

Henrik M RÃnnow

List of Publications by Year in descending order

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252
papers

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254
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Visualisation of Skyrmion Lattice Defect Alignment at Grain Boundaries. <i>Nanoscale Research Letters</i> , 2022, 17, 20.	3.1	1
2	Magnetic structure of the topological semimetal CoS_2 . <i>Physical Review B</i> , 2022, 105, .	1.1	9
3	Randomness and frustration in a square-lattice Heisenberg antiferromagnet. <i>Physical Review B</i> , 2022, 105, .		
4	Influence of static correlation on the magnon dynamics of an itinerant ferromagnet with competing exchange interactions: First-principles study of MnBi. <i>Physical Review Materials</i> , 2022, 6, .	0.9	4
5	Spin dynamics in the square-lattice cupola system $\text{BaCu}_4\text{TiO}_{12}$. <i>Physical Review B</i> , 2022, 105, .		
6	Tuning Topological Spin Textures in Size-Tailored Chiral Magnet Insulator Particles. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11855-11866.	1.5	1
7	Frustration-driven magnetic fluctuations as the origin of the low-temperature skyrmion phase in $\text{Co}_7\text{Zn}_7\text{Mn}_6$. <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	16
8	A quantum magnetic analogue to the critical point of water. <i>Nature</i> , 2021, 592, 370-375.	13.7	49
9	Vital role of magnetocrystalline anisotropy in cubic chiral skyrmion hosts. <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	21
10	Author Correction: Vital role of magnetocrystalline anisotropy in cubic chiral skyrmion hosts. <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	3
11	Bespoke open databases would be cheaper and easier to analyse. <i>Nature</i> , 2021, 596, 343-343.	13.7	0
12	Synthesis of murunskite single crystals: A bridge between cuprates and pnictides. <i>Applied Materials Today</i> , 2021, 24, 101096.	2.3	0
13	Triplons, magnons, and spinons in a single quantum spin system: SeCuO_3 . <i>Physical Review B</i> , 2021, 103, .	1.1	1
14	Magnetic Field Induced Quantum Spin Liquid in the Two Coupled Trillium Lattices of $\text{K}_2\text{Cu}_2\text{O}_7$.		

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19	Direct Observation of the Statics and Dynamics of Emergent Magnetic Monopoles in a Chiral Magnet. <i>Physical Review Letters</i> , 2020, 125, 137202.	2.9	34
20	Ferrimagnetic 120° magnetic structure in Cu_2O . <i>Physical Review B</i> , 2020, 102, .	1.1	1
21	High-Temperature Charge-Stripe Correlations in Co_2O_6 . <i>Physical Review B</i> , .	1.1	3
22	High-Temperature Charge-Stripe Correlations in LaMnO_3 . <i>Physical Review Letters</i> , 2020, 124, 187002.	2.9	16
23	Melting of a skyrmion lattice to a skyrmion liquid via a hexatic phase. <i>Nature Nanotechnology</i> , 2020, 15, 761-767.	15.6	63
24	Hidden, entangled and resonating order. <i>Nature Reviews Materials</i> , 2020, 5, 477-479.	23.3	18
25	Temperature dependence of the $(\pi, 0)$ anomaly in the excitation spectrum of the 2D quantum Heisenberg antiferromagnet. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 374007.	0.7	3
26	In situ control of the helical and skyrmion phases in Cu_2OSeO_3 using high-pressure helium gas up to 5 kbar. <i>Physical Review B</i> , 2020, 101, .	1.1	3
27	Energy domain versus time domain precursor fluctuations above the Verwey transition in magnetite. <i>Physical Review B</i> , 2020, 101, .	1.1	3
28	Exchange Interactions Mediated by Nonmagnetic Cations in Double Perovskites. <i>Physical Review Letters</i> , 2020, 124, 077202.	2.9	23
29	High field magnetization of FePS_3 . <i>Physical Review B</i> , 2020, 101, .	1.1	3
30	Staggered flux state for rectangular-lattice spin-1/2 Heisenberg antiferromagnets. <i>Physical Review B</i> , 2020, 102, .	1.1	3
31	Correlation between site occupancies and spin-glass transition in skyrmion host Co_2ZnO . <i>Physical Review B</i> , 2019, 100, .	1.1	3
32	Persistent antiferromagnetic order in heavily overdoped $\text{Ca}_{1-x}\text{La}_x\text{FeAs}_2$. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 485705.	0.7	2
33	Deformation of the moving magnetic skyrmion lattice in MnSi under electric current flow. <i>Communications Physics</i> , 2019, 2, .	2.0	18
34	Magnetic and structural properties of Ni-substituted magnetoelectric $\text{Co}_4\text{Nb}_2\text{O}_{12}$. <i>Physical Review B</i> , 2019, 100, .	1.1	12
35	Field-induced anisotropy in the quasi-two-dimensional weakly anisotropic antiferromagnet $[\text{CuCl}(\text{pyz})_2]\text{BF}_4$. <i>Physical Review B</i> , 2019, 99, .	1.1	3
36	Publisher's Note: Topological spin-hedgehog crystals of a chiral magnet as engineered with magnetic anisotropy [Phys. Rev. B 96, 220414(R) (2017)]. <i>Physical Review B</i> , 2019, 99, .	1.1	0

