

# Tom Lancaster

## List of Publications by Year in descending order

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242  
papers

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citations

101496

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261  
docs citations

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times ranked

5550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the magnetic polaron state in the ferromagnetic semiconductor $\text{HgCr}_2\text{S}_4$ with muon-spin spectroscopy and resistance-fluctuation measurements. <i>Physical Review B</i> , 2022, 105, .		
2	Energy-gap driven low-temperature magnetic and transport properties in $\text{CrS}_2$ with muon-spin spectroscopy and resistance-fluctuation measurements. <i>Physical Review B</i> , 2022, 105, .		
3	Magnetism in the $\text{NaOsO}_3$ skyrmion host $\text{M}_2\text{S}_8$ ( $\text{M} = \text{Nb, Ta}$ ). <i>Physical Review B</i> , 2022, 105, .	1.1	1
4	Muon- $\epsilon$ Nitrogen Quadrupolar Level Crossing Resonance in a Charge Transfer Salt. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7529-7534.	1.5	2
5	Megahertz dynamics in skyrmion systems probed with muon-spin relaxation. <i>Physical Review B</i> , 2021, 103, .	1.1	9
6	Magnetic order and ballistic spin transport in a sine-Gordon spin chain. <i>Physical Review B</i> , 2021, 103, .	1.1	6
7	Magnetic ground state of the one-dimensional ferromagnetic chain compounds $\text{M}_2\text{S}_8$		

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19	Enhancing easy-plane anisotropy in bespoke Ni(II) quantum magnets. Polyhedron, 2020, 180, 114379.	1.0	10
20	Near-ideal molecule-based Haldane spin chain. Physical Review Research, 2020, 2, .	1.3	9
21	Magnetism and Néel skyrmion dynamics in $\text{GaV}_4\text{S}_8$ . Physical Review Research, 2020, 2, .	1.3	9
22	Increased lifetime of metastable skyrmions by controlled doping. Physical Review B, 2019, 100, .	1.1	32
23	Determining the anisotropy and exchange parameters of polycrystalline spin-1 magnets. New Journal of Physics, 2019, 21, 093025.	1.2	7
24	Magnetic order and enhanced exchange in the quasi-one-dimensional molecule-based antiferromagnet $\text{Cu}(\text{NO}_3)_2(\text{pyz})_3$ . Physical Chemistry Chemical Physics, 2019, 21, 1014-1018.	1.3	11
25	Emergence and topological order in classical and quantum systems. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2019, 66, 155-169.	1.4	7
26	Local magnetism, magnetic order and spin freezing in the $\tilde{\text{nonmetallic metal}}^{\text{TM}}$ FeCrAs. Journal of Physics Condensed Matter, 2019, 31, 285803.	0.7	8
27	Spin dynamics and field-induced magnetic phase transition in the honeycomb Kitaev magnet $\text{Mn}_2\text{S}_7$ . Physical Review B, 2019, 99, .	0.7	3
28	Unconventional Field-Induced Spin Gap in an $\text{S}=\frac{1}{2}$ Chiral Staggered Chain. Physical Review Letters, 2019, 122, 057207.	2.9	9
29	Probing magnetic order and disorder in the one-dimensional molecular spin chains $\text{CuF}_2(\text{pyz})$ and $[\text{Ln}(\text{hfac})_3(\text{boaDTDA})_3]_n$ ( $\text{Ln} = \text{Sm, La}$ ) using implanted muons. Journal of Physics Condensed Matter, 2019, 31, 394002.	0.7	3
30	Skyrmions in magnetic materials. Contemporary Physics, 2019, 60, 246-261.	0.8	24
31	Investigating the magnetic ground state of the skyrmion host material $\text{Cu}_2\text{OSeO}_3$ using long-wavelength neutron diffraction. AIP Advances, 2019, 9, 125228.	0.6	0
32	Spin Jahn-Teller antiferromagnetism in $\text{CoTi}_2\text{O}_5$ . Physical Review B, 2019, 99, .	1.1	10
33	The Emergence of Excitations in Quantum Fields. , 2019, , 275-286.		1
34	Quantum mechanical tunneling in the automerization of cyclobutadiene. Journal of Chemical Physics, 2018, 148, 104109.	1.2	5
35	Implications of bond disorder in a $S=1$ kagome lattice. Scientific Reports, 2018, 8, 4745.	1.6	5
36	Proposal for a micromagnetic standard problem for materials with Dzyaloshinskii-Moriya interaction. New Journal of Physics, 2018, 20, 113015.	1.2	35

