

# Andrew Christianson

## List of Publications by Year in descending order

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168  
papers

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87723

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docs citations

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4880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional superconductivity in Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> from inelastic neutron scattering. Nature, 2008, 456, 930-932.	13.7	543
2	Magnetism in Fe-based superconductors. Journal of Physics Condensed Matter, 2010, 22, 203203.	0.7	289
3	Phase transitions in LaFeAsO: Structural, magnetic, elastic, and transport properties, heat capacity and Mössbauer spectra. Physical Review B, 2008, 78, .	1.1	284
4	Two-dimensional resonant magnetic excitation in $\text{BaFe}_{1.84}\text{Co}$ . Physical Review Letters, 2009, 102, 107005.	2.9	237
5	Magnetic ground state of FeSe. Nature Communications, 2016, 7, 12182.	5.8	158
6	Evolution of spin excitations into the superconducting state in FeTe <sub>1-x</sub> Sex. Nature Physics, 2010, 6, 182-186.	6.5	151
7	Static and Dynamic Magnetism in Underdoped Superconductor $\text{BaFe}_{1.92}\text{Co}$ . Physical Review Letters, 2009, 103, 087002.	2.9	150
8	Charge Order, Dynamics, and Magnetostructural Transition in Multiferroic $\text{LuFe}_2\text{O}_4$ . Physical Review Letters, 2008, 101, 107601.	2.9	141
9	Three-dimensional Magnetic Correlations in Multiferroic $\text{LuFe}_2\text{O}_4$ . Physical Review Letters, 2008, 100, 107601.	2.9	130
10	Phonon Self-Energy and Origin of Anomalous Neutron Scattering Spectra in SnTe and PbTe Thermoelectrics. Physical Review Letters, 2014, 112, 175501.	2.9	125
11	Charge Order in $\text{LuFe}_2\text{O}_4$ : Antiferroelectric Ground State and Coupling to Magnetism. Physical Review Letters, 2008, 101, 227601.	2.9	120
12	Magnetically Driven Metal-Insulator Transition in $\text{NaOsO}_3$ . Physical Review Letters, 2012, 108, 257209.	2.9	115
13	$\text{FeTe}_{1-x}\text{Se}_x$ . Physical Review Letters, 2010, 105, 107001.	2.9	96
14	Anisotropy of thermal conductivity and possible signature of the Fulde-Ferrell-Larkin-Ovchinnikov state in CeCoIn <sub>5</sub> . Physical Review B, 2004, 70, .	1.1	95
15	Giant electromechanical coupling of relaxor ferroelectrics controlled by polar nanoregion vibrations. Science Advances, 2016, 2, e1501814.	4.7	91
16	Magnetism and electronic structure of $\text{LaZnO}_6$ and $\text{LaTiO}_6$ . Physical Review Letters, 2010, 105, 107001.	1.1	80
17	$\text{LaFeAsO}_{1-x}\text{F}_x$ . Physical Review Letters, 2008, 101, 157004.	1.1	69
18	Phonon Density of States of $\text{LaFeAsO}_{1-x}\text{F}_x$ . Physical Review Letters, 2008, 101, 157004.	2.9	65

