

Jeffery W Lynn

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

604
papers

25,672
citations

80
h-index

136
g-index

653
ext. papers

27,240
ext. citations

4.6
avg, IF

6.38
L-index

#	Paper	IF	Citations
604	Dynamically preferred state with strong electronic fluctuations from electrochemical synthesis of sodium manganate. <i>Matter</i> , 2022 , 5, 735-750	12.7	
603	Magnetic Scattering 2021 , 1255-1296		
602	Field-tuned magnetic structure and phase diagram of the honeycomb magnet YbCl ₃ . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021 , 64, 1	3.6	0
601	Chiral properties of the zero-field spiral state and field-induced magnetic phases of the itinerant kagome metal YMn ₆ Sn ₆ . <i>Physical Review B</i> , 2021 , 103,	3.3	3
600	Isotropic Nature of the Metallic Kagome Ferromagnet Fe ₃ Sn ₂ at High Temperatures. <i>Crystals</i> , 2021 , 11, 307	2.3	1
599	Charge transfer enhanced magnetic correlations in type-II multiferroic Co ₃ TeO ₆ . <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 395-402	1.5	
598	Magnetic Scattering 2021 , 1-42		
597	Phase diagram of YbZnGaO ₄ in applied magnetic field. <i>Npj Quantum Materials</i> , 2021 , 6,	5	1
596	The correlation between the covalent bonds and magnetocaloric properties of the Mn ₂ Fe _x PyGe _{1-x} Mz compounds. <i>Journal of Applied Physics</i> , 2021 , 130, 133901	2.5	1
595	Three-dimensional magnetism and the Dzyaloshinskii-Moriya interaction in $\sqrt{3}/2$ kagome staircase CoVO. <i>Science Advances</i> , 2020 , 6, eaay9709	14.3	2
594	Topological Singularity Induced Chiral Kohn Anomaly in a Weyl Semimetal. <i>Physical Review Letters</i> , 2020 , 124, 236401	7.4	10
593	Structural, magnetic, and electronic evolution of the spin-ladder system BaFeS ₂ Se with isoelectronic substitution. <i>Physical Review B</i> , 2020 , 101,	3.3	3
592	Electronic and magnetic properties of stoichiometric CeAuBi. <i>Physical Review B</i> , 2020 , 101,	3.3	2
591	Magnon profile on SrRuO ₃ films studied by inelastic neutron scattering. <i>Physical Review B</i> , 2020 , 101,	3.3	1
590	Correlations and incipient antiferromagnetic order within the linear Mn chains of metallic TiMnBi. <i>Physical Review B</i> , 2020 , 102,	3.3	1
589	Magnetic phase transitions and spin density distribution in the molecular multiferroic system GaV ₄ S ₈ . <i>Physical Review B</i> , 2020 , 102,	3.3	4
588	Nonsuperconducting electronic ground state in pressurized BaFe ₂ S ₃ and BaFe ₂ S _{2.5} Se _{0.5} . <i>Physical Review B</i> , 2020 , 101,	3.3	2

