Jeffery W Lynn

List of Publications by Year
in descending order

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633 papers	28,616 citations	4942 84 h-index	9073 144 g-index
653 all docs	653 docs citations	653 times ranked	13760 citing authors

#	Article	IF	Citations
1	Dynamically preferred state with strong electronic fluctuations from electrochemical synthesis of sodium manganate. Matter, 2022, 5, 735-750.	5.0	1
2	Magnetization-driven Lifshitz transition and charge-spin coupling in the kagome metal YMn6Sn6. Communications Physics, 2022, 5, .	2.0	10
3	Effect of iron vacancies on magnetic order and spin dynamics of the spin ladder <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BaFe</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math>.	1.1	3
4	Incommensurate magnetic orders and topological Hall effect in the square-net centrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>EuGa</mml:mi></mml:mrow><mml:mn>2</ system. Physical Review Materials, 2022, 6, .	0.9	12
5	Charge transfer enhanced magnetic correlations in <scp>typeâ€II</scp> multiferroic <scp>Co₃TeO₆</scp>. Journal of the Chinese Chemical Society, 2021, 68, 395-402.	0.8	2
6	Magnetic Scattering. , 2021, , 1-42.		1
7	Dual lattice incommensurabilities and enhanced lattice perfection by low-temperature thermal annealing in photoelectric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mm	0.9	2
8	Chiral properties of the zero-field spiral state and field-induced magnetic phases of the itinerant kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YMn</mml:mi><mml:mn>6</mml:mn></mm Physical Review B, 2021, 103, .	1.1	24
9	Isotropic Nature of the Metallic Kagome Ferromagnet Fe3Sn2 at High Temperatures. Crystals, 2021, 11, 307.	1.0	6
10	Magnetic ordering and structural distortion in a PrFeAsO single crystal studied by neutron and x-ray scattering. Physical Review B, 2021, 103, .	1.1	1
11	Phase diagram of YbZnGaO4 in applied magnetic field. Npj Quantum Materials, 2021, 6, .	1.8	7
12	The correlation between the covalent bonds and magnetocaloric properties of the Mn2â^'xFexPyGe1â^'yMz compounds. Journal of Applied Physics, 2021, 130, 133901.	1.1	4
13	Field-tuned magnetic structure and phase diagram of the honeycomb magnet YbCl3. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	6
14	Magnetic and structural properties of the intermetallic Ce(1â^'x)LaxCrGe3 series of compounds. Physical Review Materials, 2021, 5, .	0.9	2
15	Universal Dynamics of Magnetic Monopoles in Two-Dimensional KagomÃ© Ice. Journal of the Physical Society of Japan, 2021, 90, .	0.7	1
16	Magnetic Scattering. , 2021, , 1255-1296.		0
17	Sixfold enhancement of superconductivity in a tunable electronic nematic system. Nature Physics, 2020, 16, 346-350.	6.5	45
18	Absence of magnetic ordering in the spin liquid candidate Ca3Cu2GeV2O12. Journal of Physics Condensed Matter, 2020, 32, 134001.	0.7	1

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19	Tuning the crystalline electric field and magnetic anisotropy along the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCuBi</mml:mi><mml:mrow><mml:mn>2 series. Physical Review B, 2020, 102, .	1.1	2
20	In-plane uniaxial pressure-induced out-of-plane antiferromagnetic moment and critical fluctuations in BaFe2As2. Nature Communications, 2020, 11, 5728.	5.8	8
21	Evolution of the magnetic properties in the antiferromagnet Ce2RhIn8 simultaneously doped with Cd and Ir. Physical Review B, 2020, 102, .	1.1	0
22	Three-dimensional magnetism and the Dzyaloshinskii-Moriya interaction in S = 3/2 kagome staircase Co ₃ V ₂ O ₈. Science Advances, 2020, 6, eaay9709.	4.7	8
23	Topological Singularity Induced Chiral Kohn Anomaly in a Weyl Semimetal. Physical Review Letters, 2020, 124, 236401.	2.9	27
24	Structural, magnetic, and electronic evolution of the spin-ladder system BaFe2S3âˆ’xSex with isoelectronic substitution. Physical Review B, 2020, 101, .	1.1	6
25	Electronic and magnetic properties of stoichiometric CeAuBi2. Physical Review B, 2020, 101, .	1.1	5
26	Magnon profile on SrRuO3 films studied by inelastic neutron scattering. Physical Review B, 2020, 101, .	1.1	2
27	Correlations and incipient antiferromagnetic order within the linear Mn chains of metallic Ti4MnBi2. Physical Review B, 2020, 102, .	1.1	6
28	Magnetic phase transitions and spin density distribution in the molecular multiferroic system GaV4S8. Physical Review B, 2020, 102, .	1.1	10
29	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. Npj Quantum Materials, 2020, 5, .	1.8	37
30	Nonsuperconducting electronic ground state in pressurized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mm mathvariant="normal">S</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>BaFe</mml:mi><mml:mn>2</mml:mn></mm mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>2.5</mml:mn></mml:mrow></. Physical Revie	1.1	8
31	Observation of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>C</mml:mi></mml:math> -type short-range antiferromagnetic order in layer spacing expanded FeS. Physical Review Materials, 2020, 4, .	0.9	3
32	Long-range magnetic order in hydroxide-layer-doped (Li1âˆ’xâˆ’yFexMnyOD)FeSe. Physical Review Materials, 2020, 4, .	0.9	3
33	Synthesis and characterization of bulk <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mrow><mml:mn>1</m mathvariant="normal">O</mml:mi><mml:mn>2</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>Nd</mml:mi><mml:mrow>. Physical Review Materials, 2020, 4, .	0.9	87
34	Controlling phonon lifetimes via sublattice disordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ag</mml:mi><mml:mi>Bi</mml:mi><mml:msub><mml:m Physical Review Materials, 2020, 4, .	0.9	6
35	Competing magnetic phases and fluctuation-driven scalar spin chirality in the kagome metal YMn ₆ Sn ₆. Science Advances, 2020, 6, .	4.7	103
36	Observation of plasmon-phonons in a metamaterial superconductor using inelastic neutron scattering (Conference Presentation). , 2020, , .		0