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19	Crystalline electric field effects in $\text{CeMIn}_5$ ( $M=\text{Co,Rh,Ir}$ ): Superconductivity and the influence of Kondo spin fluctuations. <i>Physical Review B</i> , 2004, 70, .	1.1	63
20	Unusual Relationship between Magnetism and Superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ . <i>Physical Review Letters</i> , 2010, 104, 187002.	2.9	62
21	Spin glass and semiconducting behavior in one-dimensional $\text{BaFe}_2\text{Se}_3$ crystals. <i>Physical Review B</i> , 2011, 84, .	1.1	58
22	Magnetic order and electronic structure of the $\text{Sr}_2\text{VO}_5$ perovskite. <i>Physical Review B</i> , 2015, 91, .	1.1	58
23	Inelastic neutron scattering study of $\text{Mn}_2\text{O}_7$ . <i>Journal of Applied Physics</i> , 1999, 85, 5636-5638.	1.1	56
24	Spin-orbit-driven magnetic structure and excitation in the 5d pyrochlore $\text{Cd}_2\text{Os}_2\text{O}_7$ . <i>Nature Communications</i> , 2016, 7, 11651.	5.8	56
25	Tomonaga-Luttinger liquid behavior and spinon confinement in $\text{YbAlO}_3$ . <i>Nature Communications</i> , 2019, 10, 698.	5.8	56
26	Competing Ferri- and Antiferromagnetic Phases in Geometrically Frustrated $\text{LuFe}_2\text{O}_4$ . <i>Physical Review Letters</i> , 2012, 108, 037206.	2.9	55
27	Commensurate antiferromagnetic excitations as a signature of the pseudogap in the tetragonal high-Tc cuprate $\text{HgBa}_2\text{CuO}_4$ . <i>Nature Communications</i> , 2016, 7, 10819.	5.8	55
28	Anisotropic Exchange within Decoupled Tetrahedra in the Quantum Breathing Pyrochlore $\text{Ba}_3\text{V}_2\text{O}_{11}$ . <i>Physical Review Letters</i> , 2016, 116, 257204.	2.9	55
29	High-field ordered and superconducting phases in the heavy-fermion compound $\text{PrOs}_4\text{Sb}_{12}$ . <i>Physical Review B</i> , 2003, 67, .	1.1	51
30	Magnetic excitations in the geometric frustrated multiferroic $\text{CuCrO}_2$ . <i>Physical Review B</i> , 2011, 84, .	1.1	50
31	Inelastic neutron scattering study of the resonance mode in the optimally doped pnictide superconductor $\text{LaFeAsO}_{1-x}$ . <i>Physical Review B</i> , 2010, 82, .	1.1	47
32	Stabilization of Polar Nanoregions in Pb-free Ferroelectrics. <i>Physical Review Letters</i> , 2018, 120, 207603.	2.9	46
33	Enhanced spin-phonon-electronic coupling in a 5d oxide. <i>Nature Communications</i> , 2015, 6, 8916.	5.8	45
34	Neutron scattering study of crystal fields in $\text{CeRhIn}_5$ . <i>Physical Review B</i> , 2002, 66, .	1.1	44
35	Ce-site dilution studies in the antiferromagnetic heavy fermions $\text{Ce}_m\text{Rh}_n\text{In}_{3m+2n}$ ( $m=1,2;n=0,1$ ). <i>Physical Review B</i> , 2002, 66, .	1.1	43
36	Novel Coexistence of Superconductivity with Two Distinct Magnetic Orders. <i>Physical Review Letters</i> , 2005, 95, 217002.	2.9	43

