

# Henrik M Rnnow

## 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.

232  
papers

7,556  
citations

45  
h-index

77  
g-index

254  
ext. papers

8,919  
ext. citations

6.5  
avg, IF

5.47  
L-index

#	Paper	IF	Citations
232	Direct Visualisation of Skyrmion Lattice Defect Alignment at Grain Boundaries.. <i>Nanoscale Research Letters</i> , <b>2022</b> , 17, 20	5	
231	Magnetic Field Induced Quantum Spin Liquid in the Two Coupled Trillium Lattices of $K_2Ni_2(SO_4)_3$ . <i>Physical Review Letters</i> , <b>2021</b> , 127, 157204	7.4	1
230	Frustration-driven magnetic fluctuations as the origin of the low-temperature skyrmion phase in $Co_7Zn_7Mn_6$ . <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	2
229	A quantum magnetic analogue to the critical point of water. <i>Nature</i> , <b>2021</b> , 592, 370-375	50.4	9
228	Vital role of magnetocrystalline anisotropy in cubic chiral skyrmion hosts. <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	4
227	Synthesis of murunskite single crystals: A bridge between cuprates and pnictides. <i>Applied Materials Today</i> , <b>2021</b> , 24, 101096	6.6	
226	High-Temperature Charge-Stripe Correlations in $La_{1.675}Eu_{0.2}Sr_{0.125}CuO_4$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 187002	7.4	9
225	Melting of a skyrmion lattice to a skyrmion liquid via a hexatic phase. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 761-767	28.7	16
224	Temperature dependence of the [Formula: see text] anomaly in the excitation spectrum of the 2D quantum Heisenberg antiferromagnet. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 374007	1.8	1
223	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> , <b>2020</b> , 101,	3.3	2
222	Energy domain versus time domain precursor fluctuations above the Verwey transition in magnetite. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	1
221	Exchange Interactions Mediated by Nonmagnetic Cations in Double Perovskites. <i>Physical Review Letters</i> , <b>2020</b> , 124, 077202	7.4	6
220	High field magnetization of $FePS_3$ . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	9
219	Staggered flux state for rectangular-lattice spin-12 Heisenberg antiferromagnets. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
218	The instrument suite of the European Spallation Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 957, 163402	1.2	50
217	Radial Spin Texture of the Weyl Fermions in Chiral Tellurium. <i>Physical Review Letters</i> , <b>2020</b> , 125, 216402	7.4	8
216	Metastable skyrmion lattices governed by magnetic disorder and anisotropy in $\bar{M}n$ -type chiral magnets. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	11

215	Journal of Physics: Conference Series High-pressure specific heat technique to uncover novel states of quantum matter. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1609, 012008	0.3	1
214	Direct Observation of the Statics and Dynamics of Emergent Magnetic Monopoles in a Chiral Magnet. <i>Physical Review Letters</i> , <b>2020</b> , 125, 137202	7.4	17
213	Field-induced anisotropy in the quasi-two-dimensional weakly anisotropic antiferromagnet [CuCl(py <sub>2</sub> ) <sub>2</sub> ]BF <sub>4</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
212	Exact diagonalization study of the Hubbard-parametrized four-spin ring exchange model on a square lattice. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
211	Strain-engineering Mott-insulating LaCuO. <i>Nature Communications</i> , <b>2019</b> , 10, 786	17.4	17
210	Correlation between site occupancies and spin-glass transition in skyrmion host Co <sub>10</sub> Zn <sub>10</sub> Mnx. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
209	Persistent antiferromagnetic order in heavily overdoped Ca La FeAs. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 485705	1.8	2
208	Deformation of the moving magnetic skyrmion lattice in MnSi under electric current flow. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	11
207	Magnetic and structural properties of Ni-substituted magnetoelectric Co <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	6
206	Quantification of the local magnetized nanotube domains accelerating the photocatalytic removal of the emerging pollutant tetracycline. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 248, 450-458	21.8	39
205	Suppression of Magnetic Order before the Superconducting Dome in MnP. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 023703	1.5	3
204	Homo- and Heterodinuclear Iron Clathrochelate Complexes with Functional Groups in the Ligand Periphery. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3118-3125	2.3	4
203	A-cation control of magnetoelectric quadrupole order in A(TiO)Cu <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (A=Ba,Sr,and Pb). <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	14
202	Note: Commercial SQUID magnetometer-compatible NMR probe and its application for studying a quantum magnet. <i>Review of Scientific Instruments</i> , <b>2018</b> , 89, 046101	1.7	1
201	Prototype of the novel CAMEA concept-A backend for neutron spectrometers. <i>Review of Scientific Instruments</i> , <b>2018</b> , 89, 015105	1.7	4
200	24-spin clusters in the mineral boleite KPb <sub>26</sub> Ag <sub>9</sub> Cu <sub>24</sub> Cl <sub>62</sub> (OH) <sub>48</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	3
199	Low-Field Bi-Skyrmion Formation in a Noncentrosymmetric Chimney Ladder Ferromagnet. <i>Physical Review Letters</i> , <b>2018</b> , 120, 037203	7.4	18
198	Dispersive magnetic and electronic excitations in iridate perovskites probed by oxygen K-edge resonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	16

