

Jeffery W Lynn

List of Publications by Year in descending order

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633
papers

28,616
citations

4960

84
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9103

144
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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 manganese. Matter, 2022, 5, 735-750.	10.0	1
2	Magnetization-driven Lifshitz transition and charge-spin coupling in the kagome metal YMn6Sn6. Communications Physics, 2022, 5, . Effect of iron vacancies on magnetic order and spin dynamics of the spin ladder	5.3	10
3	BaFe_2S_3 and BaFe_2Se_3 Incommensurate magnetic orders and topological Hall effect in the square-net centrosymmetric	3.2	3
4	EuGa_2 system. Physical Review Materials, 2022, 6, .	2.4	12
5	Charge transfer enhanced magnetic correlations in Co_3TeO_6 multiferroic. Journal of the Chinese Chemical Society, 2021, 68, 395-402.	1.4	2
6	Magnetic Scattering. , 2021, , 1-42. Dual lattice incommensurabilities and enhanced lattice perfection by low temperature thermal annealing in photoelectric		1
7	YMn_6Sn_6 Chiral properties of the zero-field spiral state and field-induced magnetic phases of the itinerant kagome metal	2.4	2
8	YMn_6Sn_6 Physical Review B, 2021, 103, .	3.2	24
9	Isotropic Nature of the Metallic Kagome Ferromagnet Fe_3Sn_2 at High Temperatures. Crystals, 2021, 11, 307.	2.2	6
10	Magnetic ordering and structural distortion in a PrFeAsO single crystal studied by neutron and x-ray scattering. Physical Review B, 2021, 103, .	3.2	1
11	Phase diagram of YbZnGaO_4 in applied magnetic field. Npj Quantum Materials, 2021, 6, .	5.2	7
12	The correlation between the covalent bonds and magnetocaloric properties of the $\text{Mn}_2\text{Fe}_x\text{PyGe}_3\text{M}_z$ compounds. Journal of Applied Physics, 2021, 130, 133901.	2.5	4
13	Field-tuned magnetic structure and phase diagram of the honeycomb magnet YbCl_3 . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	6
14	Magnetic and structural properties of the intermetallic $\text{Ce}_{1-x}\text{La}_x\text{CrGe}_3$ series of compounds. Physical Review Materials, 2021, 5, .	2.4	2
15	Universal Dynamics of Magnetic Monopoles in Two-Dimensional Kagome Ice. Journal of the Physical Society of Japan, 2021, 90, .	1.6	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.	16.7	45
18	Absence of magnetic ordering in the spin liquid candidate $\text{Ca}_3\text{Cu}_2\text{Ge}_2\text{O}_{12}$. Journal of Physics Condensed Matter, 2020, 32, 134001.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Tuning the crystalline electric field and magnetic anisotropy along the CeCuBi series. Physical Review B, 2020, 102, .	3.2	0
20	In-plane uniaxial pressure-induced out-of-plane antiferromagnetic moment and critical fluctuations in BaFe_2As_2 . Nature Communications, 2020, 11, 5728.	12.8	8
21	Evolution of the magnetic properties in the antiferromagnet Ce_2RhIn_8 simultaneously doped with Cd and Ir. Physical Review B, 2020, 102, .	3.2	0
22	Three-dimensional magnetism and the Dzyaloshinskii-Moriya interaction in $S = 3/2$ kagome staircase Co_3VO_8 . Science Advances, 2020, 6, eaay9709.	10.3	8
23	Topological Singularity Induced Chiral Kohn Anomaly in a Weyl Semimetal. Physical Review Letters, 2020, 124, 236401.	7.8	27
24	Structural, magnetic, and electronic evolution of the spin-ladder system $\text{BaFe}_2\text{S}_3\text{S}_x$ with isoelectronic substitution. Physical Review B, 2020, 101, .	3.2	6
25	Electronic and magnetic properties of stoichiometric CeAuBi_2 . Physical Review B, 2020, 101, .	3.2	5
26	Magnon profile on SrRuO_3 films studied by inelastic neutron scattering. Physical Review B, 2020, 101, .	3.2	2
27	Correlations and incipient antiferromagnetic order within the linear Mn chains of metallic Ti_4MnBi_2 . Physical Review B, 2020, 102, .	3.2	6
28	Magnetic phase transitions and spin density distribution in the molecular multiferroic system GaV_4S_8 . Physical Review B, 2020, 102, .	3.2	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, .	5.2	37
30	Nonsuperconducting electronic ground state in pressurized BaFe_2S_3 and $\text{BaFe}_2\text{S}_2.5$. Physical Review B, 2020, 102, .	3.2	8
31	Observation of a C -type short-range antiferromagnetic order in layer spacing expanded FeS . Physical Review Materials, 2020, 4, .	2.4	3
32	Long-range magnetic order in hydroxide-layer-doped $(\text{Li}_{1-x}\text{yFexMnyOD})\text{FeSe}$. Physical Review Materials, 2020, 4, .	2.4	3
33	Synthesis and characterization of bulk Nd_2O_3 and Nd_2O_2 . Physical Review Materials, 2020, 4, .	2.4	87
34	Controlling phonon lifetimes via sublattice disordering in $\text{Ag}_2\text{Bi}_2\text{S}_6$. Physical Review Materials, 2020, 4, .	2.4	0
35	Competing magnetic phases and fluctuation-driven scalar spin chirality in the kagome metal Y_6Sn_6 . Science Advances, 2020, 6, .	10.3	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 EuMn_2P_2 . Physical Review Materials, 2020, 4, .	1.6	1
38	Magnetic order and competition with superconductivity in $(\text{Ho-Er})\text{Ni}_2\text{B}_2\text{C}$. Materials Research Express, 2020, 7, 116002.	1.6	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, .	5.2	4
40	Observation of plasmon-phonons in a metamaterial superconductor using inelastic neutron scattering. Physical Review B, 2019, 100, .	3.2	4
41	Spin rotation induced by applied pressure in the Cd-doped CeMn_2P_2 intermetallic compound. Physical Review B, 2019, 100, .	3.2	4
42	Orbital-selective Kondo lattice and enigmatic f electrons emerging from inside the antiferromagnetic phase of a heavy fermion. Science Advances, 2019, 5, eaaw9061.	10.3	22
43	Response to comment on "Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations". Science Advances, 2019, 5, eaaw4367.	10.3	1
44	Magnetic-field effects on the fragile antiferromagnetism in YbBiPt . Physical Review B, 2019, 99, .	3.2	4
45	Singular angular magnetoresistance in a magnetic nodal semimetal. Science, 2019, 365, 377-381.	12.6	69
46	Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in YFeF_6 . Physical Review Letters, 2019, 122, 217003.	7.8	6
47	Intrinsic anharmonic localization in thermoelectric PbSe . Nature Communications, 2019, 10, 1928.	12.8	51
48	Damping and softening of transverse acoustic phonons in colossal magnetoresistive $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and LaMnO_3 . Physical Review B, 2019, 99, .	3.2	5
49	High temperature singlet-based magnetism from Hund's rule correlations. Nature Communications, 2019, 10, 644.	12.8	12
50	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	3.2	9
51	Extremely space and time restricted thermal transport in the high temperature Cmcm phase of thermoelectric SnSe . Materials Today Physics, 2019, 11, 100171.	6.0	11
52	Spin correlations of quantum spin liquid and quadrupole-ordered states of TbMn_2O_7 . Physical Review B, 2019, 99, .	3.2	9
53	Tunable multiferroic order parameters in CuMnS_2 . Physical Review B, 2019, 99, .	2.4	5
54	Spin correlations of quantum spin liquid and quadrupole-ordered states of SrMn_2O_7 . Physical Review B, 2019, 99, .	3.2	9