587	Observation of a -type short-range antiferromagnetic order in layer spacing expanded FeS. <i>Physical Review Materials</i> , 2020 , 4,	3.2	1
586	Long-range magnetic order in hydroxide-layer-doped (Li Fe Mn OD)FeSe. <i>Physical Review Materials</i> , 2020 , 4,	3.2	1
585	Synthesis and characterization of bulk Nd Sr NiO and Nd Sr NiO. <i>Physical Review Materials</i> , 2020 , 4,	3.2	47
584	Controlling phonon lifetimes via sublattice disordering in AgBiSe ₂ . <i>Physical Review Materials</i> , 2020 , 4,	3.2	3
583	Competing magnetic phases and fluctuation-driven scalar spin chirality in the kagome metal YMnSn. <i>Science Advances</i> , 2020 , 6,	14.3	21
582	Magnetic order and competition with superconductivity in (Ho-Er)Ni ₂ B ₂ C. <i>Materials Research Express</i> , 2020 , 7, 116002	1.7	
581	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. <i>Npj Quantum Materials</i> , 2020 , 5,	5	3
580	Correlating magnetic structure and magnetotransport in semimetal thin films of Eu Sm TiO. <i>Physical Review Materials</i> , 2020 , 4,	3.2	2
579	Sixfold enhancement of superconductivity in a tunable electronic nematic system. <i>Nature Physics</i> , 2020 , 16, 346-350	16.2	15
578	Absence of magnetic ordering in the spin liquid candidate CaCuGeVO. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 134001	1.8	1
577	In-plane uniaxial pressure-induced out-of-plane antiferromagnetic moment and critical fluctuations in BaFeAs. <i>Nature Communications</i> , 2020 , 11, 5728	17.4	2
576	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. <i>Npj Quantum Materials</i> , 2020 , 5,	5	16
575	Orbital-selective Kondo lattice and enigmatic electrons emerging from inside the antiferromagnetic phase of a heavy fermion. <i>Science Advances</i> , 2019 , 5, eaaw9061	14.3	6
574	Response to comment on "Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations". <i>Science Advances</i> , 2019 , 5, eaaw4367	14.3	0
573	Singular angular magnetoresistance in a magnetic nodal semimetal. <i>Science</i> , 2019 , 365, 377-381	33.3	41
572	Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in YFe ₂ Ge ₂ . <i>Physical Review Letters</i> , 2019 , 122, 217003	7.4	2
571	Intrinsic anharmonic localization in thermoelectric PbSe. <i>Nature Communications</i> , 2019 , 10, 1928	17.4	34
570	Damping and softening of transverse acoustic phonons in colossal magnetoresistive La _{0.7} Ca _{0.3} MnO ₃ and La _{0.7} Sr _{0.3} MnO ₃ . <i>Physical Review B</i> , 2019 , 99,	3.3	3

569	High temperature singlet-based magnetism from Hund's rule correlations. <i>Nature Communications</i> , 2019 , 10, 644	17.4	4
568	Low-carrier density and fragile magnetism in a Kondo lattice system. <i>Physical Review B</i> , 2019 , 99,	3.3	3
567	Observation of plasmon-phonons in a metamaterial superconductor using inelastic neutron scattering. <i>Physical Review B</i> , 2019 , 100,	3.3	2
566	Magnetic order effects on the electronic structure of $KMMnS_2$ ($M=Cu, Li$) with the $ThCr_2Si_2$ -type structure. <i>Physical Review Materials</i> , 2019 , 3,	3.2	1
565	Tunable multiferroic order parameters in $Sr_{1-x}Ba_xMn_{1-y}Ti_yO_3$. <i>Physical Review Materials</i> , 2019 , 3,	3.2	3
564	Extremely space and time restricted thermal transport in the high temperature $Cmcm$ phase of thermoelectric $SnSe$. <i>Materials Today Physics</i> , 2019 , 11, 100171	8	6
563	Spin correlations of quantum spin liquid and quadrupole-ordered states of $Tb_{2+x}Ti_2O_{7+y}$. <i>Physical Review B</i> , 2019 , 99,	3.3	3
562	Noncentrosymmetric superconductor $BeAu$. <i>Physical Review B</i> , 2018 , 97,	3.3	23
561	Reversible Flat to Rippling Phase Transition in Fe Containing Layered Battery Electrode Materials. <i>Advanced Functional Materials</i> , 2018 , 28, 1803896	15.6	12
560	Amplitude mode in the planar triangular antiferromagnet $NaMnO$. <i>Nature Communications</i> , 2018 , 9, 21887.4	11	
559	Super Charge Separation and High Voltage Phase in $NaMnO$. <i>Advanced Functional Materials</i> , 2018 , 28,	15.6	1
558	Spin waves across three-dimensional, close-packed nanoparticles. <i>New Journal of Physics</i> , 2018 , 20, 123020	3	
557	Thermal evolution of quasi-one-dimensional spin correlations within the anisotropic triangular lattice of $\square NaMnO_2$. <i>Physical Review B</i> , 2018 , 98,	3.3	9
556	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice $YbRh_3Si_7$. <i>Physical Review X</i> , 2018 , 8,	9.1	4
555	Super Charge Separation and High Voltage Phase in $NaxMnO_2$. <i>Advanced Functional Materials</i> , 2018 , 28, 1805105	15.6	23
554	International Workshop on Utilization of Research Reactors, S̃ Paulo, Brazil. <i>Neutron News</i> , 2018 , 29, 2-3	0.4	
553	Carrier density control of magnetism and Berry phases in doped $EuTiO_3$. <i>APL Materials</i> , 2018 , 6, 056105	5.7	18
552	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in $BaFe_2TxAs_2$ ($T=Co, Ni$). <i>Physical Review B</i> , 2017 , 95,	3.3	20