197	Direct bonded HOPG Analyzer support without background source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 888, 218-221	1.2	
196	Laser-Induced Skyrmion Writing and Erasing in an Ultrafast Cryo-Lorentz Transmission Electron Microscope. <i>Physical Review Letters</i> , <b>2018</b> , 120, 117201	7.4	75
195	Chemical tunnel-splitting-engineering in a dysprosium-based molecular nanomagnet. <i>Nature Communications</i> , <b>2018</b> , 9, 1292	17.4	53
194	Electric-Field-Driven Topological Phase Switching and Skyrmion-Lattice Metastability in Magnetolectric Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	19
193	In Situ Electric Field Skyrmion Creation in Magnetolectric CuOSeO. <i>Nano Letters</i> , <b>2018</b> , 18, 5167-5171	11.5	26
192	Direct electric field control of the skyrmion phase in a magnetolectric insulator. <i>Scientific Reports</i> , <b>2018</b> , 8, 10466	4.9	21
191	Singlet state formation and its impact on the magnetic structure in the tetramer system SeCuO <sub>3</sub> . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	3
190	Negative-pressure-induced helimagnetism in ferromagnetic cubic perovskites Sr <sub>1-x</sub> BaxCoO <sub>3</sub> . <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	5
189	Multiple- noncollinear magnetism in an itinerant hexagonal magnet. <i>Science Advances</i> , <b>2018</b> , 4, eaau3402	4.3	30
188	Probing multi-spinon excitations outside of the two-spinon continuum in the antiferromagnetic spin chain cuprate SrCuO. <i>Nature Communications</i> , <b>2018</b> , 9, 5394	17.4	18
187	Controlling the helicity of magnetic skyrmions in a Mn-type high-temperature chiral magnet. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	15
186	Disordered skyrmion phase stabilized by magnetic frustration in a chiral magnet. <i>Science Advances</i> , <b>2018</b> , 4, eaar7043	14.3	48
185	Hallmarks of Hunds coupling in the Mott insulator CaRuO. <i>Nature Communications</i> , <b>2017</b> , 8, 15176	17.4	42
184	Evaluation of HOPG mounting possibilities for multiplexing spectrometers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 858, 30-35	1.2	4
183	Single-chip electron spin resonance detectors operating at 50GHz, 92GHz, and 146GHz. <i>Journal of Magnetic Resonance</i> , <b>2017</b> , 278, 113-121	3	17
182	The thermal triple-axis-spectrometer EIGER at the continuous spallation source SINQ. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 853, 16-19	1.2	17
181	Electronic and magnetic excitations in the half-stuffed Cu-O planes of Ba <sub>2</sub> Cu <sub>3</sub> O <sub>4</sub> Cl <sub>2</sub> measured by resonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	5
180	Magnetic Skyrmions and Skyrmion Clusters in the Helical Phase of Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 137201	7.4	36