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37	Exact diagonalization study of the Hubbard-parametrized four-spin ring exchange model on a square lattice. <i>Physical Review B</i> , 2019, 99, .	1.1	10
38	Strain-engineering Mott-insulating La ₂ CuO ₄ . <i>Nature Communications</i> , 2019, 10, 786.	5.8	35
39	Quantification of the local magnetized nanotube domains accelerating the photocatalytic removal of the emerging pollutant tetracycline. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 450-458.	10.8	68
40	Publisher's Note: Skyrmion formation in a bulk chiral magnet at zero magnetic field and above room temperature [<i>Phys. Rev. Materials</i> 1 (2017)]. <i>Physical Review Materials</i> , 2019, 3, .	0.9	0
41	Suppression of Magnetic Order before the Superconducting Dome in MnP. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 023703.	0.7	7
42	Homo- and Heterodinuclear Iron Clathrochelate Complexes with Functional Groups in the Ligand Periphery. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3118-3125.	1.0	10
43	Control of magnetoelectric quadrupole order in $K\text{Pb}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 97, .	1.1	21
44	$^{1/4}\text{SR}$ Investigation of the Shastry-Sutherland Compound $\text{SrCu}_2(\text{BO}_3)_2$. , 2018, , .		2
45	Note: Commercial SQUID magnetometer-compatible NMR probe and its application for studying a quantum magnet. <i>Review of Scientific Instruments</i> , 2018, 89, 046101.	0.6	3
46	Prototype of the novel CAMEA concept: A backend for neutron spectrometers. <i>Review of Scientific Instruments</i> , 2018, 89, 015105.	0.6	6
47	24-spin clusters in the mineral boleite $\text{K}_2\text{Pb}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 97, .	1.1	20
48	Low-Field Bi-Skyrmion Formation in a Noncentrosymmetric Chimney Ladder Ferromagnet. <i>Physical Review Letters</i> , 2018, 120, 037203.	2.9	25
49	Dispersive magnetic and electronic excitations in iridate perovskites probed by oxygen K -edge resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 97, .	1.1	20
50	Direct bonded HOPG α Analyzer support without background source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 888, 218-221.	0.7	0
51	Laser-Induced Skyrmion Writing and Erasing in an Ultrafast Cryo-Lorentz Transmission Electron Microscope. <i>Physical Review Letters</i> , 2018, 120, 117201.	2.9	115
52	Chemical tunnel-splitting-engineering in a dysprosium-based molecular nanomagnet. <i>Nature Communications</i> , 2018, 9, 1292.	5.8	81
53	Multiple- q noncollinear magnetism in an itinerant hexagonal magnet. <i>Science Advances</i> , 2018, 4, eaau3402.	4.7	47
54	Probing multi-spinon excitations outside of the two-spinon continuum in the antiferromagnetic spin chain cuprate Sr_2CuO_3 . <i>Nature Communications</i> , 2018, 9, 5394.	5.8	39