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37	Quantum magnetism in molecular spin ladders probed with muon-spin spectroscopy. New Journal of Physics, 2018, 20, 103002.	1.2	12
38	Static and Fluctuating Magnetic Moments in the Ferroelectric Metal LiOsO <sub>3</sub> . , 2018, , .		3
39	Microscopic effects of Dy doping in the topological insulator $\text{Bi}_2\text{Te}_3$ Physical Review B, 2018, 97, 104411		
40	Magnetic phases of skyrmion-hosting $\text{GaV}_4\text{S}_8$ $\hat{S}_y$		

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55	La <sub>2</sub> SrCr <sub>2</sub> O <sub>7</sub> : Controlling the Tilting Distortions of $n = 2$ Ruddlesden-Popper Phases through A-Site Cation Order. Inorganic Chemistry, 2016, 55, 8951-8960.	1.9	21
56	Control of the third dimension in copper-based square-lattice antiferromagnets. Physical Review B, 2016, 93, .	1.1	18
57	Magnetic phase diagram of $\text{La}_{1-x}\text{Sr}_x\text{Cu}_2\text{O}_7$ using muon-spin relaxation. Physical Review B, 2016, 93, .		
58	Transverse field muon-spin rotation measurement of the topological anomaly in a thin film of MnSi. Physical Review B, 2016, 93, .	1.1	12
59	Magnetization dynamics and frustration in the multiferroic double perovskite $\text{Lu}_2\text{Mn}_2\text{O}_7$ . Physical Review B, 2016, 93, .		
60	Effect of disorder on a pressure-induced quantum phase transition. Physical Review B, 2016, 94, .		
61	Antiferromagnetism in a Family of $S = 1$ Square Lattice Coordination Polymers $\text{NiX}_2(\text{pyz})_2$ ( $X = \text{Cl}, \text{Br}, \text{I}, \text{NCS}$ ; $\text{pyz} = \text{Pyrazine}$ ). Inorganic Chemistry, 2016, 55, 3515-3529.	1.9	23
62	Experimental and Theoretical Electron Density Analysis of Copper Pyrazine Nitrate Quasi-Low-Dimensional Quantum Magnets. Journal of the American Chemical Society, 2016, 138, 2280-2291.	6.6	42
63	Muon-spin relaxation study of the double perovskite insulators $\text{Sr}_2\text{B}_2\text{OsO}_6$ ( $\text{B} = \text{Fe}, \text{Y}, \text{In}$ ). Journal of Physics Condensed Matter, 2016, 28, 076001.	0.7	9
64	La <sub>2</sub> SrCr <sub>2</sub> O <sub>7</sub> F <sub>2</sub> : A Ruddlesden-Popper Oxyfluoride Containing Octahedrally Coordinated Cr <sup>4+</sup> Centers. Inorganic Chemistry, 2016, 55, 3169-3174.	1.9	26
65	Spin diffusion in the low-dimensional molecular quantum Heisenberg antiferromagnet $\text{Cu}_2\text{O}$ with implanted muons. Physical Review B, 2015, 91, .		
66	Robustness of superconductivity to structural disorder in $\text{Sr}_{1-x}\text{Ca}_x\text{Cu}_2\text{O}_7$ . Physical Review B, 2015, 92, .		
67	Transverse field muon-spin rotation signature of the skyrmion-lattice phase in $\text{Cu}_2\text{O}$ . Physical Review B, 2015, 91, .		
68	Magnetic ground state of the two isostructural polymeric quantum magnets $\text{Cu}_2\text{O}$ . Physical Review B, 2015, 92, .		
69	Evidence for magnetic clusters in $\text{Ni}_x\text{V}_{1-x}$ close to the quantum critical concentration. Journal of Physics: Conference Series, 2015, 592, 012089.	0.3	4
70	Reduction and emergence in the fractional quantum Hall state. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2015, 52, 343-357.	1.4	19
71	Magnetostructural relationship in the tetrahedral spin-chain oxide $\text{CsCoO}_2$ . Physical Review B, 2015, 91, .	1.1	2
72	Anisotropic Local Modification of Crystal Field Levels in Pr-Based Pyrochlores: A Muon-Induced Effect Modeled Using Density Functional Theory. Physical Review Letters, 2015, 114, 017602.	2.9	61