179	J1J2 square-lattice Heisenberg antiferromagnets with 4d1 spins: AMoOPO4Cl (A=K,Rb). <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	10
178	Damped spin excitations in a doped cuprate superconductor with orbital hybridization. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	10
177	4-spin plaquette singlet state in the ShastrySutherland compound SrCu2(BO3)2. <i>Nature Physics</i> , <b>2017</b> , 13, 962-966	16.2	40
176	J1J2 square lattice antiferromagnetism in the orbitally quenched insulator MoOPO4. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	6
175	Clean, cleaved surfaces of the photovoltaic perovskite. <i>Scientific Reports</i> , <b>2017</b> , 7, 695	4.9	24
174	Mapping the lattice dynamical anomaly of the order parameters across the Verwey transition in magnetite. <i>New Journal of Physics</i> , <b>2017</b> , 19, 103013	2.9	7
173	Spin excitations and quantum criticality in the quasi-one-dimensional Ising-like ferromagnet CoCl2D2O in a transverse field. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	3
172	Magnetic excitations from the two-dimensional interpenetrating Cu framework in Ba2Cu3O4Cl2. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	5
171	Superparamagnetic Nanoparticles as High Efficiency Magnetic Resonance Imaging T Contrast Agent. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 161-170	6.3	17
170	Charge-Stripe Order and Superconductivity in IrPtTe. <i>Scientific Reports</i> , <b>2017</b> , 7, 17157	4.9	6
169	Topological spin-hedgehog crystals of a chiral magnet as engineered with magnetic anisotropy. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	18
168	Magnetic structure of Ba(TiO)Cu4(PO4)4 probed using spherical neutron polarimetry. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	7
167	Skyrmion formation in a bulk chiral magnet at zero magnetic field and above room temperature. <i>Physical Review Materials</i> , <b>2017</b> , 1,	3.2	42
166	Direct observation of anisotropic magnetic field response of the spin helix in FeGe thin films. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
165	Magnetodielectric detection of magnetic quadrupole order in Ba(TiO)Cu(PO) with CuO square cupolas. <i>Nature Communications</i> , <b>2016</b> , 7, 13039	17.4	25
164	Robust metastable skyrmions and their triangular-square lattice structural transition in a high-temperature chiral magnet. <i>Nature Materials</i> , <b>2016</b> , 15, 1237-1242	27	134
163	Dinuclear clathrochelate complexes with pendent cyano groups as metalloligands. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15507-15516	4.3	15
162	Converse effect of pressure on the quadrupolar and magnetic transition in Ce3Pd20Si6. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	1

161	Origin of the Spin-Orbital Liquid State in a Nearly J=0 Iridate Ba <sub>3</sub> ZnIr <sub>2</sub> O <sub>9</sub> . <i>Physical Review Letters</i> , <b>2016</b> , 116, 097205	7.4	38
160	Dimensional Reduction in Quantum Dipolar Antiferromagnets. <i>Physical Review Letters</i> , <b>2016</b> , 116, 197207	7.4	4
159	Spin excitations in the skyrmion host Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	14
158	Pressure dependence of the structure and electronic properties of Sr <sub>3</sub> Ir <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	18
157	Neutral Aminyl Radicals Derived from Azoimidazolium Dyes. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15126-15129	16.4	32
156	Ba <sub>3</sub> MxTi <sub>3</sub> □O <sub>9</sub> (M=Ir, Rh): A family of 5d/4d-based diluted quantum spin liquids. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	16
155	Probing strongly hybridized nuclear-electronic states in a model quantum ferromagnet. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	3
154	A combined radial collimator and cooled beryllium filter for neutron scattering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 819, 99-103	1.2	4
153	Electromagnon dispersion probed by inelastic X-ray scattering in LiCrO. <i>Nature Communications</i> , <b>2016</b> , 7, 13547	17.4	18
152	Magnetic Excitations and Electronic Interactions in Sr <sub>2</sub> CuTeO <sub>6</sub> : A Spin-1/2 Square Lattice Heisenberg Antiferromagnet. <i>Physical Review Letters</i> , <b>2016</b> , 117, 237203	7.4	22
151	Phase diagram of diluted Ising ferromagnet LiHo <sub>x</sub> Y <sub>1-x</sub> F <sub>4</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	1
150	Magnetic structure and magnon dynamics of the quasi-two-dimensional antiferromagnet FePS <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	62
149	Dramatic pressure-driven enhancement of bulk skyrmion stability. <i>Scientific Reports</i> , <b>2016</b> , 6, 21347	4.9	26
148	CAMEA--A novel multiplexing analyzer for neutron spectroscopy. <i>Review of Scientific Instruments</i> , <b>2016</b> , 87, 035109	1.7	18
147	MnO nanoparticles as the cause of ferromagnetism in bulk dilute Mn-doped ZnO. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 252405	3.4	2
146	Evidence of quantum dimer excitations in Sr <sub>3</sub> Ir <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	38
145	A new class of chiral materials hosting magnetic skyrmions beyond room temperature. <i>Nature Communications</i> , <b>2015</b> , 6, 7638	17.4	312
144	Pressure induced evolution of superconductivity and magnetic hourglass dispersion in Fe <sub>1.02</sub> Te <sub>0.7</sub> Se <sub>0.3</sub> . <i>New Journal of Physics</i> , <b>2015</b> , 17, 043020	2.9	

