Mark D Lumsden

List of Publications by Year
in descending order

135 papers	8,300 citations	61857 43 h-index	46693 89 g-index
138 all docs	138 docs citations	138 times ranked	6811 citing authors

#	Article	IF	Citations
1	Proximate Kitaev quantum spin liquid behaviour in a honeycomb magnet. Nature Materials, 2016, 15, 733-740.	13.3	762
2	Giant anharmonic phonon scattering in PbTe. Nature Materials, 2011, 10, 614-619.	13.3	561
3	Unconventional superconductivity in Ba0.6K0.4Fe2As2 from inelastic neutron scattering. Nature, 2008, 456, 930-932.	13.7	543
4	Neutron scattering in the proximate quantum spin liquid Î±-RuCl ₃. Science, 2017, 356, 1055-1059.	6.0	499
5	Cooperative Paramagnetism in the Geometrically Frustrated Pyrochlore AntiferromagnetTb2Ti2O7. Physical Review Letters, 1999, 82, 1012-1015.	2.9	487
6	Magnetism in Fe-based superconductors. Journal of Physics Condensed Matter, 2010, 22, 203203.	0.7	289
7	Phase transitions in LaFeAsO: Structural, magnetic, elastic, and transport properties, heat capacity and MÃ¶ssbauer spectra. Physical Review B, 2008, 78, .	1.1	284
8	Low-temperature crystal and magnetic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>âˆ'</mml:mo><mml:msub><mml:... Physical Review B, 2016, 93, .	1.1	271
9	Excitations in the field-induced quantum spin liquid state of Î±-RuCl3. Npj Quantum Materials, 2018, 3, .	1.8	254
10	Two-dimensional resonant magnetic excitation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>1.84</mml:mn></mml:msub><mml:msub><mml:mi>Co</mml:mi><m... Physical Review Letters, 2009, 102, 107005.	2.9	237
11	Evolution of spin excitations into the superconducting state in FeTe1âˆ'xSex. Nature Physics, 2010, 6, 182-186.	6.5	151
12	Static and Dynamic Magnetism in Underdoped Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>1.92</mml:mn></mml:msub><mml:msub><mml:mi>Co</mml:mi><m... Physical Review Letters, 2009, 103, 087002.	2.9	150
13	Magnetic correlations in the quasi-two-dimensional semiconducting ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CrSiTe</mml:mtext><mml:mn>3</mml:mn></mml:ms... Physical Review B, 2015, 92, .	1.1	134
14	Lattice and magnetic structures of PrFeAsO,<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>0.85 and<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><m. Physical Review B, 2008, 78, .	1.1	133
15	Phonon Lifetime Investigation of Anharmonicity and Thermal Conductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>UO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>by Neutron Scattering and Theory. Physical Review Letters, 2013, 110, 157401.	2.9	132
16	Three-Dimensional Magnetic Correlations in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LuFe</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:math>. Physical Review Letters, 2008, 100, 107601.	2.9	130
17	Charge Order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LuFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: Antiferroelectric Ground State and Coupling to Magnetism. Physical Review Letters, 2008, 101, 227601.	2.9	120
18	Magnetically Driven Metal-Insulator Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NaOsO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 257209.	2.9	115

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19	Anisotropic Three-Dimensional Magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mi> Physical Review Letters, 2008, 101, 227205.	2.9	90
20	The valence-fluctuating ground state of plutonium. Science Advances, 2015, 1, e1500188.	4.7	89
21	Paramagnetic spin correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> crystals. Physical Review B, 2010, 81, .	1.1	84
22	Interaction Driven Subgap Spin Exciton in the Kondo Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SmB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></ Physical Review Letters, 2015, 114, 036401.	2.9	83
23	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>ZnIrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>6</mml:mn></mml:msub></mml:math>and La<mml:math	1.1	80
24	Weak Ferromagnetism and Field-Induced Spin Reorientation inK2V3O8. Physical Review Letters, 2001, 86, 159-162.	2.9	78
25	Finite field regime for a quantum spin liquid in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub> Physical Review B, 2019, 100, .	1.1	78
26	Neutron Scattering Studies of spin excitations in hole-doped Ba0.67K0.33Fe2As2 superconductor. Scientific Reports, 2011, 1, 115.	1.6	72
27	xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	69
28	Phonon Density of States of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</m mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 157004.	2.9	65
29	Unusual Relationship between Magnetism and Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>FeTe</mml:mi><mml:mn>0.5</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mi> Physical Review Letters, 2010, 104, 187002.	2.9	62
30	Spin glass and semiconducting behavior in one-dimensional BaFe2â^'Î´Se3(Î´â‰ˆ0.2)crystals. Physical Review B, 2011, 84, .	1.1	58
31	Magnetic order and electronic structure of 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> perovskite<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> Physical Review B, 2015, 91, .	1.1	58
32	Spin-orbit-driven magnetic structure and excitation in the 5d pyrochlore Cd2Os2O7. Nature Communications, 2016, 7, 11651.	5.8	56
33	Tomonagaâ€“Luttinger liquid behavior and spinon confinement in YbAlO3. Nature Communications, 2019, 10, 698.	5.8	56
34	Competing Ferri- and Antiferromagnetic Phases in Geometrically Frustrated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LuFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 037206.	2.9	55
35	Lattice dynamics reveals a local symmetry breaking in the emergent dipole phase of PbTe. Physical Review B, 2012, 86, .	1.1	55
36	Anisotropic Exchange within Decoupled Tetrahedra in the Quantum Breathing Pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> mathvariant="nor. Physical Review Letters, 2016, 116, 257204.	2.9	55

