

# Peter J Baker

## 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.

128  
papers

4,070  
citations

30  
h-index

60  
g-index

138  
ext. papers

4,667  
ext. citations

6.5  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
128	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
127	Perspectives for next generation lithium-ion battery cathode materials. <i>APL Materials</i> , <b>2021</b> , 9, 109201	5.7	8
126	Muon spin relaxation and fluctuating magnetism in the pseudogap phase of $YBa_2Cu_3O_y$ . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
125	The Internal Field in a Ferromagnetic Crystal with Chiral Molecular Packing of Achiral Organic Radicals. <i>Magnetochemistry</i> , <b>2021</b> , 7, 71	3.1	1
124	Stoichiometrically driven disorder and local diffusion in NMC cathodes. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 10477-10486	13	1
123	In Situ Diffusion Measurements of a NASICON-Structured All-Solid-State Battery Using Muon Spin Relaxation. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 1527-1536	6.1	4
122	Ion dynamics in fluoride-containing polyatomic anion cathodes by muon spectroscopy. <i>JPhys Materials</i> , <b>2021</b> , 4, 044015	4.2	1
121	Multiple diffusion pathways in $Li_xNi_{0.77}Co_{0.14}Al_{0.09}O_2$ (NCA) Li-ion battery cathodes. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 11545-11552	13	3
120	Muon Spectroscopy for Investigating Diffusion in Energy Storage Materials. <i>Annual Review of Materials Research</i> , <b>2020</b> , 50, 371-393	12.8	10
119	Long- and short-range magnetism in the frustrated double perovskite $Ba_2MnWO_6$ . <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	4
118	Probing Mg Migration in Spinel Oxides. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 663-670	9.6	26
117	Dynamic spin fluctuations in the frustrated A-site spinel $CuAl_2O_4$ . <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	3
116	From magnetic order to quantum disorder in the Zn-barlowite series of $S = 1/2$ kagom $\square$ antiferromagnets. <i>Npj Quantum Materials</i> , <b>2020</b> , 5,	5	7
115	Signatures of a Spin-1/2 Cooperative Paramagnet in the Diluted Triangular Lattice of $Y_2CuTiO_6$ . <i>Physical Review Letters</i> , <b>2020</b> , 125, 117206	7.4	0
114	LiLaMO (M = W, Te) as a new series of lithium-rich double perovskites for all-solid-state lithium-ion batteries. <i>Nature Communications</i> , <b>2020</b> , 11, 6392	17.4	14
113	Evidence for a $J_{eff}=0$ ground state and defect-induced spin glass behavior in the pyrochlore osmate $Y_2Os_2O_7$ . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	2
112	$\mu$ SR and neutron diffraction studies on the tuning of spin-glass phases in the partially ordered double perovskites $SrMn_{1-x}W_xO_3$ . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3

111	Partial cation substitution reduces iodide ion transport in lead iodide perovskite solar cells. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 2264-2272	35.4	99
110	Probing magnetic order and disorder in the one-dimensional molecular spin chains CuF(py <sub>z</sub> ) and [Ln(hfac)(boaDTDA)] (Ln = Sm, La) using implanted muons. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 394002	1.8	1
109	Quantum spin liquid ground state in the disorder free triangular lattice NaYbS <sub>2</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	27
108	Evaluating lithium diffusion mechanisms in the complex spinel LiNiGeO. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 23111-23118	3.6	8
107	Influence of bromide content on iodide migration in inverted MAPb(I <sub>1-x</sub> Br <sub>x</sub> ) <sub>3</sub> perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 22604-22614	13	23
106	Two-gap superconductivity with line nodes in CsCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	21
105	Developing the Muon Facilities at ISIS <b>2018</b> ,		3
104	Mechanistic insights of Li diffusion within doped LiFePO from Muon Spectroscopy. <i>Scientific Reports</i> , <b>2018</b> , 8, 4114	4.9	15
103	NaLaTeO: Na conduction in a novel Na-rich double perovskite. <i>Chemical Communications</i> , <b>2018</b> , 54, 10040-10043	9.8	34
102	Structure-property insights into nanostructured electrodes for Li-ion batteries from local structural and diffusional probes. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 127-137	13	17
101	Quantum Spin Liquid from a Three-Dimensional Copper-Oxalate Framework. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 122-125	16.4	14
100	Quantum-critical spin dynamics in a Tomonaga-Luttinger liquid studied with muon-spin relaxation. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	3
99	Long-range dynamical magnetic order and spin tunneling in the cooperative paramagnetic states of the pyrochlore analogous spinel antiferromagnets CdYb <sub>2</sub> X <sub>4</sub> (X=S or Se). <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	9
98	Coexistence of magnetism and superconductivity in separate layers of the iron-based superconductor Li <sub>1-x</sub> Fex(OH)Fe <sub>1-x</sub> Se. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	8
97	Slow spin tunneling in the paramagnetic phase of the pyrochlore Nd <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	6
96	Quantum Griffiths Phase Inside the Ferromagnetic Phase of Ni <sub>1-x</sub> V <sub>x</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 118, 267202	7.4	18
95	Possible quadrupolar nematic phase in the frustrated spin chain LiCuSbO <sub>4</sub> : An NMR investigation. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	5
94	Muon Spin Relaxation Evidence for the U(1) Quantum Spin-Liquid Ground State in the Triangular Antiferromagnet YbMgGaO <sub>4</sub> . <i>Physical Review Letters</i> , <b>2016</b> , 117, 097201	7.4	97