143	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. <i>RSC Advances</i> , <b>2015</b> , 5, 59926-59934	3.7	11
142	Crystal Structure, Transport, and Magnetic Properties of an Ir(6+) Compound Ba <sub>8</sub> Al <sub>2</sub> IrO <sub>14</sub> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 4371-6	5.1	4
141	Néel-type skyrmion lattice with confined orientation in the polar magnetic semiconductor GaV <sub>4</sub> S <sub>8</sub> . <i>Nature Materials</i> , <b>2015</b> , 14, 1116-22	27	386
140	Fractional excitations in the square lattice quantum antiferromagnet. <i>Nature Physics</i> , <b>2015</b> , 11, 62-68	16.2	104
139	Pressure dependence of the magnetic order in CrAs: A neutron diffraction investigation. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	29
138	Spin-orbit-induced orbital excitations in Sr <sub>2</sub> RuO <sub>4</sub> and Ca <sub>2</sub> RuO <sub>4</sub> : A resonant inelastic x-ray scattering study. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	34
137	Importance of XY anisotropy in Sr <sub>2</sub> IrO <sub>4</sub> revealed by magnetic critical scattering experiments. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	30
136	Magnetic model in multiferroic NdFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> investigated by inelastic neutron scattering. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	18
135	Magnons in tetragonal CuO. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	8
134	Neutron spectroscopic study of crystal-field excitations and the effect of the crystal field on dipolar magnetism in LiRF <sub>4</sub> (R=Gd, Ho, Er, Tm, and Yb). <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	12
133	Quantum critical scaling for a Heisenberg spin-1/2 chain around saturation. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	16
132	Sc <sub>2</sub> Ga <sub>2</sub> CuO <sub>7</sub> : A possible quantum spin liquid near the percolation threshold. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	8
131	One-dimensional quantum magnetism in the anhydrous alum KTi(SO <sub>4</sub> ) <sub>2</sub> . <i>New Journal of Physics</i> , <b>2015</b> , 17, 113035	2.9	8
130	Magnetic Dynamics Studied by Time-Resolved Electron Microscopy. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 649-650	0.5	
129	Filming the formation and fluctuation of skyrmion domains by cryo-Lorentz transmission electron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14212-7	11.5	58
128	The use of selected neutron absorption resonance filters to suppress spurious events on hot neutron spectrometers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 780, 9-14	1.2	2
127	Exploration of the helimagnetic and skyrmion lattice phase diagram in Cu <sub>2</sub> OSeO <sub>3</sub> using magnetoelectric susceptibility. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	26
126	Temperature dependence of the pressure induced monoclinic distortion in the spin S=1/2 Shastry-Butherland compound SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Solid State Communications</i> , <b>2014</b> , 186, 13-17	1.6	11