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37	Correlating magnetic structure and magnetotransport in semimetal thin films of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mrow><mml:mn>1</mm Physical Review Materials, 2020, 4, .	0.9	3
38	Magnetic order and competition with superconductivity in (Ho-Er)Ni₂B₂C. Materials Research Express, 2020, 7, 116002.	0.8	2
39	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. Npj Quantum Materials, 2020, 5, .	1.8	4
40	Observation of plasmon-phonons in a metamaterial superconductor using inelastic neutron scattering. Physical Review B, 2019, 100, .	1.1	4
41	Spin rotation induced by applied pressure in the Cd-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ce</mml:mi><mml:mn>2</mml:mn></mml intermetallic compound. Physical Review B, 2019, 100, .	1.1	2
42	Orbital-selective Kondo lattice and enigmatic f electrons emerging from inside the antiferromagnetic phase of a heavy fermion. Science Advances, 2019, 5, eaaw9061.	4.7	22
43	Response to comment on â€œGiant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrationsâ€. Science Advances, 2019, 5, eaaw4367.	4.7	1
44	Magnetic-field effects on the fragile antiferromagnetism in YbBiPt. Physical Review B, 2019, 99, .	1.1	4
45	Singular angular magnetoresistance in a magnetic nodal semimetal. Science, 2019, 365, 377-381.	6.0	69
46	Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>YFe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</ Physical Review Letters, 2019, 122, 217003.	2.9	6
47	Intrinsic anharmonic localization in thermoelectric PbSe. Nature Communications, 2019, 10, 1928.	5.8	51
48	Damping and softening of transverse acoustic phonons in colossal magnetoresistive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>0.7</m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:m. Physical Review B, 2019, 99, .	1.1	5
49	High temperature singlet-based magnetism from Hundâ€™s rule correlations. Nature Communications, 2019, 10, 644.	5.8	12
50	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	1.1	9
51	Extremely space and time restricted thermal transport in the high temperature Cmcm phase of thermoelectric SnSe. Materials Today Physics, 2019, 11, 100171.	2.9	11
52	Spin correlations of quantum spin liquid and quadrupole-ordered states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Tb</mml:mi><mml:mrow><mml:mn>2</mm mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>+</mml:mo><mml:mi>y</mml:mi></mml:mrow></m Physical Review B, 2019, 99, .	1.1	9
53	Magnetic and electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">K</mml:mi><mml:mi>M</mml:mi><mml:msub><mml:mi>MnS</mml:mi><mml:mn>2</mml:mn></mml:msub> width="4pt"	0.9	5
54	Tunable multiferroic order parameters in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mrow><mml:m mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">M	0.9	5