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73	Lectures on Classical Electrodynamics, by Berthold-Georg Englert. Contemporary Physics, 2015, 56, 496-496.	0.8	0
74	Probing the magnetic phases in the Ni-V alloy close to the disordered ferromagnetic quantum critical point with $\mu$ SR. Journal of Physics: Conference Series, 2014, 551, 012003.	0.3	7
75	Controlling Magnetic Order and Quantum Disorder in Molecule-Based Magnets. Physical Review Letters, 2014, 112, .	2.9	24
76	Local magnetism and spin correlations in the geometrically frustrated cluster magnet $\text{LiZn}_2\text{V}_4\text{O}_{14}$ . Physical Review B, 2014, 89, .	4.6	46
77	Dipolar ordering in a molecular nanomagnet detected using muon spin relaxation. Physical Review B, 2014, 89, .	1.1	5
78	Lattice-Site-Specific Spin Dynamics in Double Perovskite $\text{Sr}_2\text{Co}_2\text{V}_2\text{O}_{10}$ . Physical Review Letters, 2014, 112, 147202. <a href="#">red antiferromagnetic insulator <math>\text{La}_2\text{Co}_2\text{V}_2\text{O}_{10}</math></a>	2.9	59
79	$\text{Sr}_5\text{Co}_3\text{O}_{15}$ as a $\text{CoO}$ chain. Physical Review B, 2014, .	1.1	15
80	Examples of Lagrangians, or how to write down a theory. , 2014, , 64-69.		0
81	Fields with many components and massive electromagnetism. , 2014, , 117-125.		0
82	The generating functional for fields. , 2014, , 201-208.		0
83	Continuous systems. , 2014, , 50-58.		0
84	Topological field theory. , 2014, , 267-272.		0
85	The renormalization group. , 2014, , 302-312.		0
86	Field integrals. , 2014, , 221-227.		0
87	The passage of time. , 2014, , 72-78.		0
88	Making second quantization work. , 2014, , 37-48.		0
89	Expanding the S-matrix: Feynman diagrams. , 2014, , 175-187.		0
90	Superconductors. , 2014, , 400-410.		0

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91	Magnetic monopoles. , 2014, , 451-456.		0
92	QED scattering: three famous cross-sections. , 2014, , 355-359.		0
93	Propagators and Greenâ€™s functions. , 2014, , 144-153.		0
94	Topological objects. , 2014, , 260-266.		0
95	Discrete transformations. , 2014, , 135-142.		0
96	Occupation number representation. , 2014, , 28-36.		0
97	The S-matrix. , 2014, , 165-174.		0
98	The renormalization of QED and two great results. , 2014, , 360-368.		0
99	Ferromagnetism: a renormalization group tutorial. , 2014, , 313-320.		0
100	The many-body problem and the metal. , 2014, , 380-399.		0
101	Renormalization, quasiparticles and the Fermi surface. , 2014, , 274-284.		0
102	Renormalization in action: propagators and Feynman diagrams. , 2014, , 295-301.		0
103	How to transform a spinor. , 2014, , 336-340.		0
104	Canonical quantization of fields. , 2014, , 98-108.		0
105	Majorana fermions. , 2014, , 444-450.		0
106	Path integrals: I said to him, â€™Youâ€™re crazyâ€™. , 2014, , 210-220.		0
107	Instantons, tunnelling and the end of the world. , 2014, , 457-466.		0
108	Lagrangians. , 2014, , 10-18.		0