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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.	0.1	0
56	Spin correlations of quantum spin liquid and quadrupole-ordered states of Tb Ti O. Physical Review B, 2019, 99, .	3.2	0
57	Tunable multiferroic order parameters in Sr- Ba Mn- Ti O. Physical Review Materials, 2019, 3, .	2.4	0
58	Band Jahn-Teller structural phase transition in Y2In. Physical Review B, 2018, 97, .	3.2	0
59	Noncentrosymmetric superconductor BeAu. Physical Review B, 2018, 97, .	3.2	33
60	Tuning the magnetic ground state of CeMn_2Si_2 by Yb valence fluctuations. Physical Review B, 2018, 98, .	3.2	0
61	Spin waves across three-dimensional, close-packed nanoparticles. New Journal of Physics, 2018, 20, 123020.	2.9	6
62	Thermal evolution of quasi-one-dimensional spin correlations within the anisotropic triangular lattice of NaMnO_2 . Physical Review B, 2018, 98, .	3.2	10
63	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice YbRh_2Si_2 . Physical Review X, 2018, 8, .	8.9	12
64	Super Charge Separation and High Voltage Phase in NaMnO_2 . Advanced Functional Materials, 2018, 28, 1805105.	14.9	33
65	Suppression of antiferromagnetic spin fluctuations in superconducting $\text{Cr}_0.8\text{Ru}_0.2$. Physical Review B, 2018, 98, .	3.2	2
66	International Workshop on Utilization of Research Reactors, São Paulo, Brazil. Neutron News, 2018, 29, 2-3.	0.2	0
67	Carrier density control of magnetism and Berry phases in doped EuTiO_3 . APL Materials, 2018, 6, .	5.1	24
68	Reversible Flat to Rippling Phase Transition in Fe Containing Layered Battery Electrode Materials. Advanced Functional Materials, 2018, 28, 1803896.	14.9	18
69	Amplitude mode in the planar triangular antiferromagnet $\text{Na}_0.9\text{MnO}_2$. Nature Communications, 2018, 9, 2188.	12.8	13
70	Reversible Flat to Rippling Phase Transition in Fe Containing Layered Battery Electrode Materials. Advanced Functional Materials, 2018, 28, .	14.9	0
71	Super Charge Separation and High Voltage Phase in NaMnO_2 . Advanced Functional Materials, 2018, 28, .	14.9	1
72	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in BaFe_2As_2 .		