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37	Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>y</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.6</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:m	1.1	54
38	MCViNE â€“ An object oriented Monte Carlo neutron ray tracing simulation package. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 810, 86-99.	0.7	51
39	Structural ordering and symmetry breaking inCd2Re2O7. Physical Review B, 2002, 66, .	1.1	47
40	Inelastic neutron scattering study of the resonance mode in the optimally doped pnictide superconductor<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>0.92 Physical Review B, 2010, 82, .	1.1	47
41	Singlet-Triplet Dispersion Reveals Additional Frustration in the Triangular-Lattice Dimer Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Mn</mml:mi> mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 100, 237201.	2.9	46
42	Enhanced spin-phonon-electronic coupling in a 5d oxide. Nature Communications, 2015, 6, 8916.	5.8	45
43	Magnetic Field Enhancement of Heat Transport in the 2D Heisenberg AntiferromagnetK2V3O8. Physical Review Letters, 2002, 88, 095901.	2.9	44
44	Competition between stripe and checkerboard magnetic instabilities in Mn-doped BaFe<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, 86, .	1.1	44
45	Magnetic structural change of Sr2IrO4upon Mn doping. Physical Review B, 2012, 86, .	1.1	43
46	Quantum Spin Correlations in an Organometallic Alternating-Sign Chain. Physical Review Letters, 2007, 99, 087204.	2.9	42
47	Direct observation of dynamic charge stripes in La2â€“xSrxNiO4. Nature Communications, 2014, 5, 3467.	5.8	42
48	Ferro-Orbital Ordering Transition in Iron Telluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mm Physical Review Letters, 2014, 112, 187202.	2.9	40
49	Doping dependence of spin dynamics in electron-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2010, 82, .	1.1	38
50	Spin-orbit coupling controlled ground state 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> Physical Review B, 2016, 93, .	1.1	38
51	On the Chemistry and Physical Properties of Flux and Floating Zone Grown SmB6 Single Crystals. Scientific Reports, 2016, 6, 20860.	1.6	38
52	Effects of Transition Metal Substitutions on the Incommensurability and Spin Fluctuations 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> Elastic and Inelastic Neutron Scattering. Physical Review Letters, 2012, 109, 167003.	2.9	37
53	Long-range antiferromagnetic order in theS=1chain compoundLiVGe2O6. Physical Review B, 2000, 62, R9244-R9247.	1.1	34
54	Evolution of competing magnetic order in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml:ms state of<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:m Physical Review B, 2015, 92, .	1.1	33