551	Floating zone growth of $\text{Bi-Na}_{0.90}\text{MnO}_2$ single crystals. <i>Journal of Crystal Growth</i> , 2017 , 459, 203-208	1.6	4
550	Spin wave damping arising from phase coexistence below T_c in colossal magnetoresistive $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. <i>Physical Review B</i> , 2017 , 96,	3.3	5
549	Complex magnetic incommensurability and electronic charge transfer through the ferroelectric transition in multiferroic CoTeO . <i>Scientific Reports</i> , 2017 , 7, 6437	4.9	8
548	Quantum critical point in the Sc-doped itinerant antiferromagnet TiAu . <i>Physical Review B</i> , 2017 , 95,	3.3	5
547	Magnetic structures of rare earth intermetallic compounds RCuAs_2 ($R = \text{Pr, Nd, Tb, Dy, Ho, and Yb}$). <i>Journal of Physics and Chemistry of Solids</i> , 2017 , 111, 1-7	3.9	4
546	Spin excitations and the Fermi surface of superconducting FeS . <i>Npj Quantum Materials</i> , 2017 , 2,	5	13
545	Phase diagram of BiRuCl_3 in an in-plane magnetic field. <i>Physical Review B</i> , 2017 , 95,	3.3	114
544	Large anomalous Hall effect in a half-Heusler antiferromagnet. <i>Nature Physics</i> , 2016 , 12, 1119-1123	16.2	150
543	Magnetic structure of $\text{Yb}_2\text{Pt}_2\text{Pb}$: Ising moments on the Shastry-Sutherland lattice. <i>Physical Review B</i> , 2016 , 93,	3.3	11
542	Spin dynamics and two-dimensional correlations in the fcc antiferromagnetic Sr_2YRuO_6 . <i>Physical Review B</i> , 2016 , 93,	3.3	9
541	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. <i>Physical Review Letters</i> , 2016 , 116, 197004	7.4	17
540	Quadrupole Order in the Frustrated Pyrochlore $\text{Tb}_{2+x}\text{Ti}_{2-x}\text{O}_{7+y}$. <i>Physical Review Letters</i> , 2016 , 116, 217201	7.4	30
539	Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations. <i>Science Advances</i> , 2016 , 2, e1501814	14.3	61
538	Magnetic structures and dynamics of multiferroic systems obtained with neutron scattering. <i>Npj Quantum Materials</i> , 2016 , 1,	5	38
537	The preparation and phase diagrams of $(7\text{Li}_{1-x}\text{FexOD})\text{FeSe}$ and $(\text{Li}_{1-x}\text{FexOH})\text{FeSe}$ superconductors. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3934-3941	7.1	28
536	Structural and magnetic phase diagram of CrAs and its relationship with pressure-induced superconductivity. <i>Physical Review B</i> , 2016 , 93,	3.3	27
535	Absence of Magnetic Field Dependence of the Anomalous Bond-Stretching Phonon in $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016 , 29, 643-644	1.5	2
534	A pathway to optimize the properties of magnetocaloric $\text{Mn}_{2-x}\text{FexP}_{1-y}\text{Ge}_y$ for magnetic refrigeration. <i>Journal of Alloys and Compounds</i> , 2016 , 666, 108-117	5.7	9