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37	Magnetic structural change of Sr <sub>2</sub> IrO <sub>4</sub> upon Mn doping. Physical Review B, 2012, 86, .	1.1	43
38	Negative thermal expansion and magnetoelastic coupling in the breathing pyrochlore lattice material Physical Review B, 2018, 97, .	1.1	38
39	Doping dependence of spin dynamics in electron-doped Physical Review B, 2010, 82, .	1.1	38
40	Spin-orbit coupling controlled ground state in Physical Review B, 2016, 93, .	2.1	38
41	Observation of field-induced single impurity behavior in the heavy fermion compound. Physica B: Condensed Matter, 2006, 378-380, 113-114.	1.3	37
42	Slater Insulator in Iridate Perovskites with Strong Spin-Orbit Coupling. Physical Review Letters, 2016, 117, 176603.	2.9	36
43	Coherent band excitations in CePd <sub>3</sub> : A comparison of neutron scattering and ab initio theory. Science, 2018, 359, 186-191.	6.0	36
44	Spin-glass ordering in the diluted magnetic semiconductor Zn <sub>1-x</sub> Mn <sub>x</sub> Te. Physical Review B, 1998, 58, 12876-12882.	1.1	34
45	In-plane spin excitation anisotropy in the paramagnetic state of NaFeAs. Physical Review B, 2013, 88, .	1.1	34
46	Coexisting spin resonance and long-range magnetic order of Eu in Physical Review B, 2019, 100, .	1.1	34
47	Evolution of competing magnetic order in the Physical Review B, 2016, 93, .	1.1	33
48	Highly anisotropic exchange interactions of Physical Review B, 2016, 93, .	1.1	33
49	Structure of spin excitations in heavily electron-doped Li <sub>0.8</sub> Fe <sub>0.2</sub> ODFeSe superconductors. Nature Communications, 2017, 8, 123.	5.8	33
50	Magnetic structure and spin excitations in Physical Review B, 2014, 89, .	1.1	32
51	Extended magnetic exchange interactions in the high-temperature ferromagnet MnBi. Applied Physics Letters, 2016, 108, .	1.5	32
52	Spin-Orbit Coupling Controlled Electronic Ground State in Oxides. Physical Review Letters, 2017, 118, 207202.	2.9	31
53	Soft striped magnetic fluctuations competing with superconductivity in Physical Review B, 2014, 90, .	1.1	29
54	Spin waves and magnetic exchange interactions in the spin-ladder compound Physical Review B, 2016, 94, .	1.1	29

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55	Effect of molybdenum4dhole substitution in BaFe2As2. Physical Review B, 2012, 85, .	1.1	27
56	Spin-orbit insulating state close to the cubic limit in $\text{CaMn}_4\text{IrO}_8$ . Physical Review B, 2014, 89, .	1.1	27
57	Superconductivity and the high-field ordered phase in the heavy-fermion compound $\text{PrOs}_4\text{Sb}_{12}$ . Journal of Physics Condensed Matter, 2003, 15, S2071-S2080.	0.7	26
58	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet $\text{YbCl}_3$ . Physical Review B, 2019, 100, .	1.1	26
59	Field-Induced Dynamic Diamagnetism in a Charge-Density-Wave System. Physical Review Letters, 2001, 86, 1586-1589.	2.9	25
60	Spin-orbit coupling control of anisotropy, ground state and frustration in 5d $\text{Sr}_2\text{MgOsO}_6$ . Scientific Reports, 2016, 6, 32462.	1.6	25
61	Spin-orbit coupled systems in the atomic limit: rhenates, osmates, iridates. Physical Review B, 2018, 97, .	1.1	25
62	Physical properties of the ferromagnetic heavy-fermion compound $\text{U}_2\text{Zn}_20$ . Physical Review B, 2006, 74, .	1.1	24
63	Strongly gapped spin-wave excitation in the insulating phase of $\text{NaOsO}_3$ . Physical Review B, 2017, 95, .	1.1	24
64	Antiferromagnetic ordering and dipolar interactions of $\text{YbAlO}_3$ . Physical Review B, 2019, 99, .	1.1	24
65	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	5.8	24
66	Low temperature behavior of the heavy fermion. Journal of Magnetism and Magnetic Materials, 2007, 310, 266-267.	1.0	22
67	Development of a compact <i>in situ</i> polarized $^3\text{He}$ neutron spin filter at Oak Ridge National Laboratory. Review of Scientific Instruments, 2014, 85, 075112.	0.6	22
68	Magnonlike Dispersion of Spin Resonance in Ni-doped $\text{BaFe}_2$ . Physical Review Letters, 2013, 110, 177002.	2.9	21
69	Spectroscopic evidence for strong quantum spin fluctuations with itinerant character in $\text{YFe}_2\text{Ge}_2$ . Physical Review B, 2015, 91, .	1.1	21
70	Strong ferromagnetic exchange interaction under ambient pressure in $\text{BaFe}_2\text{S}_3$ . Physical Review B, 2017, 95, .	1.1	20
71	Cluster Frustration in the Breathing Pyrochlore Magnet $\text{LiGaCr}_4$ . Physical Review Letters, 2020, 125, 167201.	2.9	20
72	Localized Excitation in the Hybridization Gap in $\text{YbAl}_3$ . Physical Review Letters, 2006, 96, 117206.	2.9	19