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73	Magnetism and site exchange in CuFeAs and CuFeSb: A microscopic and theoretical investigation. Physical Review B, 2017, 95, .	3.2	1
74	Floating zone growth of $\hat{\pm}$ -Na _{0.90} MnO ₂ single crystals. Journal of Crystal Growth, 2017, 459, 203-208.	1.5	6
75	Spin wave damping arising from phase coexistence below T_c in colossal magnetoresistive $R_{1-x}La_x$ manganites. Physical Review B, 2017, 96, .	3.2	9
76	Complex magnetic incommensurability and electronic charge transfer through the ferroelectric transition in multiferroic Co ₃ TeO ₆ . Scientific Reports, 2017, 7, 6437.	3.3	11
77	Quantum critical point in the Sc-doped itinerant antiferromagnet TiAu. Physical Review B, 2017, 95, .	3.2	8
78	Magnetic structures of rare earth intermetallic compounds RCuAs ₂ (R=Pr, Nd, Tb, Dy, Ho, and Yb). Journal of Physics and Chemistry of Solids, 2017, 111, 1-7.	4.0	5
79	Spin excitations and the Fermi surface of superconducting FeS. Npj Quantum Materials, 2017, 2, .	5.2	14
80	Phase diagram of $\hat{\pm}$ in an in-plane magnetic field. Physical Review B, 2017, 95, .	3.2	5
81	The 8th American Conference on Neutron Scattering. Neutron News, 2016, 27, 4-10.	0.2	0
82	Distinct magnetic spectra in the hidden order and antiferromagnetic phases in URu ₂ P ₂ O ₇ . Physical Review B, 2016, 94, .	3.2	11
83	Large anomalous Hall effect in a half-Heusler antiferromagnet. Nature Physics, 2016, 12, 1119-1123.	16.7	232
84	Magnetic structure of Yb ₂ Si ₂ Te ₅ showing Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	3.2	11
85	Spin dynamics and two-dimensional correlations in the fcc antiferromagnetic Sr ₂ VO ₄ . Physical Review B, 2016, 93, .	3.2	11
86	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. Physical Review Letters, 2016, 116, 197004.	7.8	19
87	Quadrupole Order in the Frustrated Pyrochlore Tb ₂ Ti ₂ O ₇ . Physical Review Letters, 2016, 116, 217201.	7.8	19
88	Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations. Science Advances, 2016, 2, e1501814.	10.3	91
89	Magnetic structures and dynamics of multiferroic systems obtained with neutron scattering. Npj Quantum Materials, 2016, 1, .	5.2	45
90	The preparation and phase diagrams of (Li _{1-x} Fe _x OD)FeSe and (Li _{1-x} Fe _x OH)FeSe superconductors. Journal of Materials Chemistry C, 2016, 4, 3934-3941.	5.5	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, .	3.2	38
92	Absence of Magnetic Field Dependence of the Anomalous Bond-Stretching Phonon in YBa ₂ Cu ₃ O _{6.6} . Journal of Superconductivity and Novel Magnetism, 2016, 29, 643-644.	1.8	2
93	A pathway to optimize the properties of magnetocaloric Mn _{2-x} FexP _{1-y} Gey for magnetic refrigeration. Journal of Alloys and Compounds, 2016, 666, 108-117.	5.5	11
94	Spin waves and spatially anisotropic exchange interactions in the antiferromagnet $S_{2-x}Rb_{0.8x}$. Physical Review B, 2015, 92, .	3.2	10
95	Multiferroicity in doped hexagonal LuFe ₃ O ₃ . Physical Review B, 2015, 92, .	3.2	60
96	Neutron investigation of the magnetic scattering in an iron-based ferromagnetic superconductor. Physical Review B, 2015, 92, .	3.2	24
97	Influence of electron doping on the ground state of $S_{2-x}Rb_x$. Physical Review B, 2015, 92, .	3.2	10
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.	3.3	3
100	Magnetic Structure and Exchange Interactions in Quasi-One-Dimensional MnCl ₂ (urea) ₂ . Inorganic Chemistry, 2015, 54, 11897-11905.	4.0	20
101	The effect of Al doping on the crystal structure and magnetocaloric behavior of Mn _{1.2} Fe _{0.8} P _{1.2} Ge compounds. Journal of Alloys and Compounds, 2015, 633, 120-126.	5.5	13
102	Neutron-Scattering Measurements of Spin Excitations in LaFeAsO and $Ba_{1-x}Fe_x$. Applied Physics Letters, 2015, 114, 057001.	7.8	30
103	Topological <i>Ri</i> PdBi half-Heusler semimetals: A new family of noncentrosymmetric magnetic superconductors. Science Advances, 2015, 1, e1500242.	10.3	166
104	An itinerant antiferromagnetic metal without magnetic constituents. Nature Communications, 2015, 6, 7701.	12.8	33
105	Quantum critical fluctuations in the heavy fermion compound Ce(Ni _{0.935} Pd _{0.065}) ₂ Ge ₂ . Journal of Physics Condensed Matter, 2015, 27, 015602.	1.8	4
106	Symmetry and correlations underlying hidden order in $URu_{2-x}Mn_x$. Physical Review B, 2015, 91, .	3.2	32
107	Chemical pressure tuning of $URu_{2-x}Mn_x$ isolectronic substitution of Ru with Fe. Physical Review B, 2015, 91, .	3.2	32
108	Neutron spin resonance as a probe of superconducting gap anisotropy in partially detwinned electron underdoped NaFe _{0.985} Co _{0.015} As. Physical Review B, 2015, 91, .	3.2	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.	4.5	4
110	Neutron, electron, and x-ray scattering investigation of Cr $1-x$ V x near quantum criticality. Physical Review B, 2014, 90, .	3.2	7
111	Neutron scattering studies of the ferroelectric distortion and spin dynamics in the type-1 multiferroic perovskite Physical Review B, 2014, 90, .	3.2	25
112	Origin of the charge gap in LaMnPO. Physical Review B, 2014, 90, .	3.2	18
113	Polaron-mediated spin correlations in metallic and insulating La $_{1-x}$ MnO $_3$		