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55	Magnetic structure and spin excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>BaMn</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2014, 89, .	1.1	32
56	Extended magnetic exchange interactions in the high-temperature ferromagnet MnBi. Applied Physics Letters, 2016, 108, .	1.5	32
57	Dispersive magnetic excitations in 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:mn>1</mml:mn></mml:mrow></mml:math> antiferromagnetic insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi	1.1	31
58	Spin-Orbit Coupling Controlled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>=</mml:mo><mml:mn>3</mml:mn><mml:mo stretchy="false">/</mml:mo><mml:mn>2</mml:mn></mml:math> Electronic Ground State in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>5</mml:mn><mml:msup><mml:mrow><mml:mi>d</mml:mi></mml:mrow><mml:mrow><mml:	2.9	31
59	Decoupled spin dynamics in the rare-earth orthoferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> : Evolution of magnetic excitations through the spin-reorientation transition. Physical Review B, 2018, 98, .	1.1	31
60	Dispersion of the superconducting spin resonance in underdoped and antiferromagnetic<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:msub></mml:math> Physical Review B, 2010, 81, .	1.1	30
61	Magnetism and Disorder Effects on Muon Spin Rotation Measurements of the Magnetic Penetration Depth in Iron-Arsenic Superconductors. Physical Review Letters, 2011, 106, 127002.	2.9	28
62	Spin-liquid polymorphism in a correlated electron system on the threshold of superconductivity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10316-10320.	3.3	28
63	Effect of molybdenum4dhole substitution in BaFe2As2. Physical Review B, 2012, 85, .	1.1	27
64	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml:ms spin-orbit insulating state close to the cubic limit in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>Ca</mml:mtext><mml:mn>4</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>IrO</mml:mtext><mml:m. Physical Review B, 2014, 89, .	1.1	27
65	Magnetic ground state of the Ising-like antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>DyScO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2017, 96, .	1.1	27
66	Chiral and Collinear Ordering in a Distorted Triangular Antiferromagnet. Physical Review Letters, 2009, 102, 037202.	2.9	26
67	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbCl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2019, 100, .	1.1	26
68	Temperature Dependence of the Magnetic Penetration Depth in the Vortex State of the Pyrochlore Superconductor,Cd2Re2O7. Physical Review Letters, 2002, 89, 147002.	2.9	24
69	Antiferromagnetic ordering and dipolar interactions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbAlO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2019, 99, .	1.1	24
70	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	5.8	24
71	Quasi-One-Dimensional Magnons in an Intermetallic Marcasite. Physical Review Letters, 2012, 108, 167202.	2.9	21
72	Temperature-dependent bilayer ferromagnetism inSr3Ru2O7. Physical Review B, 2006, 73, .	1.1	19

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73	Magnetic structure determination of Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>LiOsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>6</mml:mn></mml:msub></mml:math>using neutron and x-ray scattering. Physical Review B, 2013, 86, .	1.1	19
74	Influence of interstitial Mn on magnetism in the room-temperature ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Physical Review B, 2015, 91, .	1.1	19
75	Critical Phenomena of the Spin-Peierls Transition in CuGeO3. Physical Review Letters, 1996, 76, 4919-4922.	2.9	18
76	X-ray-diffraction study of critical phenomena at the spin-Peierls transition inCuGeO3. Physical Review B, 1998, 57, 14097-14104.	1.1	18
77	Magnetic excitation spectrum of the square latticeS=1â^•2Heisenberg antiferromagnetK2V3O8. Physical Review B, 2006, 74, .	1.1	17
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79	c-axis Josephson tunneling in twinned and untwinned YBCO-Pb Junctions. Physical Review B, 1997, 55, 9088-9093.	1.1	15
80	Critical phenomena at the spin-Peierls transition inMEM(TCNQ)2. Physical Review B, 1999, 59, 9372-9381.	1.1	15
81	UB matrix implementation for inelastic neutron scattering experiments. Journal of Applied Crystallography, 2005, 38, 405-411.	1.9	15
82	Magnetic order tuned by Cu substitution in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>z</mml:mi></mml:mrow></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>z</mml:mi></mml:msub></mml:math>Te. Physical Review B, 2012, 86, .	1.1	15
83	Magnetic properties of theS=12quasisquare lattice antiferromagnet CuF2(H2O)2(pyz) (pyz=pyrazine) investigated by neutron scattering. Physical Review B, 2012, 86, .	1.1	15
84	Crossover from spin waves to diffusive spin excitations in underdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ba</mml:mi><mml:mo>(</mml:mo><mml:msub><mml:mi>Fe</mml:m Physical Review B, 2014, 89, .	1.1	15
85	Origin of magnetic excitation gap in double perovskite <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:msub></mml:mrow></mml:math> Physical Review B, 2018, 98, .	1.1	15
86	Two Dimensional Ordering and Fluctuations inÎ±â€²â^’NaV2O5. Physical Review Letters, 2000, 84, 3446-3449.	2.9	14
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89	Neutron scattering and scaling behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>URu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2007, 73, .	1.1	14
90	Frustrated Magnetism in Mott Insulating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>YbFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (mathvariant="normal">V	2.8	14

2019, 9, .

#	Article	IF	Citations
91	Spin excitations 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:mrow><mml:mn>1.84</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>observed by inelastic neutron scattering. Physical Review B, 2009, 80, .	1.1	13
92	Antiferromagnetism, structural properties, and electronic transport ofBaCo0.9Ni0.1S1.8. Physical Review B, 1997, 55, 12375-12381.	1.1	12
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95	Interplay of spin-orbit coupling and hybridization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>Physical Review B, 2017, 96, .	1.1	12
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