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55	Magnetic skyrmion spin texture hosts and detection using small-angle neutron scattering. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, a212-a212.	0.0	0
56	Spin correlations of quantum spin liquid and quadrupole-ordered states of Tb Ti O. Physical Review B, 2019, 99, .	1.1	0
57	Tunable multiferroic order parameters in Sr- Ba Mn- Ti O. Physical Review Materials, 2019, 3, .	0.9	0
58	Band Jahn-Teller structural phase transition in Y2In. Physical Review B, 2018, 97, .	1.1	0
59	Noncentrosymmetric superconductor BeAu. Physical Review B, 2018, 97, .	1.1	33
60	Tuning the magnetic ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ce</mml:mi><mml:mrow><mml:mn>1</mm by Yb valence fluctuations. Physical Review B, 2018, 98, .	1.1	
61	Spin waves across three-dimensional, close-packed nanoparticles. New Journal of Physics, 2018, 20, 123020.	1.2	6
62	Thermal evolution of quasi-one-dimensional spin correlations within the anisotropic triangular lattice of Î±â^'NaMnO2. Physical Review B, 2018, 98, .	1.1	10
63	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbRh</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review X, 2018, 8, .	2.8	12
64	Super Charge Separation and High Voltage Phase in Na_xMnO₂. Advanced Functional Materials, 2018, 28, 1805105.	7.8	33
65	Suppression of antiferromagnetic spin fluctuations in superconducting Cr0.8Ru0.2. Physical Review B, 2018, 98, .	1.1	2
66	International Workshop on Utilization of Research Reactors, SÃ£o Paulo, Brazil. Neutron News, 2018, 29, 2-3.	0.1	0
67	Carrier density control of magnetism and Berry phases in doped EuTiO3. APL Materials, 2018, 6, .	2.2	24
68	Reversible Flat to Rippling Phase Transition in Fe Containing Layered Battery Electrode Materials. Advanced Functional Materials, 2018, 28, 1803896.	7.8	18
69	Amplitude mode in the planar triangular antiferromagnet Na0.9MnO2. Nature Communications, 2018, 9, 2188.	5.8	13
70	Reversible Flat to Rippling Phase Transition in Fe Containing Layered Battery Electrode Materials. Advanced Functional Materials, 2018, 28, .	7.8	0
71	Super Charge Separation and High Voltage Phase in Na MnO. Advanced Functional Materials, 2018, 28, .	7.8	1
72	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mrow><mml:mn>2</m		

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73	Magnetism and site exchange in CuFeAs and CuFeSb: A microscopic and theoretical investigation. Physical Review B, 2017, 95, .	1.1	1
74	Floating zone growth of Î±-Na0.90MnO2 single crystals. Journal of Crystal Growth, 2017, 459, 203-208.	0.7	6
75	Spin wave damping arising from phase coexistence below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma in colossal magnetoresistive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>0.7< Physical Review B, 2017, 96, .	1.1	9
76	Complex magnetic incommensurability and electronic charge transfer through the ferroelectric transition in multiferroic Co3TeO6. Scientific Reports, 2017, 7, 6437.	1.6	11
77	Quantum critical point in the Sc-doped itinerant antiferromagnet TiAu. Physical Review B, 2017, 95, .	1.1	8
78	Magnetic structures of rare earth intermetallic compounds RCuAs2 (RÂ=ÂPr, Nd, Tb, Dy, Ho, and Yb). Journal of Physics and Chemistry of Solids, 2017, 111, 1-7.	1.9	5
79	Spin excitations and the Fermi surface of superconducting FeS. Npj Quantum Materials, 2017, 2, .	1.8	14
80	Phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo> in an in-plane magnetic field. Physical Review B, 2017, 95, .	1.1	18
81	The 8th American Conference on Neutron Scattering. Neutron News, 2016, 27, 4-10.	0.1	0
82	Distinct magnetic spectra in the hidden order and antiferromagnetic phases in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mrow> Physical Review B, 2016, 94, .	1.1	14
83	Large anomalous Hall effect in a half-Heusler antiferromagnet. Nature Physics, 2016, 12, 1119-1123.	6.5	232
84	Magnetic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Yb</mml:mi><mml:mn> Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	1.1	17
85	Spin dynamics and two-dimensional correlations in the fcc antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn> Physical Review B, 2016, 93, .	1.1	11
86	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. Physical Review Letters, 2016, 116, 197004.	2.9	19
87	Quadrupole Order in the Frustrated Pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Tb</mml:mi></mml:mrow><mml:mrow><mml:mn> mathvariant="normal">Ti</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi> mathvariant="normal">O</mml:mi></mml:mrow>. Physical Review Letters, 2016, 116, 217201.	2.9	44
88	Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations. Science Advances, 2016, 2, e1501814.	4.7	91
89	Magnetic structures and dynamics of multiferroic systems obtained with neutron scattering. Npj Quantum Materials, 2016, 1, .	1.8	45
90	The preparation and phase diagrams of (⁷Li_{1â^’x}Fe_xOD)FeSe and (Li_{1â^’x}Fe_xOH)FeSe superconductors. Journal of Materials Chemistry C, 2016, 4, 3934-3941.	2.7	31