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55	Controlling the helicity of magnetic skyrmions in a \hat{I}^2 -Mn-type high-temperature chiral magnet. Physical Review B, 2018, 98, .	1.1	32
56	Disordered skyrmion phase stabilized by magnetic frustration in a chiral magnet. Science Advances, 2018, 4, eaar7043.	4.7	83
57	Electric Field-Driven Topological Phase Switching and Skyrmion-Lattice Metastability in Magnetoelastic Cu_2OSeO_3 . Physical Review Applied, 2018, 10, .	1.5	25
58	In Situ Electric Field Skyrmion Creation in Magnetoelastic Cu_2OSeO_3 . Nano Letters, 2018, 18, 5167-5171.	4.5	43
59	Direct electric field control of the skyrmion phase in a magnetoelastic insulator. Scientific Reports, 2018, 8, 10466.	1.6	30
60	Singlet state formation and its impact on the magnetic structure in the tetramer system SeCuO_3 . Physical Review B, 2018, 98, .	1.1	5
61	Negative-pressure-induced helimagnetism in ferromagnetic cubic perovskites $\text{Sr}_{1-x}\text{Ba}_x\text{CoO}_3$. Physical Review Materials, 2018, 2, .	0.9	6
62	Hallmarks of Hund's coupling in the Mott insulator Ca_2RuO_4 . Nature Communications, 2017, 8, 15176.	5.8	66
63	Evaluation of HOPG mounting possibilities for multiplexing spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 858, 30-35.	0.7	4
64	Single-chip electron spin resonance detectors operating at 50 GHz, 92 GHz, and 146 GHz. Journal of Magnetic Resonance, 2017, 278, 113-121.	1.2	26
65	The thermal triple-axis-spectrometer EIGER at the continuous spallation source SINQ. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 853, 16-19.	0.7	30
66	Electronic and magnetic excitations in the half-stuffed Cu-O planes of $\text{Ba}_2\text{Cu}_4\text{Cl}_2$ measured by resonant inelastic x-ray scattering. Physical Review B, 2017, 96, .	1.1	9
67	Magnetic Skyrmions and Skyrmion Clusters in the Helical Phase of Cu_2O . Nano Letters, 2017, 17, 1372-1376.	2.9	46
68	Spin-1 square-lattice Heisenberg antiferromagnets with d_{xy} spins: MoOPO_4 . Physical Review B, 2017, 95, .	1.1	20
69	Damped spin excitations in a doped cuprate superconductor with orbital hybridization. Physical Review B, 2017, 95, .	1.1	16
70	4-spin plaquette singlet state in the Shastry-Sutherland compound $\text{SrCu}_2(\text{BO}_3)_2$. Nature Physics, 2017, 13, 962-966.	6.5	75
71	Spin-1 square lattice antiferromagnetism in the orbitally quenched insulator MoOPO_4 . Physical Review B, 2017, 96, .	1.1	10
72	Clean, cleaved surfaces of the photovoltaic perovskite. Scientific Reports, 2017, 7, 695.	1.6	27