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127	Pairing symmetries by neutron spin resonance in superconducting NaFe _{1-x} Co _x As. <i>Physical Review Letters</i> , 2013, 111, 047001. http://www.w3.org/1998/Math/MathML	3.2	45
128	Coexistence of Half-Metallic Itinerant Ferromagnetism with Local-Moment Antiferromagnetism in Ba _{1-x} K _x Mn ₂ As ₂ . <i>Physical Review Letters</i> , 2013, 111, 047001. http://www.w3.org/1998/Math/MathML	1.8	32
129	Physical Review Letters, 2013, 111, 047001. http://www.w3.org/1998/Math/MathML	3.2	33
130	Magnetic structure and lattice contraction in Mn ₃ NiN. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	32
131	Multiple magnetic structures of correlated Ce ions in intermetallic CeAu ₂ Ge. <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	9
132	Tuning magnetism in FeAs-based materials via a tetrahedral structure. <i>Physical Review B</i> , 2012, 86, .	3.2	14
133	Structural collapse and superconductivity in rare-earth-doped CaFe ₂ As ₂ . <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	145
134	Interplay between the magnetic and electric degrees of freedom in multiferroic Co ₃ TeO ₆ . <i>Physical Review B</i> , 2012, 85, . http://www.w3.org/1998/Math/MathML	3.2	20
135	From antiferromagnetic insulator to correlated metal in pressurized and doped LaMnPO. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1815-9.	7.1	53
136	Quantum spin fluctuations in the spin-liquid state of Tb ₂ Ti ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 052201.	1.8	42
137	Double-Focusing Thermal Triple-Axis Spectrometer at the NCNR. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2012, 117, 60.	1.2	107
138	Coexistence and Competition of the Short-Range Incommensurate Antiferromagnetic Order with the Superconducting State of BaFe ₂ X ₂ . <i>Physical Review Letters</i> , 2012, 108, 247002.	7.8	88
139	Magnetic phase diagram of magnetoelectric LiMnPO. <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	47
140	Tuning the range, magnitude, and sign of the thermal expansion in intermetallic Mn ₃ (Zn,Tj)ETQqO ₀ rgBT /Overlock 10 Tf 50 227 Td. <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	145
141	Evolution of the commensurate and incommensurate magnetic phases of the S _{3/2} Kagome staircase Co ₃ V ₂ O ₈ in an applied field. <i>Journal of Physics</i>	1.8	9
142	Paramagnetic spin correlations in colossal magnetoresistive La _{1-x} Mn _x O ₃ . <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	6
143	arsenide superconductor Ba _{1-x} Fe _x As ₂ . <i>Physical Review B</i> , 2012, 86, . http://www.w3.org/1998/Math/MathML	3.2	30
144	Field-induced quantum fluctuations in the heavy fermion superconductor CeCu ₂ Ge ₂ . <i>Scientific Reports</i> , 2011, 1, 117.	3.3	24