93	Coupled commensurate charge density wave and lattice distortion in Na <sub>2</sub> Ti <sub>2</sub> Pn <sub>2</sub> O (Pn=As,Sb) determined by x-ray diffraction and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	6
92	Structural and magnetic properties of the 5d <sup>2</sup> double perovskites Sr <sub>2</sub> BReO <sub>6</sub> (B=Y, In). <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	15
91	Unconventional magnetism on a honeycomb lattice in RuCl <sub>3</sub> studied by muon spin rotation. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	14
90	Fast microwave-assisted synthesis of Li-stuffed garnets and insights into Li diffusion from muon spin spectroscopy. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 1729-1736	1.3	45
89	Antiferromagnetism in a Family of S = 1 Square Lattice Coordination Polymers NiX <sub>2</sub> (pyz) <sub>2</sub> (X = Cl, Br, I, NCS; pyz = Pyrazine). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 3515-29	5.1	15
88	Magnetic surfactants as molecular based-magnets with spin glass-like properties. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 176002	1.8	7
87	Studies of a Large Odd-Numbered Odd-Electron Metal Ring: Inelastic Neutron Scattering and Muon Spin Relaxation Spectroscopy of Cr <sub>8</sub> Mn. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1779-88	4.8	20
86	Nanoscale depth-resolved polymer dynamics probed by the implantation of low energy muons. <i>Polymer</i> , <b>2016</b> , 105, 516-525	3.9	2
85	Robustness of superconductivity to competing magnetic phases in tetragonal FeS. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	15
84	Spin-liquid ground state in the frustrated J <sub>1</sub> J <sub>2</sub> zigzag chain system BaTb <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	10
83	Elevated Curie temperature and half-metallicity in the ferromagnetic semiconductor La <sub>x</sub> Eu <sub>1-x</sub> O. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	3
82	Questioning Antiferromagnetic Ordering in the Expanded Metal, Li(NH <sub>3</sub> ) <sub>4</sub> : A Lack of Evidence from BR. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 3966-70	6.4	
81	Superconducting properties of noncentrosymmetric superconductor CaIrSi <sub>3</sub> investigated by muon spin relaxation and rotation. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	11
80	Magnetic ground state of the two isostructural polymeric quantum magnets [Cu(HF <sub>2</sub> )(pyrazine) <sub>2</sub> ]SbF <sub>6</sub> and [Co(HF <sub>2</sub> )(pyrazine) <sub>2</sub> ]SbF <sub>6</sub> investigated with neutron powder diffraction. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	9
79	Evidence for magnetic clusters in Ni <sub>1-x</sub> V <sub>x</sub> close to the quantum critical concentration. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 592, 012089	0.3	3
78	Exotic magnetism on the quasi-fcc lattices of the d <sup>3</sup> double Perovskites La <sub>2</sub> NaB <sub>Q</sub> O <sub>6</sub> (B <sub>Q</sub> Ru, Os). <i>Physical Review Letters</i> , <b>2014</b> , 112, 117603	7.4	31
77	Stripe disorder and dynamics in the hole-doped antiferromagnetic insulator La <sub>5/3</sub> Sr <sub>1/3</sub> CoO <sub>4</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	13
76	Muon studies of Li <sup>+</sup> diffusion in LiFePO <sub>4</sub> nanoparticles of different polymorphs. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 6238-6245	1.3	43