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73	Mapping the lattice dynamical anomaly of the order parameters across the Verwey transition in magnetite. <i>New Journal of Physics</i> , 2017, 19, 103013.	1.2	10
74	Spin excitations and quantum criticality in the quasi-one-dimensional Ising-like ferromagnet CoCl_2 in a transverse field. <i>Physical Review B</i> , 2017, 96, .	1.1	7
75	Magnetic excitations from the two-dimensional interpenetrating Cu framework in $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$. <i>Physical Review B</i> , 2017, 96, .	1.1	8
76	Superparamagnetic Nanoparticles as High Efficiency Magnetic Resonance Imaging T2 Contrast Agent. <i>Bioconjugate Chemistry</i> , 2017, 28, 161-170.	1.8	20
77	Charge-Stripe Order and Superconductivity in $\text{Ir}_{1-x}\text{Pt}_x\text{Te}_2$. <i>Scientific Reports</i> , 2017, 7, 17157.	1.6	8
78	Topological spin-hedgehog crystals of a chiral magnet as engineered with magnetic anisotropy. <i>Physical Review B</i> , 2017, 96, .	1.1	25
79	Magnetic structure of $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$ probed using spherical neutron polarimetry. <i>Physical Review B</i> , 2017, 96, .	1.1	11
80	Skyrmion formation in a bulk chiral magnet at zero magnetic field and above room temperature. <i>Physical Review Materials</i> , 2017, 1, .	0.9	63
81	Magnetic quadrupolar order in the chiral square cupola compound $\text{BaTiOCu}_4(\text{PO}_4)_4$. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C829-C829.	0.0	0
82	Electromagnon dispersion probed by inelastic X-ray scattering in LiCrO_2 . <i>Nature Communications</i> , 2016, 7, 13547.	5.8	29
83	Magnetic Excitations and Electronic Interactions in $\text{Sr}_2\text{Fe}_2\text{O}_7$. A Spin- Peierls Phase. <i>Physical Review Letters</i> , 2016, 117, 237203.	2.9	36
84	Phase diagram of diluted Ising ferromagnet $\text{LiHoxY}_{1-x}\text{F}_4$. <i>Physical Review B</i> , 2016, 94, .	1.1	2
85	Magnetic structure and magnon dynamics of the quasi-two-dimensional antiferromagnet FePS_3 . <i>Physical Review B</i> , 2016, 94, .	1.1	25
86	Dramatic pressure-driven enhancement of bulk skyrmion stability. <i>Scientific Reports</i> , 2016, 6, 21347.	1.6	34
87	CAMEA – A novel multiplexing analyzer for neutron spectroscopy. <i>Review of Scientific Instruments</i> , 2016, 87, 035109.	0.6	24
88	MnO nanoparticles as the cause of ferromagnetism in bulk dilute Mn-doped ZnO. <i>Applied Physics Letters</i> , 2016, 109, 252405.	1.5	2
89	Direct observation of anisotropic magnetic field response of the spin helix in FeGe thin films. <i>Physical Review B</i> , 2016, 94, .	1.1	24
90	Magnetodielectric detection of magnetic quadrupole order in $\text{Ba}(\text{TiO})\text{Cu}_4(\text{PO}_4)_4$ with Cu_4O_{12} square cupolas. <i>Nature Communications</i> , 2016, 7, 13039.	5.8	37

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91	Robust metastable skyrmions and their triangular square lattice structural transition in a high-temperature chiral magnet. Nature Materials, 2016, 15, 1237-1242.	13.3	196
92	Dinuclear clathrochelate complexes with pendent cyano groups as metalloligands. Dalton Transactions, 2016, 45, 15507-15516.	1.6	19
93	Possibility of an unconventional spin state of Ir^{4+} in Ba_2IrO_4 single crystal. Physical Review B, 2016, 94, .	1.1	0
94	Converse effect of pressure on the quadrupolar and magnetic transition in $\text{Ce}_3\text{Pd}_2\text{O}_{16}$. Physical Review B, 2016, 93, .	1.1	1
95	Origin of the Spin-Orbital Liquid State in a Nearly IrO_2 Iridate $\text{Ba}_3\text{Zr}_2\text{O}_{10}$. Physical Review Letters, 2016, 116, 197202.	2.9	58
96	Dimensional Reduction in Quantum Dipolar Antiferromagnets. Physical Review Letters, 2016, 116, 197202.	2.9	9
97	Spin excitations in the skyrmion host Cu_2OSeO_3 . Physical Review B, 2016, 93, .	1.1	16
98	Pressure dependence of the structure and electronic properties of Sr_3O_7 . Physical Review B, 2016, 93, .	1.1	21
99	Neutral Aminyl Radicals Derived from Azoimidazolium Dyes. Journal of the American Chemical Society, 2016, 138, 15126-15129.	6.6	40
100			