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145	Spin excitations in the frustrated spinel GeCo_2 . <i>Physical Review B</i> , 2011, 83, 041101.	3.2	35
146	Neutron Diffraction Study of the Mn Spin Correlations in $\text{Bi}_{0.46}\text{Ca}_{0.54}\text{Mn}_{0.95}\text{Cr}_{0.05}\text{O}_3$. <i>Journal of the Physical Society of Japan</i> , 2011, 80, SB013.	1.6	0
147	Quantum critical behavior in the heavy Fermion single crystal $\text{Ce}(\text{Ni}_{0.935}\text{Pd}_{0.065})_2\text{Ge}_2$. <i>Journal of Physics: Conference Series</i> , 2011, 273, 012018.	0.4	0
148	Soft phonons and structural phase transition in superconducting $\text{Ba}_{0.59}\text{K}_{0.41}\text{BiO}_3$. <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 303-307.	1.2	5
149	Neutron Scattering Studies of spin excitations in hole-doped $\text{Ba}_{0.67}\text{K}_{0.33}\text{Fe}_2\text{As}_2$ superconductor. <i>Scientific Reports</i> , 2011, 1, 115.	3.3	72
150	Response of Acoustic Phonons to Charge and Orbital Order in the 50% Doped Bilayer Manganite $\text{LaSr}_2\text{Mn}_2\text{O}_7$. <i>Physical Review Letters</i> , 2011, 107, 207202.	7.8	9
151	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. <i>Physical Review B</i> , 2011, 83, .	3.2	50
152	Magnetic field tuning of antiferromagnetic YbPt_3 . <i>Physical Review B</i> , 2011, 84, .	3.2	13
153	Antiferromagnetic spin excitations in single crystals of nonsuperconducting $\text{Li}_{1-x}\text{FeAs}$. <i>Physical Review B</i> , 2011, 83, .	3.2	30
154	HfFeGa_2 and HfMnGa_2 : Transition-metal-based itinerant ferromagnets with low Curie temperatures. <i>Physical Review B</i> , 2011, 83, .	3.2	4
155	Coupling of field-induced spin fluctuations and spin-density wave in intermetallic CeAgGe_2 . <i>Physical Review B</i> , 2011, 84, .	3.2	8
156	Common origin of the two types of magnetic fluctuations in iron chalcogenides. <i>Physical Review B</i> , 2011, 84, .	3.2	15
157	Antiferromagnetic order and superlattice structure in nonsuperconducting and superconducting RbFe_2Se_2 . <i>Physical Review B</i> , 2011, 83, .	3.2	54
158	Nitrogen contamination in elastic neutron scattering. <i>Measurement Science and Technology</i> , 2011, 22, 047001.	2.6	2
159	Neutron diffraction study of the magnetic refrigerant $\text{Mn}_{1.1}\text{Fe}_{0.9}\text{P}_{0.76}\text{Ge}_{0.24}$. <i>Powder Diffraction</i> , 2010, 25, S25-S27.	0.2	7
160	Low-temperature neutron diffraction study of the crystal and magnetic phase transitions in DyCrO_4 . <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1912-1916.	2.3	19
161	Neutron Scattering Studies of LiCoPO_4 & LiMnPO_4 . <i>Journal of Physics: Conference Series</i> , 2010, 251, 012005.	0.4	12
162	Electron-doping evolution of the low-energy spin excitations in the iron arsenide superconductor BaFe_2As_2 . <i>Physical Review B</i> , 2010, 81, .	3.2	73

