Tom Lancaster

List of Publications by Year
in descending order

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242 papers	5,418 citations	101384 36 h-index	110170 64 g-index
261 all docs	261 docs citations	261 times ranked	5550 citing authors

#	Article	IF	Citations
1	Probing the magnetic polaron state in the ferromagnetic semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>HgCr</mml:mi><mml:mn>2</mml:mn></ with muon-spin spectroscopy and resistance-fluctuation measurements. Physical Review B, 2022, 105, .	1.1	1
2	Energy-gap driven low-temperature magnetic and transport properties in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mspace width="4pt" /><mml:mo>(</mml:mo><mml:mi>M</mml:mi></mml:math>= Nb, Ta). Physical Review B, 2022, 105, .	1.1	4
3	Magnetism in the NA©el-skyrmion host <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>8</mml:mn></mml:mrow></mml:math> under pressure. Physical Review B, 2022, 105, .	1.1	1
4	Muonâ€“Nitrogen Quadrupolar Level Crossing Resonance in a Charge Transfer Salt. Journal of Physical Chemistry C, 2022, 126, 7529-7534.	1.5	2
5	Megahertz dynamics in skyrmion systems probed with muon-spin relaxation. Physical Review B, 2021, 103, .	1.1	9
6	Magnetic order and ballistic spin transport in a sine-Gordon spin chain. Physical Review B, 2021, 103, .	1.1	6
7	Magnetic ground state of the one-dimensional ferromagnetic chain compounds<mml:math		

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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 NÃ©el skyrmion dynamics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></m mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>y</mml:mi></mml:mro 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 Cu(NO₃)₂(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 â€˜nonmetallic metalâ€™ 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub Physical Review B, 2019, 99, .	1.1	28
28	Unconventional Field-Induced Spin Gap in an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo> 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 CuF₂(pyz) and [<i>Ln</i>(hfac)₃(boaDTDA)]_{<i>n</i>} (<i>Ln</i>â€‰â€‰=â€‰â€‰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 Cu2OSeO3 using long-wavelength neutron diffraction. AIP Advances, 2019, 9, 125228.	0.6	0
32	Spin Jahn-Teller antiferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CoTi</mml:mi><mml:mn>2</mml:mn></mm mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. 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 Dzyaloshinskiiâ€"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 LiOsO3. , 2018, , .		3
39	Microscopic effects of Dy doping in the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2018, 97, .	3.7	22
40	Magnetic phases of skyrmion-hosting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GaV</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>		