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109	Quantum critical scaling for a Heisenberg spin- $\frac{1}{2}$ chain around saturation. Physical Review B, 2015, 92, .		
110	Sc ₂ Ga ₂ CuO ₇ : A possible quantum spin liquid near the percolation threshold. Physical Review B, 2015, 92, .	1.1	12
111	Publisher's Note: Spin-orbit-induced orbital excitations in Sr ₂ RuO ₄ and Ca ₂ RuO ₄ : A resonant inelastic x-ray scattering study [Phys. Rev. B 91, 155104 (2015)]. Physical Review B, 2015, 91, .	1.1	2
112	One-dimensional quantum magnetism in the anhydrous alum KTi(SO ₄) ₂ . New Journal of Physics, 2015, 17, 113035.	1.2	12
113	Magnetic Dynamics Studied by Time-Resolved Electron Microscopy. Microscopy and Microanalysis, 2015, 21, 649-650.	0.2	0
114	Filming the formation and fluctuation of skyrmion domains by cryo-Lorentz transmission electron microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14212-14217.	3.3	68
115	The use of selected neutron absorption resonance filters to suppress spurious events on hot neutron spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 780, 9-14.	0.7	2
116	Evidence of quantum dimer excitations in Sr ₃ VO ₇ . Physical Review B, 2015, 92, .	1.1	44
117	A new class of chiral materials hosting magnetic skyrmions beyond room temperature. Nature Communications, 2015, 6, 7638.	5.8	411
118	Pressure induced evolution of superconductivity and magnetic hourglass dispersion in Fe _{1.02} Te _{0.7} Se _{0.3} . New Journal of Physics, 2015, 17, 043020.	1.2	0
119	Intrachain antiferromagnetic exchange in a 1D branched-chain built of two different copper(II) centres interlinked by end-on azido and phenoxo bridges: electron density map, electrochemical and magnetic properties. RSC Advances, 2015, 5, 59926-59934.	1.7	14
120	Crystal Structure, Transport, and Magnetic Properties of an Ir ⁶⁺ Compound Ba ₈ Al ₂ IrO ₁₄ . Inorganic Chemistry, 2015, 54, 4371-4376.	1.9	8
121	Néel-type skyrmion lattice with confined orientation in the polar magnetic semiconductor GaV ₄ S ₈ . Nature Materials, 2015, 14, 1116-1122.	13.3	523
122	Fractional excitations in the square-lattice quantum antiferromagnet. Nature Physics, 2015, 11, 62-68.	6.5	162
123	Nonequilibrium hysteresis and spin relaxation in the mixed-anisotropy dipolar-coupled spin-glass LiHo _{0.5} Er _{0.5} F ₄ . Physical Review B, 2014, 90, .	1.1	3
124	Note: Versatile sample stick for neutron scattering experiments in high electric fields. Review of Scientific Instruments, 2014, 85, 026112.	0.6	6
125	Prismatic analyser concept for neutron spectrometers. Review of Scientific Instruments, 2014, 85, 113908.	0.6	15
126	Critical scaling in the cubic helimagnet CuOSeO. Physical Review B, 2014, 89, .	1.4	50