75	Developments at the ISIS muon source and the concomitant benefit to the user community. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 551, 012067	0.3	11
74	Candidate quantum spin liquid due to dimensional reduction of a two-dimensional honeycomb lattice. <i>Scientific Reports</i> , <b>2014</b> , 4, 6451	4.9	16
73	Probing the magnetic phases in the Ni-V alloy close to the disordered ferromagnetic quantum critical point with $\mu$ SR. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 551, 012003	0.3	5
72	Controlling Magnetic Order and Quantum Disorder in Molecule-Based Magnets. <i>Physical Review Letters</i> , <b>2014</b> , 112,	7.4	17
71	Local magnetism and spin correlations in the geometrically frustrated cluster magnet $\text{LiZn}_2\text{Mo}_3\text{O}_8$ . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	33
70	Magnetic fluctuations and spin freezing in nonsuperconducting $\text{LiFeAs}$ derivatives. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	9
69	AC magnetic measurement of $\text{LiFeAs}$ at pressures up to 5.2 GPa: The relation between $T_c$ and the structural parameters. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 445-447	0.6	2
68	Enhancement of the superconducting transition temperature of $\text{FeSe}$ by intercalation of a molecular spacer layer. <i>Nature Materials</i> , <b>2013</b> , 12, 15-9	27	324
67	Evidence for superconductivity with broken time-reversal symmetry in locally noncentrosymmetric $\text{SrPtAs}$ . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	118
66	Weak magnetic transitions in pyrochlore $\text{Bi}_2\text{Ir}_2\text{O}_7$ . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	19
65	Properties of new magnetic surfactants. <i>Langmuir</i> , <b>2013</b> , 29, 3246-51	4	64
64	Spatially homogeneous ferromagnetism below the enhanced Curie temperature in $\text{EuO}(1-x)$ thin films. <i>Physical Review Letters</i> , <b>2013</b> , 110, 217208	7.4	12
63	$\mu$ SR study of magnetic order in the organic quasi-one-dimensional ferromagnet $\text{F4BImNN}$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	15
62	Magnetic transition and spin dynamics in the triangular Heisenberg antiferromagnet $\text{KCrO}_2$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	6
61	Spin waves and revised crystal structure of honeycomb iridate $\text{Na}_2\text{IrO}_3$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 127204	7.4	408
60	Influence of HF $_2$ - geometry on magnetic interactions elucidated from polymorphs of the metal-organic framework $[\text{Ni}(\text{HF}_2)(\text{pyz})_2]\text{PF}_6$ (pyz = pyrazine). <i>Dalton Transactions</i> , <b>2012</b> , 41, 7235-43	4.3	15
59	Gradual destruction of magnetism in the superconducting family $\text{NaFe}_{1-x}\text{Co}_x\text{As}$ . <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	38
58	Persistent dynamics in the $S=1/2$ quasi-one-dimensional chain compound $\text{Rb}_4\text{Cu}(\text{MoO}_4)_3$ probed with muon-spin relaxation. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	10