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55	La₂SrCr₂O₇: Controlling the Tilting Distortions of n = 2 Ruddlesdenâ€“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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</m using muon-spin relaxation. Physical Review B, 2016, 93, .	1.1	5
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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Lu</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2016, 93, .	1.1	15
60	Effect of disorder on a pressure-induced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>z</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn> quantum phase transition. Physical Review B, 2016, 94, .	1.1	1
61	Antiferromagnetism in a Family of S = 1 Square Lattice Coordination Polymers NiX₂(pyz)₂ (X = Cl, Br, I, NCS; pyz = 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 Sr₂BOsO₆(Bâ€‰â€‰=â€‰â€‰Fe, Y, In). Journal of Physics Condensed Matter, 2016, 28, 076001.	2.7	9
64	La₂SrCr₂O₇F₂: A Ruddlesdenâ€“Popper Oxyfluoride Containing Octahedrally Coordinated Cr⁴⁺ Centers. Inorganic Chemistry, 2016, 55, 3169-3174.	1.9	26
65	Spin diffusion in the low-dimensional molecular quantum Heisenberg antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Cu</mml:mi><mml:mrow><mml:mo>(with implanted muons. Physical Review B, 2015, 91, .	1.1	28
66	Robustness of superconductivity to structural disorder in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>1 Physical Review B, 2015, 92, .	1.1	9
67	Transverse field muon-spin rotation signature of the skyrmion-lattice phase in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2 Physical Review B, 2015, 91, .	1.1	18
68	Magnetic ground state of the two isostructual polymeric quantum magnets<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>[</mml:mo><mml:mi>Cu</mml:mi><mml:mo>(xmlns:mml="http://www.w3.org/1998/Math/MathML". Physical Review B, 2015, 92, .	1.1	11
69	Evidence for magnetic clusters in Ni_{1-x}V_xclose 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 oxideCsCoO2. 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<i>Î¼</i>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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>LiZn</mml:mtext><mml:mn>2</mml:mn></mml:msub Physical Review B, 2014, 89, .	1.1	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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mm Physical Review Letters, 2014, 112, 147202.	2.9	59
79	[illegible]ed antiferromagnetic insulator La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>CoO<m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /. 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 Weinbergâ€“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 CuF₂(H₂O)₂(3-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	Mn(dca)2(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 Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	21
135	A muon spin relaxation study of the metal-organic magnet Ni(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	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi></mml:math>SR study of magnetic order in the organic quasi-one-dimensional ferromagnet F4BImNN. Physical Review B, 2013, 88, .	1.1	21
138	Magnetic transition and spin dynamics in the triangular Heisenberg antiferromagnetÎ±-KCrO2. Physical Review B, 2013, 88, .	1.1	9
139	Low-Field Superconducting Phase of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi>TMTSF</mml:mi><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT / Physical Review Letters, 2013, 110, 107005.	2.9	23
140	Another dimension: investigations of molecular magnetism using muonâ€“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 NaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Co<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>As. Physical Review B, 2012, 85, .	1.1	44
143	... display="inline"><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2 ... chain compound Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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145	Spin Waves and Revised Crystal Structure of Honeycomb Iridate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>IrO</mml:mi><mml:mn Physical Review Letters, 2012, 108, 127204.	7.9	502
146	Importance of HalogenÂ·Â·Â·Halogen Contacts for the Structural and Magnetic Properties of CuX₂(pyrazine-N,Nâ€²-dioxide)(H₂O)₂ (X = Cl and Br). Inorganic Chemistry, 2012, 51, 2121-2129.	1.9	38
147	A Bayesian Approach to Magnetic Moment Determination Using Î¼SR. Physics Procedia, 2012, 30, 113-116.	1.2	8
148	Ag(nic)₂ (nic = Nicotinate): A Spin-Canted Quasi-2D Antiferromagnet Composed of Square-Planar S = ¹/₂ Ag^{II} Ions. Inorganic Chemistry, 2012, 51, 1989-1991.	1.9	7
149	[Ni(HF₂)(3-Clpy)₄]BF₄ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted FÂ·Â·Â·HÂ·Â·Â·F^{â€“} Bridges in a One-Dimensional Polymeric Chain. Inorganic Chemistry, 2012, 51, 7520-7528.	1.9	19
150	Influence of HF2â¯ geometry on magnetic interactions elucidated from polymorphs of the metalâ€“organic framework [Ni(HF2)(pyz)2]PF6 (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-dimensionalÎº-(BEDT-TTF)2Cu[N(CN)2]Br probed with implanted muons. Physical Review B, 2011, 83, .	1.1	5
153	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets [Ni(HF₂)(pyz)₂]X (pyz = pyrazine; X = PF₆^{â€“},) Tj ETQq1 1 0.784314 rgBT /Overlo 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 Li<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>M</mml:mi></mml:math>PO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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163	Magnetic order in the purely organic quasi-one-dimensional ferromagnet 2-benzimidazolyl nitronyl nitroxide. Physical Review B, 2010, 82, .	1.1	41
164	Spin fluctuations and orbital ordering in quasi-one-dimensional Î±-Cu(dca)2(pyz) {dca=dicyanamide=N(CN)2âˆ’; pyz=pyrazine}, a molecular analogue of KCuF3. Polyhedron, 2010, 29, 514-520.	1.0	6
165	Muon spin relaxation investigation of magnetic ordering in the hybrid organic-inorganic perovskites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>[</mml:mo><mml:mrow><mml:msub><mml:mrow><mml:mrow><mml:mo>(</m Physical Review B, 2010, 82, .	1.1	47
166	Control of the Competition between a Magnetic Phase and a Superconducting Phase in Cobalt-Doped and Nickel-Doped NaFeAs Using Electron Count. Physical Review Letters, 2010, 104, 057007.	2.9	111
167	Muon-spin relaxation and heat capacity measurements on the magnetoelectric and multiferroic pyroxenes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LiFeSi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:n xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NaFeSi</mml:mtext></mml:mrow><mml:m. Physical Review B, 2010, 81, .	1.1	20
168	Phase transition in the localized ferromagnet EuO probed byÎ¼SR. Physical Review B, 2010, 81, .	1.1	16
169	Relaxation of muon spins in molecular nanomagnets. Physical Review B, 2010, 81, .	1.1	13
170	Local magnetism and magnetoelectric effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>HoMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mm with muon-spin relaxation. Physical Review B, 2010, 81, .	1.1	11
171	Compositional Control of the Superconducting Properties of LiFeAs. Journal of the American Chemical Society, 2010, 132, 10467-10476.	6.6	64
172	Two-dimensional magnetism in the pnictide superconductor parent material SrFeAsF probed by muon-spin relaxation. Physical Review B, 2009, 79, .	1.1	19
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