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163	Antiferromagnetic critical pressure in URu_2Si_2 under hydrostatic conditions. Physical Review B, 2010, 82, .	3.2	5
164	Absence of the hyperfine magnetic field at the Ru site in ferromagnetic rare-earth intermetallics. Physical Review B, 2010, 81, .	3.2	2
165	Doping dependence of spin dynamics in electron-doped BaFe_2As_2 . Physical Review B, 2010, 82, .	3.2	38
166	Determination of the magnetic structure of $\text{Yb}_3\text{Fe}_7\text{Si}_7$ antiferromagnet. Physical Review B, 2010, 81, .	3.2	7
167	Lattice Distortion and Magnetic Quantum Phase Transition in CeFeAs . Physical Review Letters, 2010, 104, 017204.	7.0	13
168	Magnetic form factor of SrFe_2As_2 : Neutron diffraction measurements. Physical Review B, 2010, 81, .	3.2	11
169	Cd doping effects in the heavy-fermion compounds CeFeAs .		

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181	Temperature, magnetic field, and pressure dependence of the crystal and magnetic structures of the magnetocaloric compound		

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199	Crossover from incommensurate to commensurate magnetic orderings in CoCr_2O_4 . Journal of Physics Condensed Matter, 2009, 21, 456008.	1.8	34
200	Intrinsic localized modes observed in the high-temperature vibrational spectrum of NaI. Physical Review B, 2009, 79, .	3.2	103
201	Electronic Self-Organization in the Single-Layer Manganite $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_4$. Physical Review Letters, 2009, 103, 167202.	7.8	10
202	Neutron diffraction in a model itinerant metal near a quantum critical point. Journal of Physics: Conference Series, 2009, 150, 042189.	0.4	0
203	Magnetic excitations in triangular lattice NaCrO_2 . Journal of Physics and Chemistry of Solids, 2008, 69, 3174-3175.	4.0	18
204	Unconventional spin order in the triangular lattice system NaCrO_2 : A neutron scattering study. Physica B: Condensed Matter, 2008, 403, 1341-1343.	2.7	24
205	The pressure effect on the magnetic commensurability and ferroelectricity in multiferroic. Physica B: Condensed Matter, 2008, 403, 1359-1361.	2.7	9
206	Neutron powder diffraction study of the magnetic and crystal structures of $\text{SrFe}_2(\text{PO}_4)_2$. Journal of Solid State Chemistry, 2008, 181, 2292-2297.	2.9	7
207	Magnetic order close to superconductivity in the iron-based layered $\text{LaO}_{1-x}\text{FeAs}$ systems. Nature, 2008, 453, 899-902.	27.8	1,725
208	Structural and magnetic phase diagram of $\text{CeFeAsO}_{1-x}\text{F}_x$ and its relation to high-temperature superconductivity. Nature Materials, 2008, 7, 953-959.	27.5	706
209	Neutron-Diffraction Measurements of Magnetic Order and a Structural Transition in the Parent BaFe_2As_2 Crystal Structure and Antiferromagnetic Order in NdFeAsO . Physical Review Letters, 2008, 101, 257003.	7.8	730
210			

#	ARTICLE	IF	CITATIONS
217	Intrinsic properties of stoichiometric LaFePO. Physical Review B, 2008, 78, .	3.2	102
218	MACSâ€”a new high intensity cold neutron spectrometer at NIST. Measurement Science and Technology, 2008, 19, 034023.	2.6	98
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