57	Unusual field dependence of spin fluctuations on different timescales in Tb <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	15
56	Magnetic order in quasi-two-dimensional molecular magnets investigated with muon-spin relaxation. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	30
55	Observation of a level crossing in a molecular nanomagnet using implanted muons. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 242201	1.8	8
54	Magnetic and non-magnetic phases of a quantum spin liquid. <i>Nature</i> , <b>2011</b> , 471, 612-6	50.4	132
53	Probing magnetic order in LiMPO <sub>4</sub> (M= Ni, Co, Fe) and lithium diffusion in Li <sub>x</sub> FePO <sub>4</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	28
52	Measurement of the internal magnetic field in the correlated iridates Ca <sub>4</sub> IrO <sub>6</sub> , Ca <sub>5</sub> Ir <sub>3</sub> O <sub>12</sub> , Sr <sub>3</sub> Ir <sub>2</sub> O <sub>7</sub> and Sr <sub>2</sub> IrO <sub>4</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	39
51	Local magnetism in the molecule-based metamagnet [Ru <sub>2</sub> (O <sub>2</sub> CMe) <sub>4</sub> ] <sub>3</sub> [Cr(CN) <sub>6</sub> ] probed with implanted muons. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	4
50	Design and commissioning of a high magnetic field muon spin relaxation spectrometer at the ISIS pulsed neutron and muon source. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 073904	1.7	22
49	Low-moment magnetism in the double perovskites Ba <sub>2</sub> MOsO <sub>6</sub> (M=Li,Na). <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	23
48	Dynamic fields in the partial magnetization plateau of Ca <sub>10</sub> Mo <sub>6</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 306001	1.8	5
47	Fabrication and Electrical Properties of Bulk Textured LiCoO <sub>2</sub> . <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 1856	3.8	8
46	Polymorphism control of superconductivity and magnetism in Cs(3)C(60) close to the Mott transition. <i>Nature</i> , <b>2010</b> , 466, 221-5	50.4	177
45	Coexistence of superconductivity and magnetism by chemical design. <i>Nature Chemistry</i> , <b>2010</b> , 2, 1031-6	17.6	129
44	Muon spin relaxation investigation of magnetic ordering in the hybrid organic-inorganic perovskites [(CH <sub>3</sub> ) <sub>2</sub> NH <sub>2</sub> ] <sub>3</sub> M(HCOO) <sub>3</sub> (M=Ni,Co,Mn,Cu). <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	40
43	Control of the competition between a magnetic phase and a superconducting phase in cobalt-doped and nickel-doped NaFeAs using electron count. <i>Physical Review Letters</i> , <b>2010</b> , 104, 057007	7.4	104
42	Muon-spin relaxation and heat capacity measurements on the magnetoelectric and multiferroic pyroxenes LiFeSi <sub>2</sub> O <sub>6</sub> and NaFeSi <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	19
41	Phase transition in the localized ferromagnet EuO probed by $\mu$ SR. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	14
40	Relaxation of muon spins in molecular nanomagnets. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	11

39	Giant Magnetic Hardness in the Synthetic Mineral Ferrimagnet $K_2CoI_3(OH)_2(SO_4)_3(H_2O)_2$ . <i>Chemistry of Materials</i> , <b>2010</b> , 22, 4090-4095	9.6	18
38	Local magnetism and magnetoelectric effect in $HoMnO_3$ studied with muon-spin relaxation. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	6
37	Compositional control of the superconducting properties of $LiFeAs$ . <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 10467-76	16.4	58
36	Two-dimensional magnetism in the pnictide superconductor parent material $SrFeAsF$ probed by muon-spin relaxation. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	17
35	Enhanced superfluid stiffness, lowered superconducting transition temperature, and field-induced magnetic state of the pnictide superconductor $LiFeAs$ . <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	41
34	Two-dimensional XY behavior observed in quasi-two-dimensional quantum Heisenberg antiferromagnets. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	40
33	Spin freezing and dynamics in $Ca_3Co_2Mn_xO_6$ ( $x=0.95$ ) investigated with implanted muons: Disorder in the anisotropic next-nearest-neighbor Ising model. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	26
32	Coexistence of static magnetism and superconductivity in $SmFeAsO(1-x)F(x)$ as revealed by muon spin rotation. <i>Nature Materials</i> , <b>2009</b> , 8, 310-4	27	245
31	HiFi: A new high field muon spectrometer at ISIS. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 978-981	2.8	5
30	Strong H...F hydrogen bonds as synthons in polymeric quantum magnets: structural, magnetic, and theoretical characterization of $[Cu(HF_2)(pyrazine)_2]SbF_6$ , $[Cu_2F(HF)(HF_2)(pyrazine)_4](SbF_6)_2$ , and $[CuAg(H_3F_4)(pyrazine)_5](SbF_6)_2$ . <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6733-47	16.4	72
29	Frustration of magnetic and ferroelectric long-range order in $Bi_2Mn_{4/3}Ni_{2/3}O_6$ . <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14000-17	16.4	26
28	Characterization of the antiferromagnetism in $Ag(py_2)_2(S_2O_8)$ ( $py_2$ = pyrazine) with a two-dimensional square lattice of $Ag^{2+}$ ions. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4590-1	16.4	22
27	Structure, antiferromagnetism and superconductivity of the layered iron arsenide $NaFeAs$ . <i>Chemical Communications</i> , <b>2009</b> , 2189-91	5.8	178
26	Response of superconductivity and crystal structure of $LiFeAs$ to hydrostatic pressure. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2986-92	16.4	49
25	Heat capacity measurements on $FeAs$ -based compounds: a thermodynamic probe of electronic and magnetic states. <i>New Journal of Physics</i> , <b>2009</b> , 11, 025010	2.9	33
24	Tuning the interlayer spacing of high- $T_c$ Bi-based superconductors by intercalation: measuring the penetration depth and the two-dimensional superfluid density. <i>Physical Review Letters</i> , <b>2009</b> , 102, 087002	7.4	13
23	Coexistence of magnetic fluctuations and superconductivity in the pnictide high temperature superconductor $SmFeAsO_{1-x}F_x$ measured by muon spin rotation. <i>Physical Review Letters</i> , <b>2008</b> , 101, 097010	7.4	111
22	Isotope effect in quasi-two-dimensional metal-organic antiferromagnets. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	21

