, .	3.2	3
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