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109	Gauge fields and gauge theory. , 2014, , 126-134.		0
110	Grassmann numbers: coherent states and the path integral for fermions. , 2014, , 255-258.		0
111	The Dirac equation. , 2014, , 322-335.		0
112	Statistical physics: a crash course. , 2014, , 196-200.		0
113	The fractional quantum Hall fluid. , 2014, , 411-421.		0
114	Propagators and fields. , 2014, , 154-164.		0
115	Broken symmetry. , 2014, , 237-246.		0
116	Renormalization: the problem and its solution. , 2014, , 285-294.		0
117	Non-abelian gauge theory. , 2014, , 424-432.		0
118	The Weinberg-Salam model. , 2014, , 433-443.		0
119	A rough guide to quantum electrodynamics. , 2014, , 348-354.		0
120	Superfluids. , 2014, , 370-379.		0
121	Quantum mechanical transformations. , 2014, , 79-89.		0
122	Statistical field theory. , 2014, , 228-236.		0
123	A first stab at relativistic quantum mechanics. , 2014, , 59-63.		0
124	The quantum Dirac field. , 2014, , 341-347.		0
125	Examples of canonical quantization. , 2014, , 109-116.		0
126	Scattering theory. , 2014, , 188-194.		0



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127	Coherent states. , 2014, , 247-254.		0
128	Simple harmonic oscillators. , 2014, , 19-27.		0
129	Magnetic fluctuations and spin freezing in nonsuperconducting LiFeAs derivatives. Physical Review B, 2013, 88, .	1.1	15
130	Antiferromagnetic ordering through a hydrogen-bonded network in the molecular solid $\text{CuF}_2(\text{H}_2\text{O})_2(3\text{-chloropyridine})$ . Chemical Communications, 2013, 49, 499-501.	2.2	18
131	Enhancement of the superconducting transition temperature of FeSe by intercalation of a molecular spacer layer. Nature Materials, 2013, 12, 15-19.	13.3	367
132	$\text{Mn}(\text{dca})_2(\text{o-phen})$ {dca=dicyanamide; o-phen=1,10-phenanthroline}: Long-range magnetic order in a low-dimensional Mn-dca polymer. Polyhedron, 2013, 52, 679-688.	1.0	8
133	Quantum states of muons in fluorides. Physical Review B, 2013, 87, .	1.1	57
134	Weak magnetic transitions in pyrochlore $\text{Bi}_2\text{Ir}_2\text{O}_7$ . Physical Review B, 2013, 87, .	1.1	21
135	A muon spin relaxation study of the metal-organic magnet $\text{Ni}(\text{TCNQ})_2$ . Journal of Applied Physics, 2013, 113, .	1.1	7
136	Evolution of magnetic interactions in a pressure-induced Jahn-Teller driven magnetic dimensionality switch. Physical Review B, 2013, 87, .	1.1	32
137	$\mu\text{SR}$ study of magnetic order in the organic quasi-one-dimensional ferromagnet $\text{F4BmNN}$ . Physical Review B, 2013, 88, .	1.1	21
138	Magnetic transition and spin dynamics in the triangular Heisenberg antiferromagnet $\text{KCrO}_2$ . Physical Review B, 2013, 88, .	1.1	9
139	Low-Field Superconducting Phase of $\text{TMTSF-xTjETQq}$ . Physical Review Letters, 2013, 110, 107005.	1.1	0.784314 2.9 23 rgB
140	Another dimension: investigations of molecular magnetism using muon spin relaxation. Physica Scripta, 2013, 88, 068506.	1.2	13
141	Playing quantum hide-and-seek with the muon: localizing muon stopping sites. Physica Scripta, 2013, 88, 068510.	1.2	67
142	Gradual destruction of magnetism in the superconducting family $\text{NaFe}_1-x\text{Co}_x\text{As}$ . Physical Review B, 2013, 88, .	1.1	4
143	Chain compound $\text{Rb}_2\text{As}_2\text{F}_8$ . Physical Review B, 2013, 88, .	1.1	2