533	The 8th American Conference on Neutron Scattering. <i>Neutron News</i> , 2016 , 27, 4-10	0.4	
532	Distinct magnetic spectra in the hidden order and antiferromagnetic phases in URu ₂ FeSi ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	8
531	Topological RPdBi half-Heusler semimetals: A new family of noncentrosymmetric magnetic superconductors. <i>Science Advances</i> , 2015 , 1, e1500242	14.3	111
530	An itinerant antiferromagnetic metal without magnetic constituents. <i>Nature Communications</i> , 2015 , 6, 7701	17.4	24
529	Quantum critical fluctuations in the heavy fermion compound Ce(Ni _{0.935} Pd _{0.065})Te. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 015602	1.8	2
528	Symmetry and correlations underlying hidden order in URu ₂ Si ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	25
527	Chemical pressure tuning of URu ₂ Si ₂ via isoelectronic substitution of Ru with Fe. <i>Physical Review B</i> , 2015 , 91,	3.3	21
526	Neutron spin resonance as a probe of superconducting gap anisotropy in partially detwinned electron underdoped NaFe _{0.985} Co _{0.015} As. <i>Physical Review B</i> , 2015 , 91,	3.3	6
525	Spin waves and spatially anisotropic exchange interactions in the S=2 stripe antiferromagnet Rb _{0.8} Fe _{1.5} Si ₂ . <i>Physical Review B</i> , 2015 , 92,	3.3	9
524	Multiferroicity in doped hexagonal LuFeO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	41
523	Neutron investigation of the magnetic scattering in an iron-based ferromagnetic superconductor. <i>Physical Review B</i> , 2015 , 92,	3.3	21
522	Influence of electron doping on the ground state of (Sr _{1-x} Lax) ₂ IrO ₄ . <i>Physical Review B</i> , 2015 , 92,	3.3	66
521	Multiferroics. <i>Experimental Methods in the Physical Sciences</i> , 2015 , 291-338	0.4	
520	Observation of drastic change of generalized phonon density-of-states in nanostructured half-Heusler using inelastic neutron scattering. <i>Applied Physics Letters</i> , 2015 , 107, 213901	3.4	2
519	Magnetic Structure and Exchange Interactions in Quasi-One-Dimensional MnCl ₂ (urea) ₂ . <i>Inorganic Chemistry</i> , 2015 , 54, 11897-905	5.1	16
518	The effect of Al doping on the crystal structure and magnetocaloric behavior of Mn _{1.2} Fe _{0.8} P _{1-x} Te compounds. <i>Journal of Alloys and Compounds</i> , 2015 , 633, 120-126	5.7	11
517	Neutron-scattering measurements of spin excitations in LaFeAsO and Ba(Fe _{0.953} Co _{0.047}) ₂ As ₂ : evidence for a sharp enhancement of spin fluctuations by nematic order. <i>Physical Review Letters</i> , 2015 , 114, 057001	7.4	26
516	Phonon localization drives polar nanoregions in a relaxor ferroelectric. <i>Nature Communications</i> , 2014 , 5, 3683	17.4	80