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73	Magnetic structure determination of $\text{CaLiO}_3$ using neutron and x-ray scattering. Physical Review B, 2014, 89, .	1.1	19
74	Magnons and a two-component spin gap in $\text{FeV}_2\text{O}_4$ . Physical Review B, 2014, 89, .	1.1	19
75	Influence of interstitial Mn on magnetism in the room-temperature ferromagnet $\text{Mn}_2\text{O}_7$ . Physical Review B, 2015, 91, .	1.1	19
76	Evolution of the Magnetic Excitations in $\text{NaOsO}_3$ through its Metal-Insulator Transition. Physical Review Letters, 2018, 120, 227203.	2.9	19
77	Magnetotransport of $\text{CeRhIn}_5$ . Physical Review B, 2002, 66, .	1.1	18
78	Inelastic neutron scattering studies of the spin and lattice dynamics in iron arsenide compounds. Physica C: Superconductivity and Its Applications, 2009, 469, 498-506.	0.6	18
79	Magnetic order in $\text{TbCo}_2$ . Physical Review B, 2010, 81, .	1.1	17
80	Antiferromagnetic order in $\text{MnO}$ spherical nanoparticles. Physical Review B, 2011, 83, .	1.1	17
81	Tuning the flat bands of the kagome metal $\text{CoSn}$ with Fe, In, or Ni doping. Physical Review Materials, 2021, 5, .	0.9	17
82	Properties of $\text{UNiAlD}_{2.1}$ and $\text{UNiAlH}_{2.3}$ . Physica B: Condensed Matter, 2000, 276-278, 706-707.	1.3	16
83	$Q$ -dependence of the spin fluctuations in the intermediate valence compound $\text{CePd}_3$ . Journal of Physics Condensed Matter, 2014, 26, 225602.	0.7	16
84	Experimental Determination of Ionicity in $\text{MnO}$ Nanoparticles. Chemistry of Materials, 2011, 23, 2956-2960.	3.2	15
85	Magnetic properties of the $S=12$ quasisquare lattice antiferromagnet $\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})$ ( $\text{pyz}=\text{pyrazine}$ ) investigated by neutron scattering. Physical Review B, 2012, 86, .	1.1	15
86	Crossover from spin waves to diffusive spin excitations in underdoped $\text{BaFe}_2\text{As}_2$ . Physical Review B, 2014, 89, .	1.1	15
87	Origin of magnetic excitation gap in double perovskite $\text{Sr}_2\text{FeMoO}_6$ . Physical Review B, 2018, 98, .	1.1	15
88	Crossover from itinerant to localized magnetic excitations through the metal-insulator transition in $\text{NaOsO}_3$ . Physical Review B, 2018, 97, .	1.1	15
89	Damped Dirac magnon in the metallic kagome antiferromagnet $\text{FeSn}$ . Physical Review B, 2022, 105, .	1.1	15
90	Neutron diffraction study of magnetic field induced behavior in the heavy Fermion $\text{Ce}_3\text{Co}_4\text{Sn}_{13}$ . Physica B: Condensed Matter, 2008, 403, 909-910.	1.3	14