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145	Spin Waves and Revised Crystal Structure of Honeycomb Iridate $\text{NaIrO}_3$ . Physical Review Letters, 2012, 108, 127204.	2.9	502
146	Importance of Halogen-Halogen Contacts for the Structural and Magnetic Properties of $\text{CuX}_2(\text{pyrazine-N}, \text{N-dioxide})(\text{H}_2\text{O})_2$ (X = Cl and Br). Inorganic Chemistry, 2012, 51, 2121-2129.	1.9	38
147	A Bayesian Approach to Magnetic Moment Determination Using $^{1/4}\text{SR}$ . Physics Procedia, 2012, 30, 113-116.	1.2	8
148	$\text{Ag}(\text{nic})_2$ (nic = Nicotinate): A Spin-Canted Quasi-2D Antiferromagnet Composed of Square-Planar $\text{Ag}^{\text{I}}$ Ions. Inorganic Chemistry, 2012, 51, 1989-1991.	1.9	7
149	$[\text{Ni}(\text{HF}_2)_2(3\text{-Clpy})_4]\text{BF}_4$ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted $\text{F}_4\text{H}_4\text{F}$ Bridges in a One-Dimensional Polymeric Chain. Inorganic Chemistry, 2012, 51, 7520-7528.	1.9	19
150	Influence of $\text{HF}_2^-$ 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). Dalton Transactions, 2012, 41, 7235.	1.6	16
151	Magnetic order in quasi-two-dimensional molecular magnets investigated with muon-spin relaxation. Physical Review B, 2011, 84, .	1.1	34
152	Superconductivity and fluctuating magnetism in quasi-two-dimensional $\text{Li}^{\text{p}}\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$ probed with implanted muons. Physical Review B, 2011, 83, .	1.1	5
153	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets $[\text{Ni}(\text{HF}_2)(\text{pyz})_2]\text{X}$ (pyz = pyrazine; X = $\text{PF}_6$ , $\text{Tl}^+$ , $\text{EtQq}^+$ ). Inorganic Chemistry, 2011, 50, 5990-6009.	1.9	30
154	Observation of a level crossing in a molecular nanomagnet using implanted muons. Journal of Physics Condensed Matter, 2011, 23, 242201.	0.7	9
155	Magnetic and non-magnetic phases of a quantum spin liquid. Nature, 2011, 471, 612-616.	13.7	155
156	Probing magnetic order in $\text{LiMPO}$		