515	Direct visualization of the Jahn-Teller effect coupled to Na ordering in Na _{5/8} MnO ₂ . <i>Nature Materials</i> , 2014 , 13, 586-92	27	191
514	Segregation of antiferromagnetism and high-temperature superconductivity in Ca _{1-x} La _x Fe ₂ As ₂ . <i>Physical Review B</i> , 2014 , 89,	3-3	15
513	Relationship between spin ordering, entropy, and anomalous lattice variation in Mn ₃ Sn(1-x)Bi(x) compounds. <i>Inorganic Chemistry</i> , 2014 , 53, 2317-24	5-1	14
512	Spurious peaks arising from multiple scattering events involving the sample environment in inelastic neutron scattering. <i>Journal of Applied Crystallography</i> , 2014 , 47, 1472-1476	3-8	4
511	Neutron, electron, and x-ray scattering investigation of Cr _{1-x} V _x near quantum criticality. <i>Physical Review B</i> , 2014 , 90,	3-3	6
510	Neutron scattering studies of the ferroelectric distortion and spin dynamics in the type-1 multiferroic perovskite Sr _{0.56} Ba _{0.44} MnO ₃ . <i>Physical Review B</i> , 2014 , 90,	3-3	23
509	Origin of the charge gap in LaMnPO. <i>Physical Review B</i> , 2014 , 90,	3-3	14
508	Polaron-mediated spin correlations in metallic and insulating La _{1-x} A _x MnO ₃ (A=Ca,Sr,orBa). <i>Physical Review B</i> , 2014 , 90,	3-3	7
507	Fragile antiferromagnetism in the heavy-fermion compound YbBiPt. <i>Physical Review B</i> , 2014 , 89,	3-3	12
506	Carrier localization and electronic phase separation in a doped spin-orbit-driven Mott phase in Sr _{1-x} Ru _x O ₂ . <i>Nature Communications</i> , 2014 , 5, 3377	17-4	34
505	Structure evolution and entropy change of temperature and magnetic field induced magneto-structural transition in Mn _{1.1} Fe _{0.9} P _{0.76} Ge _{0.24} . <i>Journal of Applied Physics</i> , 2013 , 113, 043925	2-5	10
504	Two-dimensional magnetic correlations and partial long-range order in geometrically frustrated Sr ₂ YRuO ₆ . <i>Physical Review Letters</i> , 2013 , 110, 017202	7-4	45
503	Mn(dca) ₂ (o-phen) {dca=dicyanamide; o-phen=1,10-phenanthroline}: Long-range magnetic order in a low-dimensional Mn-dca polymer. <i>Polyhedron</i> , 2013 , 52, 679-688	2-7	6
502	Magnetic neutron diffraction study of Ba(Fe _{1-x} Co _x) ₂ As ₂ critical exponents through the tricritical doping. <i>Physical Review B</i> , 2013 , 87,	3-3	12
501	Giant magnetic fluctuations at the critical endpoint in insulating HoMnO ₃ . <i>Physical Review Letters</i> , 2013 , 110, 157202	7-4	10
500	Complex magnetic couplings in Co ₃ TeO ₆ . <i>Physical Review B</i> , 2013 , 88,	3-3	23
499	Absence of a static in-plane magnetic moment in the hidden-order phase of URu ₂ Si ₂ . <i>New Journal of Physics</i> , 2013 , 15, 053031	2-9	20
498	Distinguishing s ⁻ and s ⁺⁺ electron pairing symmetries by neutron spin resonance in superconducting NaFe _{0.935} Co _{0.045} As. <i>Physical Review B</i> , 2013 , 88,	3-3	42