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127	Quantum occupancies and the putative Cu^{2+} state in Ba_2IrO_4 . <i>Physical Review B</i> , 2014, 89, .	1.1	36
128	Anisotropic softening of magnetic excitations along the nodal direction in superconducting cuprates. <i>Nature Communications</i> , 2014, 5, 5760.	5.8	48
129	Quantum and thermal ionic motion, oxygen isotope effect, and superexchange distribution in La_2CuO_4 . <i>Physical Review B</i> , 2014, 89, .	1.1	36
130	An ultra-low temperature scanning Hall probe microscope for magnetic imaging below 40 mK. <i>Review of Scientific Instruments</i> , 2014, 85, 103703.	0.6	7
131	Exploration of the helimagnetic and skyrmion lattice phase diagram in Cu_2MnSi magnetoelectric susceptibility. <i>Physical Review B</i> , 2014, 89, .	2.9	169
132	Temperature dependence of the pressure induced monoclinic distortion in the spin Shastry–Sutherland compound $\text{SrCu}_2(\text{BO}_3)_2$. <i>Solid State Communications</i> , 2014, 186, 13-17.	0.9	13
133	Chirality of structure and magnetism in the magnetoelectric compound Cu_2MnSi . <i>Physical Review B</i> , 2014, 89, .	2.9	169
134	Bilayer splitting and wave functions symmetry in $\text{Sr}_3\text{Cu}_2\text{P}_2\text{O}_{14}$. <i>Physical Review B</i> , 2014, 89, .	1.2	35
135	The electronic structure of the high-symmetry perovskite iridate Ba_2IrO_4 . <i>New Journal of Physics</i> , 2014, 16, 013008.	1.2	35
136	Electric-Field-Induced Skyrmion Distortion and Giant Lattice Rotation in the Magnetoelectric Insulator Cu_2MnSi . <i>Physical Review Letters</i> , 2014, 113, 107203.	2.9	169
137	Determining the Short-Range Spin Correlations in the Spin-Chain Cu_2MnSi . <i>Physical Review Letters</i> , 2013, 110, 187201.	2.9	41
138	Nodal Landau Fermi-liquid quasiparticles in overdoped $\text{La}_{1.77}\text{Sr}_{0.23}\text{CuO}_4$. <i>Physical Review B</i> , 2014, 89, .	1.1	11
139	High-Pressure Electrical Transport and Specific Heat of the Heavy Fermion Compound $\text{Ce}_3\text{Pd}_{20}\text{Si}_6$. , 2014, , .		0
140	Robustness of Basal-Plane Antiferromagnetic Order and the Cu^{2+} State in Single-Layer Iridate Spin-Orbit Mott Insulators. <i>Physical Review Letters</i> , 2013, 110, 117207.	2.9	107
141	Locking of iridium magnetic moments to the correlated rotation of oxygen octahedra in Sr_2IrO_4 revealed by x-ray resonant scattering. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 422202.	0.7	86
142	Determining the Short-Range Spin Correlations in the Spin-Chain Cu_2MnSi . <i>Physical Review Letters</i> , 2013, 110, 187201.	2.9	41
143	Field-Induced Quantum Soliton Lattice in a Frustrated Two-Leg Spin-1 Ladder. <i>Physical Review Letters</i> , 2013, 110, 187201.	2.9	27
144	Fractional spinon excitations in the quantum Heisenberg antiferromagnetic chain. <i>Nature Physics</i> , 2013, 9, 435-441.	6.5	224