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181	Frustration of Magnetic and Ferroelectric Long-Range Order in $\text{Bi}_2\text{Mn}_{4/3}\text{Ni}_2\text{O}_6$ . Journal of the American Chemical Society, 2009, 131, 14000-14017.	6.6	27
182	Characterization of the Antiferromagnetism in $\text{Ag}(\text{pyz})_2(\text{S}_2\text{O}_8)$ (pyz = Pyrazine) with a Two-Dimensional Square Lattice of $\text{Ag}^{2+}$ Ions. Journal of the American Chemical Society, 2009, 131, 4590-4591.	6.6	27
183	Structure, antiferromagnetism and superconductivity of the layered iron arsenide $\text{NaFeAs}$ . Chemical Communications, 2009, , 2189.	2.2	201
184	Tuning the Interlayer Spacing of High- $T_c$ Bi-Based Superconductors by Intercalation: Measuring the Penetration Depth and the Two-Dimensional Superfluid Density. Physical Review Letters, 2009, 102, 087002.	2.9	17
185	Coexistence of Magnetic Fluctuations and Superconductivity in the Pnictide High Temperature Superconductor $\text{SmFeAsO}_{1-x}\text{F}_x$ Measured by Muon Spin Rotation. Physical Review Letters, 2008, 101, 097010.	1.1	21
186	Isotope effect in quasi-two-dimensional metal-organic antiferromagnets. Physical Review B, 2008, 78, .	1.1	21
187	Experimental and Theoretical Characterization of the Magnetic Properties of $\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})$ (pyz = pyrazine): A Two-Dimensional Quantum Magnet Arising from Supersuperexchange Interactions through Hydrogen Bonded Paths. Chemistry of Materials, 2008, 20, 7408-7416.	3.2	59
188	Experimentally determining the exchange parameters of quasi-two-dimensional Heisenberg magnets. New Journal of Physics, 2008, 10, 083025.	1.2	106
189	Muon spin relaxation study of $\text{LaTiO}_3$ and $\text{YTiO}_3$ . Journal of Physics Condensed Matter, 2008, 20, 465203.	0.7	4
190	Magnetism and orbitally driven spin-singlet states in Ru oxides: A muon-spin rotation study. Physical Review B, 2008, 77, .	1.1	14
191	Anomalous Temperature Evolution of the Internal Magnetic Field Distribution in the Charge-Ordered Triangular Antiferromagnet $\text{AgNiO}_2$ . Physical Review Letters, 2008, 100, 017206.	2.9	14
192	Characteristic muon precession and relaxation signals in $\text{FeAs}$ and $\text{FeAs}_{2/10}$ . Possible impurity phases in pnictide superconductors. Physical Review B, 2008, 78, .	1.1	10
193	Publisher's Note: Effect of magnesium doping on the orbital and magnetic order in $\text{LiNiO}_{2/5}$ . Physical Review B, 2008, 78, .	1.1	5
194	Synthesis and characterization of two metallic spin-glass phases of $\text{FeMo}_4\text{Ge}_3$ . Physical Review B, 2008, 77, .	1.1	4
195	Effect of magnesium doping on the orbital and magnetic order in $\text{LiNiO}_{2/16}$ . Physical Review B, 2008, 78, .	1.1	16
196	A muon-spin relaxation study of $\text{BiMnO}_3$ . Journal of Physics Condensed Matter, 2007, 19, 376203.	0.7	3
197	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. Physical Review B, 2007, 75, .	1.1	26
198	Magnetism in Geometrically Frustrated $\text{YMnO}_3$ under Hydrostatic Pressure Studied with Muon Spin Relaxation. Physical Review Letters, 2007, 98, 197203.	2.9	28