497	Coexistence of half-metallic itinerant ferromagnetism with local-moment antiferromagnetism in Ba _{0.60} K _{0.40} Mn ₂ As ₂ . <i>Physical Review Letters</i> , 2013 , 111, 047001	7.4	26
496	Uniaxial pressure effect on structural and magnetic phase transitions in NaFeAs and its comparison with as-grown and annealed BaFe ₂ As ₂ . <i>Physical Review B</i> , 2013 , 87,	3.3	30
495	Magnetic structure and lattice contraction in Mn ₃ NiN. <i>Journal of Applied Physics</i> , 2013 , 114, 123902	2.5	24
494	Coexistence and competition of the short-range incommensurate antiferromagnetic order with the superconducting state of BaFe(2-x)Ni(x)As ₂ . <i>Physical Review Letters</i> , 2012 , 108, 247002	7.4	76
493	Magnetic phase diagram of magnetoelectric LiMnPO ₄ . <i>Physical Review B</i> , 2012 , 85,	3.3	42
492	Tuning the range, magnitude, and sign of the thermal expansion in intermetallic Mn ₃ (Zn, M) _x N(M = Ag, Ge). <i>Physical Review B</i> , 2012 , 85,	3.3	118
491	Evolution of the commensurate and incommensurate magnetic phases of the S = 3/2 kagome staircase Co ₂ VO ₄ in an applied field. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 016003	1.8	7
490	Magnetic Neutron Scattering 2012 , 1		1
489	Paramagnetic spin correlations in colossal magnetoresistive La _{0.7} Ca _{0.3} MnO ₃ . <i>Physical Review B</i> , 2012 , 85,	3.3	4
488	Multiple magnetic structures of correlated Ce ions in intermetallic CeAu ₂ Ge ₂ . <i>Physical Review B</i> , 2012 , 86,	3.3	7
487	Tuning magnetism in FeAs-based materials via a tetrahedral structure. <i>Physical Review B</i> , 2012 , 86,	3.3	13
486	Structural collapse and superconductivity in rare-earth-doped CaFe ₂ As ₂ . <i>Physical Review B</i> , 2012 , 85,	3.3	134
485	Interplay between the magnetic and electric degrees of freedom in multiferroic Co ₃ TeO ₆ . <i>Physical Review B</i> , 2012 , 85,	3.3	18
484	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	11.5	42
483	Quantum spin fluctuations in the spin-liquid state of TbTi ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 052201	1.8	39
482	Double-Focusing Thermal Triple-Axis Spectrometer at the NCNR. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2012 , 117, 61-79	1.3	90
481	Magnetic field effect on static antiferromagnetic order and spin excitations in the underdoped iron arsenide superconductor BaFe _{1.92} Ni _{0.08} As ₂ . <i>Physical Review B</i> , 2011 , 83,	3.3	28
480	Field-induced quantum fluctuations in the heavy fermion superconductor CeCu(2)Ge(2). <i>Scientific Reports</i> , 2011 , 1, 117	4.9	23

479	Molecular spin-orbit excitations in the Jeff=12 frustrated spinel GeCo ₂ O ₄ . <i>Physical Review B</i> , 2011 , 84,	3-3	30
478	Neutron Diffraction Study of the Mn Spin Correlations in Bi _{0.46} Ca _{0.54} Mn _{0.95} Cr _{0.05} O ₃ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SB013	1-5	
477	Soft phonons and structural phase transition in superconducting Ba _{0.59} K _{0.41} BiO ₃ . <i>Physica C: Superconductivity and Its Applications</i> , 2011 , 471, 303-307	1-3	2
476	Neutron scattering studies of spin excitations in hole-doped Ba(0.67)K(0.33)Fe(2)As(2) superconductor. <i>Scientific Reports</i> , 2011 , 1, 115	4-9	65
475	Response of acoustic phonons to charge and orbital order in the 50% doped bilayer manganite LaSr ₂ Mn ₂ O ₇ . <i>Physical Review Letters</i> , 2011 , 107, 207202	7-4	9
474	Dzyaloshinskii-Moriya interaction and spin reorientation transition in the frustrated kagome lattice antiferromagnet. <i>Physical Review B</i> , 2011 , 83,	3-3	40
473	Magnetic field tuning of antiferromagnetic Yb ₃ Pt ₄ . <i>Physical Review B</i> , 2011 , 84,	3-3	9
472	Antiferromagnetic spin excitations in single crystals of nonsuperconducting Li _{1-x} FeAs. <i>Physical Review B</i> , 2011 , 83,	3-3	26
471	HfFeGa ₂ and HfMnGa ₂ : Transition-metal-based itinerant ferromagnets with low Curie temperatures. <i>Physical Review B</i> , 2011 , 83,	3-3	2
470	Coupling of field-induced spin fluctuations and spin-density wave in intermetallic CeAg ₂ Ge ₂ . <i>Physical Review B</i> , 2011 , 84,	3-3	6
469	Common origin of the two types of magnetic fluctuations in iron chalcogenides. <i>Physical Review B</i> , 2011 , 84,	3-3	14
468	Antiferromagnetic order and superlattice structure in nonsuperconducting and superconducting Rb _y Fe _{1.6+x} Se ₂ . <i>Physical Review B</i> , 2011 , 84,	3-3	53
467	Nitrogen contamination in elastic neutron scattering. <i>Measurement Science and Technology</i> , 2011 , 22, 047001	2	2
466	Neutron Scattering Studies of LiCoPO ₄ & LiMnPO ₄ . <i>Journal of Physics: Conference Series</i> , 2010 , 251, 012005		8
465	Electron-doping evolution of the low-energy spin excitations in the iron arsenide superconductor BaFe _{2-x} Ni _x As ₂ . <i>Physical Review B</i> , 2010 , 81,	3-3	69
464	Antiferromagnetic critical pressure in URu ₂ Si ₂ under hydrostatic conditions. <i>Physical Review B</i> , 2010 , 82,	3-3	44
463	Absence of the hyperfine magnetic field at the Ru site in ferromagnetic rare-earth intermetallics. <i>Physical Review B</i> , 2010 , 81,	3-3	1
462	Doping dependence of spin dynamics in electron-doped Ba(Fe _{1-x} Cox) ₂ As ₂ . <i>Physical Review B</i> , 2010 , 82,	3-3	37