125	Chirality of structure and magnetism in the magnetoelectric compound Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	22
124	Bilayer splitting and wave functions symmetry in Sr <sub>3</sub> Ir <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	15
123	The electronic structure of the high-symmetry perovskite iridate Ba <sub>2</sub> IrO <sub>4</sub> . <i>New Journal of Physics</i> , <b>2014</b> , 16, 013008	2.9	34
122	Electric-field-induced Skyrmion distortion and giant lattice rotation in the magnetoelectric insulator Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 107203	7.4	132
121	Correlated decay of triplet excitations in the Shastry-Sutherland compound SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 067201	7.4	7
120	Nodal Landau Fermi-liquid quasiparticles in overdoped La <sub>1.77</sub> Sr <sub>0.23</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	11
119	Nonequilibrium hysteresis and spin relaxation in the mixed-anisotropy dipolar-coupled spin-glass LiHo <sub>0.5</sub> Er <sub>0.5</sub> F <sub>4</sub> . <i>Physical Review B</i> , <b>2014</b> , 90,	3-3	2
118	Note: versatile sample stick for neutron scattering experiments in high electric fields. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 026112	1.7	6
117	Prismatic analyser concept for neutron spectrometers. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 113908	1.7	13
116	Critical scaling in the cubic helimagnet Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	40
115	Orbital occupancies and the putative $j_{\text{eff}}=12$ ground state in Ba <sub>2</sub> IrO <sub>4</sub> : A combined oxygen K-edge XAS and RIXS study. <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	34
114	Anisotropic softening of magnetic excitations along the nodal direction in superconducting cuprates. <i>Nature Communications</i> , <b>2014</b> , 5, 5760	17.4	44
113	Quantum and thermal ionic motion, oxygen isotope effect, and superexchange distribution in La <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	11
112	An ultra-low temperature scanning Hall probe microscope for magnetic imaging below 40 mK. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 103703	1.7	5
111	Robustness of basal-plane antiferromagnetic order and the $J_{\text{eff}}=1/2$ state in single-layer iridate spin-orbit Mott insulators. <i>Physical Review Letters</i> , <b>2013</b> , 110, 117207	7.4	93
110	Locking of iridium magnetic moments to the correlated rotation of oxygen octahedra in SrIrO <sub>3</sub> revealed by x-ray resonant scattering. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 422202	1.8	61
109	Determining the short-range spin correlations in the spin-chain Li <sub>2</sub> CuO <sub>2</sub> and CuGeO <sub>3</sub> compounds using resonant inelastic x-ray scattering. <i>Physical Review Letters</i> , <b>2013</b> , 110, 087403	7.4	27
108	Field-induced quantum soliton lattice in a frustrated two-leg spin-1/2 ladder. <i>Physical Review Letters</i> , <b>2013</b> , 110, 187201	7.4	20



107	Fractional spinon excitations in the quantum Heisenberg antiferromagnetic chain. <i>Nature Physics</i> , <b>2013</b> , 9, 435-441	16.2	163
106	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> , <b>2013</b> , 88,	3-3	3
105	Spin-gap evolution upon Ca doping in the spin-ladder series $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ studied by inelastic neutron scattering. <i>Physical Review B</i> , <b>2013</b> , 88,	3-3	12
104	Low-energy spin dynamics of the $s = 1/2$ kagome system herbertsmithite. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 106001	1.8	18
103	Low-temperature spin dynamics of a valence bond glass in $\text{Ba}_2\text{YMoO}_6$ . <i>New Journal of Physics</i> , <b>2013</b> , 15, 043024	2.9	17
102	Temperature-dependent electron-phonon coupling in $\text{La}_2\text{Sr}_x\text{CuO}_4$ probed by femtosecond x-ray diffraction. <i>Physical Review B</i> , <b>2013</b> , 88,	3-3	22
101	Glassy low-energy spin fluctuations and anisotropy gap in $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$ . <i>Physical Review B</i> , <b>2013</b> , 87,	3-3	17
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91	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> , <b>2012</b> , 14, 073025	2.9	15
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89	The Jeff = 1/2 insulator Sr <sub>3</sub> Ir <sub>2</sub> O <sub>7</sub> studied by means of angle-resolved photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 415602	1.8	27
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87	Micro-fabrication process for small transport devices of layered manganite. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07E129	2.5	1
86	Unified one-band Hubbard model for magnetic and electronic spectra of the parent compounds of cuprate superconductors. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	34
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