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91	Enhanced low-energy magnetic excitations via suppression of the itinerancy in Fe <sub>2</sub> Te <sub>2</sub> Se <sub>2</sub> Physical Review B, 2019, 100, .	1.1	14
92	Candidate Elastic Quantum Critical Point in Cu <sub>2</sub> Te <sub>2</sub> Se <sub>2</sub> Physical Review Letters, 2016, 117, 235701.	1.1	14
94	Reorientation of antiferromagnetism in cobalt doped FeSn. Physical Review B, 2019, 100, .	1.1	14
95	Spin excitations in BaFe <sub>2</sub> As <sub>2</sub> observed by inelastic neutron scattering. Physical Review B, 2009, 80, .	1.1	13
96	Flux growth and physical properties of MoSb single crystals. Physical Review B, 2013, 87, .	1.1	13
97	Structural and magnetic properties of the Kondo insulator UFe <sub>4</sub> P <sub>12</sub> . Physica B: Condensed Matter, 1999, 259-261, 280-282.	1.3	12
98	Magnetotransport and superconductivity of $\hat{1}\hat{x}$ -uranium. Philosophical Magazine, 2004, 84, 2001-2022.	0.7	12
99	Crystalline electric field excitations in the heavy fermion superconductor CeCoIn <sub>5</sub> . Journal of Applied Physics, 2004, 95, 7201-7203.	1.1	12
100	Ytterbium divalency and lattice disorder in near-zero thermal expansion YbGaGe. Physical Review B, 2007, 75, .	1.1	12
101	Magnetoelastic coupling in bulk and nanoscale MnO. Physical Review B, 2011, 84, .	1.1	12
102	Doping dependence of the spin excitations in the Fe-based superconductors Fe <sub>1+y</sub> Te <sub>1-x</sub> Sex. Physical Review B, 2013, 87, .	1.1	12
103	Experimental elucidation of the origin of the $\hat{a}\hat{c}$ double spin resonances in Ba(Fe <sub>1-x</sub> Cox) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2016, 93, .	1.1	12
104	Interplay of spin-orbit coupling and hybridization in Ca <sub>3</sub> and Physical Review B, 2017, 96, .	1.1	12
105	Spatial inhomogeneity in RFeAsO <sub>1-x</sub> F <sub>x</sub> (R=Pr, Nd) determined from rare-earth crystal-field excitations. Physical Review B, 2011, 83, .	1.1	11
106	Electron doping evolution of the neutron spin resonance in NaFe <sub>2</sub> As <sub>2</sub> Physical Review B, 2016, 93, .	1.1	11
107	Behavior of the breathing pyrochlore lattice Ba <sub>3</sub> Yb <sub>2</sub> Zn <sub>5</sub> O <sub>11</sub> in applied magnetic field. Journal of Physics Condensed Matter, 2018, 30, 455801.	0.7	11
108	Weakly coupled alternating S chains in the distorted honeycomb lattice compound Na <sub>2</sub> Physical Review B, 2020, 102, .	1.1	11

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109	Decay and renormalization of a longitudinal mode in a quasi-two-dimensional antiferromagnet. Nature Communications, 2021, 12, 5331. Kondo behavior, ferromagnetic correlations, and crystal fields in the heavy-fermion compounds	5.8	11
110	$\langle \text{Ce} \rangle_3$		