461	Determination of the magnetic structure of Yb ₃ Pt ₄ :k=0 local-moment antiferromagnet. <i>Physical Review B</i> , 2010 , 81,	3-3	3
460	Lattice distortion and magnetic quantum phase transition in CeFeAs(1-x)P(x)O. <i>Physical Review Letters</i> , 2010 , 104, 017204	7-4	57
459	Magnetic form factor of SrFe ₂ As ₂ : Neutron diffraction measurements. <i>Physical Review B</i> , 2010 , 81,	3-3	10
458	Cd doping effects in the heavy-fermion compounds Ce ₂ MIn ₈ (M=Rh and Ir). <i>Physical Review B</i> , 2010 , 81,	3-3	5
457	Magnetic structure, magnetization, and magnetotransport properties of (Ba,Sr)M _{2-x} T _{4-x} O ₁₁ (M=Fe,Co; T=Ru,Ti). <i>Physical Review B</i> , 2010 , 81,	3-3	10
456	Spontaneous formation of an exchange-spring composite via magnetic phase separation in Pr _{1-x} Ca _x CoO ₃ . <i>Physical Review B</i> , 2010 , 82,	3-3	22
455	Short range magnetic correlations induced by La substitution in Ho(1-x)La(x)Mn(2)O(5). <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 246002	1.8	
454	Magnetic and structural properties of Ca(Fe _{1-x} Co _x) ₂ P ₂ and Ca(Ni _{1-x} Co _x) ₂ P ₂ . <i>Physical Review B</i> , 2010 , 81,	3-3	13
453	Thermal effects on the activity and structural conformation of catechol 2,3-dioxygenase from <i>Pseudomonas putida</i> SH1. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 987-92	3-4	4
452	Origin of electric-field-induced magnetization in multiferroic HoMnO ₃ . <i>Physical Review Letters</i> , 2010 , 104, 147204	7-4	43
451	Interplay between the crystalline and magnetic structures in lightly Cr-doped Bi(0.37)Ca(0.63)Mn(0.96)Cr(0.04)O(2.99). <i>Inorganic Chemistry</i> , 2010 , 49, 3297-304	5-1	4
450	Interplay of Fe and Nd magnetism in NdFeAsO single crystals. <i>Physical Review B</i> , 2010 , 82,	3-3	46
449	Antiferromagnetic critical fluctuations in BaFe ₂ As ₂ . <i>Physical Review B</i> , 2010 , 82,	3-3	14
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