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199	Muon-Fluorine Entangled States in Molecular Magnets. <i>Physical Review Letters</i> , 2007, 99, 267601.	2.9	48
200	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> , 2007, 75, .	1.1	59
201	Intrinsic magnetic order in $\text{Cs}_2\text{AgF}_4$ detected by muon-spin relaxation. <i>Physical Review B</i> , 2007, 75, .	1.1	22
202	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> , 2007, 75, .	1.1	23
203	Characterization of the Crystal and Magnetic Structures of the Mixed-Anion Coordination Polymer $\text{Cu}(\text{HCO}_2)(\text{NO}_3)(\text{pyz})$ {pyz = Pyrazine} by X-ray Diffraction, ac Magnetic Susceptibility, dc Magnetization, Muon-Spin Relaxation, and Spin Dimer Analysis. <i>Inorganic Chemistry</i> , 2007, 46, 213-220.	1.9	19
204	Chiral-Like Critical Behavior in the Antiferromagnet Cobalt Glycerolate. <i>Physical Review Letters</i> , 2007, 99, 017202.	2.9	19
205	Magnetic field effects on particle trajectories in the muon-spin relaxation experiment: Towards a high-field spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 1578-1587.	0.7	8
206	as a probe of anisotropy in low-dimensional molecular magnets. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 2039-2043.	1.9	19
207	$[\text{Cu}(\text{HF}_2)(\text{pyz})_2]\text{BF}_4$ (pyz = pyrazine): long-range magnetic ordering in a pseudo-cubic coordination polymer comprised of bridging $\text{HF}_2^-$ and pyrazine ligands. <i>Chemical Communications</i> , 2006, , 4894.	2.2	59
208	studies of the hexaboride system. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 26-29.	1.3	1
209	A SR study of the metamagnetic phase transition in the electron-transfer salt. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 114-117.	1.3	8
210	Ferromagnetism with zero intrinsic magnetization: on Gd-doped. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 34-39.	1.3	4
211	Thermodynamic and magnetic properties of the layered triangular magnet $\text{NaNiO}_2$ . <i>Physica B: Condensed Matter</i> , 2006, 374-375, 47-50.	1.3	2
212	Muon-spin relaxation studies of the low-dimensional molecular compounds $\text{Mn}(\text{dca})_2(\text{pyz})$ and $\text{Fe}(\text{NCS})_2(\text{pyz})_2$ . <i>Physica B: Condensed Matter</i> , 2006, 374-375, 118-121.	1.3	7
213	Simulations of the experiment. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 480-483.	1.3	5
214	Low-Temperature Spin Diffusion in a Highly Ideal $S=1/2$ Heisenberg Antiferromagnetic Chain Studied by Muon Spin Relaxation. <i>Physical Review Letters</i> , 2006, 96, 247203.	2.9	58
215	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> , 2006, 73, .	1.1	13
216	Magnetism in the $S=1$ frustrated antiferromagnet $\text{GeNi}_2\text{O}_4$ studied using implanted muons. <i>Physical Review B</i> , 2006, 73, .	1.1	10

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217	Magnetic order in the quasi-one-dimensional spin-1/2 molecular chain compound copper pyrazine dinitrate. <i>Physical Review B</i> , 2006, 73, .	1.1	82
218	Muon spin rotation study of magnetism in electron-doped chromium sulfide. <i>Physical Review B</i> , 2005, 72, .	1.1	3
219	Unconventional magnetic properties of the weakly ferromagnetic metal BaRuO <sub>3</sub> . <i>Physical Review B</i> , 2005, 71, .	1.1	23
220	Surface dynamics of a thin polystyrene film probed by low-energy muons. <i>Physical Review B</i> , 2005, 72, .	1.1	26
221	Thermodynamic and magnetic properties of the layered triangular magnet NaNiO <sub>2</sub> . <i>Physical Review B</i> , 2005, 72, .	1.1	32
222	Cu(HCO <sub>2</sub> ) <sub>2</sub> (pym) (pym = pyrimidine): A Low-Dimensional Magnetic Behavior and Long-Range Ordering in a Quantum-Spin Lattice. <i>Inorganic Chemistry</i> , 2005, 44, 989-995.	1.9	40
223	<sup>1</sup> / <sub>4</sub> SR studies of layered organic superconductors: vortex phases, penetration depth and anomalous superfluid properties. <i>Synthetic Metals</i> , 2005, 152, 417-420.	2.1	7
224	Brief encounter at the molecular level: what muons tell us about molecule-based magnets. <i>Synthetic Metals</i> , 2005, 152, 481-484.	2.1	3
225	Magnetic ordering and dynamics in the XY pyrochlore antiferromagnet: a muon-spin relaxation study of Er <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> and Er <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Journal of Physics Condensed Matter</i> , 2005, 17, 979-988.	0.7	58
226	Muons as a probe of magnetism in molecule-based low dimensional magnets. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S4563-S4582.	0.7	33
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