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127	Inelastic magnetic neutron scattering in CePd3. <i>Physica B: Condensed Matter</i> , 2008, 403, 783-785.	1.3	8
128	Heavy fermion scaling: uranium versus cerium and ytterbium compounds. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 094210.	0.7	8
129	Crystal field splitting for Ba $\text{Fe}_2\text{As}_2$ $\text{Sr}_{1-x}\text{Fe}_x\text{As}_2$ $\text{Fe}_x\text{As}_2$	1.1	8
130	Nanoscale Atomic Displacements Ordering for Enhanced Piezoelectric Properties in Lead-Free ABO <sub>3</sub> Ferroelectrics. <i>Advanced Materials</i> , 2015, 27, 4330-4335.	11.1	8
131	Robust cycloid crossover driven by anisotropy in the skyrmion host GaV4S8. <i>Physical Review B</i> , 2020, 101, .	1.1	8
132	Effect of La doping on magnetic structure in heavy fermion CeRhIn5. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 120-122.	1.3	7
133	Magnetic properties of the Shastry-Sutherland lattice material $\text{BaNd}_2\text{O}_7$ $\text{Nd}_2\text{O}_7$ $\text{Nd}_2\text{O}_7$	1.1	5
134	Low-temperature magnetic structure of UPdGe. <i>Journal of Applied Physics</i> , 2003, 93, 8352-8354. Effect of pressure on the neutron spin resonance in the unconventional superconductor	1.1	6
135	FeTe $\text{Se}_{0.6}\text{Te}_{0.4}$ Modified magnetism within the coherence volume of superconducting $\text{FeTe}$ $\text{Se}_{0.6}\text{Te}_{0.4}$	1.1	6
136	Strong anisotropy within a Heisenberg model in the $\text{FeTe}$ $\text{Se}_{0.6}\text{Te}_{0.4}$ $\text{FeTe}$ $\text{Se}_{0.6}\text{Te}_{0.4}$	1.1	6
137	insulating state of $\text{Sr}_2\text{Fe}_2\text{O}_7$ $\text{Sr}_2\text{Fe}_2\text{O}_7$	1.1	6
138	Temperature and polarization dependence of low-energy magnetic fluctuations in nearly optimally doped NaFe0.9785Co0.0215As. <i>Physical Review B</i> , 2017, 96, .	1.1	6
139	Complex magnetic phases in the polar tetragonal intermetallic $\text{NdCoGe}_3$ $\text{NdCoGe}_3$	1.1	6
140	Origins of large enhancement in electromechanical coupling for nonpolar directions in ferroelectric BaTiO3. <i>Physical Review B</i> , 2013, 88, .	1.1	5
141	Structural and magnetic phase transitions in $\text{CeCu}_6$ $\text{CeCu}_6$	1.1	5