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145	Electronic structure of $\text{KTi}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$: An $S=12$ frustrated chain antiferromagnet. <i>Physical Review B</i> , 2013, 88, .	1.1	5
146	Spin-gap evolution upon Ca doping in the spin-ladder series $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_2\text{O}_4$ studied by inelastic neutron scattering. <i>Physical Review B</i> , 2013, 88, .	1.1	14
147	Low-energy spin dynamics of the $\nu = 1/2$ kagome system herbertsmithite. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 106001.	0.7	21
148	Low-temperature spin dynamics of a valence bond glass in Ba_2YMoO_6 . <i>New Journal of Physics</i> , 2013, 15, 043024.	1.2	19
149	Temperature dependent electron-phonon coupling in $\text{LaSr}_{1-x}\text{Ca}_x\text{Cu}_2\text{O}_4$. <i>Physical Review B</i> , 2013, 88, .	1.1	26
150	Classy low-energy spin fluctuations and anisotropy gap in $\text{LaSr}_{1-x}\text{Ca}_x\text{Cu}_2\text{O}_4$. <i>Physical Review B</i> , 2013, 88, .	1.1	23
151	Phase diagram with an enhanced spin-glass region of the mixed Ising XY magnet $\text{LiHo}_x\text{Er}_{1-x}\text{F}_4$. <i>Physical Review B</i> , 2013, 88, .	1.1	8
152	High pressure electrical resistivity and specific heat of the heavy fermion compound $\text{CeCoGe}_{2.2}\text{Si}_{0.8}$. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 511-514.	0.7	3
153	Magnetic hourglass dispersion and its relation to high-temperature superconductivity in iron-tuned $\text{Fe}_{1+y}\text{Te}_{0.7}\text{Se}_{0.3}$. <i>New Journal of Physics</i> , 2012, 14, 073025.	1.2	16
154	DC Magnetic Susceptibility of $\text{CeCoGe}_{2.36}\text{Si}_{0.64}$ under High Pressure. <i>Solid State Phenomena</i> , 2012, 190, 405-408.	0.3	0
155	The $\epsilon_{\text{eff}} = \frac{1}{2}$ insulator $\text{Sr}_3\text{Ir}_2\text{O}_7$ studied by means of angle-resolved photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 415602.	0.7	28
156	Electric field control of the skyrmion lattice in Cu_2OSeO_3 . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 432201.	0.7	127
157	Micro-fabrication process for small transport devices of layered manganite. <i>Journal of Applied Physics</i> , 2012, 111, 07E129.	1.1	1
158	Unified one-band Hubbard model for magnetic and electronic spectra of the parent compounds of cuprate superconductors. <i>Physical Review B</i> , 2012, 85, .	1.1	39
159	High pressure phase diagram of $\text{CeCoGe}_{2.2}\text{Si}_{0.8}$. <i>Journal of Physics: Conference Series</i> , 2012, 391, 012034.	0.3	1
160	Site-selective quantum correlations revealed by magnetic anisotropy in the tetramer system SeCuO_3 . <i>Physical Review B</i> , 2012, 86, .	1.1	17
161	Spin excitations in a single La_2CuO_4 layer. <i>Nature Materials</i> , 2012, 11, 850-854.	13.3	116
162	Dipolar Antiferromagnetism and Quantum Criticality in LiErF_4 . <i>Science</i> , 2012, 336, 1416-1419.	6.0	42

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163	Anisotropic Cascade of Field-Induced Phase Transitions in the Frustrated Spin-Ladder System BiCu_2PO_4 Physical Review Letters, 2012, 109, 167204.	2.9	37
164	Phonon Energy Gaps in the Charged Incommensurate Planes of the Spin-Ladder Sr_2O_4 Compound by Raman and Infrared Spectroscopy. Physical Review Letters, 2012, 108, 217401.	2.9	11
165	Spin-orbital separation in the quasi-one-dimensional Mott insulator Sr_2CuO_3 . Nature, 2012, 485, 82-85.	13.7	267
166	Effect of Ca substitution on crystal structure and superconducting properties of ferromagnetic superconductor $\text{RuSr}_2\text{Ca}_x\text{Gd}_{1.4}\text{Ce}_{0.6}\text{Cu}_2$ Sr_2O_4 Journal of Magnetism and Magnetic Materials, 2011, 311, 84.	1.0	0
167	Strong coupling of Sm and Fe magnetism in SmFeAsO as revealed by magnetic x-ray scattering. Physical Review B, 2011, 84, .	1.1	33
168	SR investigation of magnetism and magnetoelectric coupling in Cu_2OSeO_4 Cu_2OSeO_4 Journal of the Physical Society of Japan, 2011, 80, SB030.	1.1	22
169	Magnetic Field-Induced Closure of the Spin Excitation Gap near Optimal Doping in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Journal of the Physical Society of Japan, 2011, 80, SB030.	0.7	1
170	Spangolite: ans= 1/2 maple leaf lattice antiferromagnet?. Journal of Physics Condensed Matter, 2011, 23, 164201.	0.7	16
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182	<p>Evidence for spinon localization in the heat transport of the spin-1 Kagome ladder compound</p> $\chi = \frac{1}{2} \sum_{\langle ij \rangle} \tau_{ij}^x \tau_{ij}^y$		

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