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91	Structural and magnetic phase diagram of CrAs and its relationship with pressure-induced superconductivity. Physical Review B, 2016, 93, .	1.1	38
92	Absence of Magnetic Field Dependence of the Anomalous Bond-Stretching Phonon in YBa2Cu3O6.6. Journal of Superconductivity and Novel Magnetism, 2016, 29, 643-644.	0.8	2
93	A pathway to optimize the properties of magnetocaloric Mn2-xFexP1-yGey for magnetic refrigeration. Journal of Alloys and Compounds, 2016, 666, 108-117.	2.8	11
94	Spin waves and spatially anisotropic exchange interactions in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mr antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mrow><mml:mn>0.8</m mathvariant="normal">S</mml:mi><mml. Physical Review B, 2015, 92, .	1.1	10
95	Multiferroicity in doped hexagonal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LuFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	60
96	Neutron investigation of the magnetic scattering in an iron-based ferromagnetic superconductor. Physical Review B, 2015, 92, .	1.1	24
97	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:mn> <mml Physical Review B, 2015, 92, .	1.1	89
98	Multiferroics. Experimental Methods in the Physical Sciences, 2015, , 291-338.	0.1	1
99	Observation of drastic change of generalized phonon density-of-states in nanostructured half-Heusler using inelastic neutron scattering. Applied Physics Letters, 2015, 107, 213901.	1.5	3
100	Magnetic Structure and Exchange Interactions in Quasi-One-Dimensional MnCl₂(urea)₂. Inorganic Chemistry, 2015, 54, 11897-11905.	1.9	20
101	The effect of Al doping on the crystal structure and magnetocaloric behavior of Mn1.2Fe0.8P1â^'Ge compounds. Journal of Alloys and Compounds, 2015, 633, 120-126.	2.8	13
102	Neutron-Scattering Measurements of Spin Excitations in LaFeAsO and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>0.953</mml:mn><mml:mn><mml:mo Letters, 2015, 114, 057001.	2.9	30
103	Topological R PdBi half-Heusler semimetals: A new family of noncentrosymmetric magnetic superconductors. Science Advances, 2015, 1, e1500242.	4.7	166
104	An itinerant antiferromagnetic metal without magnetic constituents. Nature Communications, 2015, 6, 7701.	5.8	33
105	Quantum critical fluctuations in the heavy fermion compound Ce(Ni0.935Pd0.065)2Ge2. Journal of Physics Condensed Matter, 2015, 27, 015602.	0.7	4
106	Symmetry and correlations underlying hidden order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn><mml:mn></mm Physical Review B, 2015, 91, .	1.1	32
107	Chemical pressure tuning of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn><mml:mn></m isoelectronic substitution of Ru with Fe. Physical Review B, 2015, 91, .	1.1	33
108	Neutron spin resonance as a probe of superconducting gap anisotropy in partially detwinned electron underdopedNaFe0.985Co0.015As. Physical Review B, 2015, 91, .	1.1	6

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109	Spurious peaks arising from multiple scattering events involving the sample environment in inelastic neutron scattering. Journal of Applied Crystallography, 2014, 47, 1472-1476.	1.9	4
110	Neutron, electron, and x-ray scattering investigation ofCr1â^'xVxnear quantum criticality. Physical Review B, 2014, 90, .	1.1	7
111	Neutron scattering studies of the ferroelectric distortion and spin dynamics in the type-1 multiferroic perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>0.56 Physical Review B, 2014, 90, .	1.1	25
112	Origin of the charge gap in LaMnPO. Physical Review B, 2014, 90, .	1.1	18
113	Polaron mediated spin correlations in metallic and insulating<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><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:msub><mml:mi mathvariant="normal">MnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math><mml:math		

#	Article	IF	Citations
127	Coexistence of Antiferromagnetism and Superconductivity in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>s</mml:mi><mml:mo>±</mml:mo></mml:msup></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>s</mml:mi><mml:mrow><mml:mo>+</mml:mo><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> pairing symmetries by neutron spin resonance in superconducting NaFe<mml:math	1.1	45
128	Coexistence of Half-Metallic Itinerant Ferromagnetism with Local-Moment Antiferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>0.60</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mn>0.40</mml:mn></mml:msub><mml:msub><mml:mi>Mn</mml:mi><mml:mn>2</mml:mn><mml:mi>Physical Review Letters, 2013, 111, 047001.	2.9	32
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134	Interplay between the magnetic and electric degrees of freedom in multiferroic Co<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>TeO<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>. Physical Review B, 2012, 85, .	1.1	20
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