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145	Quantum critical fluctuations in the heavy fermion compound Ce(Ni <sub>0.935</sub> Pd <sub>0.065</sub> ) <sub>2</sub> Ge <sub>2</sub> . Journal of Physics Condensed Matter, 2015, 27, 015602.	0.7	4
146	Multicomponent fluctuation spectrum at the quantum critical point in CeCu <sub>6-x</sub> Ag <sub>x</sub> . Npj Quantum Materials, 2019, 4, .	1.8	4
147	Suppressed incommensurate order in swedenborgite Ca <sub>0.5</sub> Y <sub>0.5</sub> BaCo <sub>4</sub> O <sub>7</sub> . Physical Review B, 2021, 104, .	1.1	4
148	High-field c-axis magnetotransport of single crystal YbNi <sub>2</sub> B <sub>2</sub> C. Physica B: Condensed Matter, 2001, 294-295, 225-228.	1.3	3
149	Magnetoresistance measurements in UCu <sub>4+x</sub> Al <sub>8-x</sub> compounds. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 42-44.	1.0	3
150	MAGNETIC PROPERTIES OF HEAVY FERMION SUPERCONDUCTORS CeRhIn <sub>5</sub> AND Ce <sub>2</sub> RhIn <sub>8</sub> . International Journal of Modern Physics B, 2002, 16, 3244-3249.	1.0	3
151	High field magnetotransport in Ce <sub>1-x</sub> LaxRhIn <sub>5</sub> heavy electron alloys. Physica B: Condensed Matter, 2002, 312-313, 241-243.	1.3	3
152	Phonons, $Q$ -dependent Kondo spin fluctuations, and phonon resonance in $Yb_{1-x}Lu_xNi_2B_2C$ . Physical Review B, 2021, 104, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:mrow}> <\text{mml:mi}>Q</\text{mml:mi}> </\text{mml:mrow}> </\text{mml:math}>$	1.1	3
153	Influence of cobalt substitution on the magnetism of NiBr <sub>2</sub> . Physical Review Materials, 2019, 3, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:mrow}> <\text{mml:mi}>Yb</\text{mml:mi}> <\text{mml:msub}> <\text{mml:mi}>$	0.9	3
154	Spin dynamics in the skyrmion-host lacunar spinel $Sr_{1-x}Ca_xNi_2P_2O_{14}$ . Physical Review B, 2021, 104, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:mrow}> <\text{mml:msub}> <\text{mml:mi}>GaV</\text{mml:mi}> <\text{mml:mn}>4</\text{mml:mn}> </\text{mml:mrow}> </\text{mml:math}>$	1.1	3
155	Magnetic order and spin dynamics of the spin ladder $BaFe_{1-x}Co_xS$ . Physical Review B, 2022, 105, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:msub}> <\text{mml:mi}>BaFe</\text{mml:mi}> <\text{mml:mrow}> <\text{mml:mn}>2</\text{mml:mn}> <\text{mml:mo}>\hat{\wedge}</\text{mml:mo}> <\text{mml:mi}>\hat{\Gamma}</\text{mml:mi}> </\text{mml:mrow}> </\text{mml:math}>$	1.1	3
156	Pr <sub>3</sub> InO: re-assessment of the cubic Pr <sub>3</sub> In structure. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i184-i184.	0.2	2
157	Magnetic order in the induced magnetic moment system. Physica B: Condensed Matter, 2008, 403, 1368-1370.	1.3	2
158	Enhanced low-energy magnetic excitations evidencing the Cu-induced localization in the Fe-based superconductor $Fe_{1-x}Co_xS$ . Physical Review B, 2022, 105, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:mrow}> <\text{mml:msub}> <\text{mml:mi}>Fe</\text{mml:mi}> <\text{mml:mrow}> <\text{mml:mn}>0.98</\text{mml:mn}> </\text{mml:mrow}> </\text{mml:math}>$	1.1	2
159	Effect of temperature on hybridization and magnetism in U <sub>2</sub> Pd <sub>2</sub> Sn and U <sub>2</sub> Ni <sub>2</sub> In. Journal of Alloys and Compounds, 2004, 369, 273-276.	2.8	1
160	Neutron scattering of iron-based superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 639-642.	0.6	1
161	Phonons of Fe-based superconductor $Ca_{10}Pt_4As_8$ (Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>10</sub> . Journal of Physics Condensed Matter, 2015, 27, 465701.	1.1	1
162	Spin dynamics of the spin-chain antiferromagnet $RbFeS_2$ . Physical Review B, 2021, 104, . $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} <\text{mml:msub}> <\text{mml:mi}>RbFeS</\text{mml:mi}> <\text{mml:mn}>2</\text{mml:mn}> </\text{mml:msub}> </\text{mml:math}>$	1.1	1

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163	High Field Magnetotransport in CeRh <sub>1-x</sub> Rh <sub>x</sub> In <sub>5</sub> Heavy Electron Alloys. International Journal of Modern Physics B, 2002, 16, 3045-3048.	1.0	0
164	Magnetic Properties of Heavy Fermion Superconductors CeRhIn <sub>5</sub> and Ce <sub>2</sub> RhIn <sub>8</sub> . ChemInform, 2003, 34, no.	0.1	0
165	Anisotropic intermediate valence in Yb <sub>2</sub> Rh <sub>3</sub> Ga <sub>9</sub> . Physica B: Condensed Matter, 2006, 378-380, 752-753.	1.3	0
166	Publisher's Note: Novel Coexistence of Superconductivity with Two Distinct Magnetic Orders [Phys. Rev. Lett. 95, 217002 (2005)]. Physical Review Letters, 2007, 99, .	2.9	0
167	Quantum critical behavior in the heavy Fermion single crystal Ce(Ni <sub>0.935</sub> Pd <sub>0.065</sub> ) <sub>2</sub> Ge <sub>2</sub> . Journal of Physics: Conference Series, 2011, 273, 012018.	0.3	0
168	Magnetism of Nd <sub>2</sub> O <sub>3</sub> single crystals near the Néel temperature. Physical Review B, 2020, 102, .	1.1	0