21	Magnetic properties and magnetic structures of synthetic natrochalcites, $\text{NaM(II)}_2(\text{D}_3\text{O}_2)(\text{MoO}_4)_2$ , $\text{M} = \text{Co}$ or $\text{Ni}$ . <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 13490-9	16.4	23
20	Muon spin relaxation study of $\text{LaTiO}_3$ and $\text{YTiO}_3$ . <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 465203	7.4	4
19	Magnetism and orbitally driven spin-singlet states in Ru oxides: A muon-spin rotation study. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	11
18	Anomalous temperature evolution of the internal magnetic field distribution in the charge-ordered triangular antiferromagnet $\text{AgNiO}_2$ . <i>Physical Review Letters</i> , <b>2008</b> , 100, 017206	7.4	11
17	Characteristic muon precession and relaxation signals in FeAs and FeAs <sub>2</sub> : Possible impurity phases in pnictide superconductors. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	10
16	Synthesis and characterization of two metallic spin-glass phases of $\text{FeMo}_4\text{Ge}_3$ . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	3
15	Effect of magnesium doping on the orbital and magnetic order in $\text{LiNiO}_2$ . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	14
14	Chiral-like critical behavior in the antiferromagnet cobalt glycerolate. <i>Physical Review Letters</i> , <b>2007</b> , 99, 017202	7.4	17
13	as a probe of anisotropy in low-dimensional molecular magnets. <i>Journal of Physics and Chemistry of Solids</i> , <b>2007</b> , 68, 2039-2043	3.9	18
12	A muon-spin relaxation study of $\text{BiMnO}_3$ . <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 376203	1.8	3
11	Kagome staircase compounds $\text{Ni}_3\text{V}_2\text{O}_8$ and $\text{Co}_3\text{V}_2\text{O}_8$ studied with implanted muons. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	22
10	Magnetism in geometrically frustrated $\text{YMnO}_3$ under hydrostatic pressure studied with muon spin relaxation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 197203	7.4	25
9	Muon-fluorine entangled states in molecular magnets. <i>Physical Review Letters</i> , <b>2007</b> , 99, 267601	7.4	36
8	Magnetic order in the $S=1/2$ two-dimensional molecular antiferromagnet copper pyrazine perchlorate $\text{Cu}(\text{Pz})_2(\text{ClO}_4)_2$ . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	54
7	Intrinsic magnetic order in $\text{Cs}_2\text{AgF}_4$ detected by muon-spin relaxation. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	18
6	Muon-spin relaxation measurements on the dimerized spin- $1/2$ chains $\text{NaTiSi}_2\text{O}_6$ and $\text{TiOCl}$ . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	21
5	Muon-spin relaxation study of the spin- $1/2$ molecular chain compound $\text{Cu}(\text{HCO}_2)_2(\text{C}_4\text{H}_4\text{N}_2)$ . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	13
4	Magnetism in the $S=1$ frustrated antiferromagnet $\text{GeNi}_2\text{O}_4$ studied using implanted muons. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	9

3	Magnetic order in the quasi-one-dimensional spin-1/2 molecular chain compound copper pyrazine dinitrate. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	80
2	Thermodynamic and magnetic properties of the layered triangular magnet NaNiO <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 374-375, 47-50	2.8	2
1	Thermodynamic and magnetic properties of the layered triangular magnet NaNiO <sub>2</sub> . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	25