Stephen Blundell

List of Publications by Year in Descending Order

169 papers	5,373 citations	35 h-index	67 g-index
193 ext. papers	6,072 ext. citations	5.5 avg, IF	5.55 L-index

#	Paper	IF	Citations
169	Muon spin spectroscopy. *Nature Reviews Methods Primers*, **2022**, 2,		7
168	Intrinsic Nature of Spontaneous Magnetic Fields in Superconductors with Time-Reversal Symmetry Breaking.. *Physical Review Letters*, **2021**, 127, 237002	7.4	1
167	Inhomogeneous superconductivity in LuxZr1−xB12 dodecaborides with dynamic charge stripes. *Physical Review B*, **2021**, 103,	3.3	2
166	The Internal Field in a Ferromagnetic Crystal with Chiral Molecular Packing of Achiral Organic Radicals. *Magnetochemistry*, **2021**, 7, 71	3.1	1
165	Magnetic and Structural Properties of Organic Radicals Based on Thienyl- and Furyl-Substituted Nitronyl Nitroxide. *Magnetochemistry*, **2021**, 7, 62	3.1	0
164	Neutron Studies of a High Spin Fe19 Molecular Nanodisc. *Magnetochemistry*, **2021**, 7, 74	3.1	0
163	Magnetic order and ballistic spin transport in a sine-Gordon spin chain. *Physical Review B*, **2021**, 103,	3.3	1
162	Enhancing easy-plane anisotropy in bespoke Ni(II) quantum magnets. *Polyhedron*, **2020**, 180, 114379	2.7	4
161	Competing pairing interactions responsible for the large upper critical field in a stoichiometric iron-based superconductor CaKFe4As4. *Physical Review B*, **2020**, 101,	3.3	9
160	Near-ideal molecule-based Haldane spin chain. *Physical Review Research*, **2020**, 2,	3.9	1
159	Magnetism and Néel skyrmion dynamics in GaV4S8−ySey. *Physical Review Research*, **2020**, 2,	3.9	4
158	Observation of a neutron spin resonance in the bilayered superconductor CsCaFeAsF. *Journal of Physics Condensed Matter*, **2020**, 32, 435603	1.8	5
157	Optimization of superconducting properties of the stoichiometric CaKFe4As4. *Superconductor Science and Technology*, **2020**, 33, 025003	3.1	10
156	Dynamic spin fluctuations in the frustrated A-site spinel CuAl2O4. *Physical Review B*, **2020**, 102,	3.3	3
155	Magnetically driven loss of centrosymmetry in metallic Pb2CoOsO6. *Physical Review B*, **2020**, 102,	3.3	4
154	Information and Decoherence in a Muon-Fluorine Coupled System. *Physical Review Letters*, **2020**, 125, 087201	7.4	1
153	FeTi2O5: A spin Jahn-Teller transition enhanced by cation substitution. *Physical Review B*, **2019**, 100,	3.3	1

152	Magnetic order and enhanced exchange in the quasi-one-dimensional molecule-based antiferromagnet Cu(NO)(pyz). *Physical Chemistry Chemical Physics*, **2019**, 21, 1014-1018	3.6	7
151	Evidence for a Jeff=0 ground state and defect-induced spin glass behavior in the pyrochlore osmate Y2Os2O7. *Physical Review B*, **2019**, 99,	3.3	2
150	Quantum field theory lectures of Sidney Coleman. *Contemporary Physics*, **2019**, 60, 66-68	3.3	
149	Local magnetism, magnetic order and spin freezing in the 'nonmetallic metal' FeCrAs. *Journal of Physics Condensed Matter*, **2019**, 31, 285803	1.8	6
148	Spin dynamics and field-induced magnetic phase transition in the honeycomb Kitaev magnet Li2IrO3. *Physical Review B*, **2019**, 99,	3.3	15
147	Unconventional Field-Induced Spin Gap in an S=1/2 Chiral Staggered Chain. *Physical Review Letters*, **2019**, 122, 057207	7.4	5
146	Magnetic monopole noise. *Nature*, **2019**, 571, 234-239	50.4	17
145	Exsolution of SrO during the Topochemical Conversion of LaSrCoRuO to the Oxyhydride LaSrCoRuOH. *Inorganic Chemistry*, **2019**, 58, 14863-14870	5.1	6
144	Determining the anisotropy and exchange parameters of polycrystalline spin-1 magnets. *New Journal of Physics*, **2019**, 21, 093025	2.9	4
143	Spin Jahn-Teller antiferromagnetism in CoTi2O5. *Physical Review B*, **2019**, 99,	3.3	4
142	Probing magnetic order and disorder in the one-dimensional molecular spin chains CuF(pyz) and [Ln(hfac)(boaDTDA)] (Ln = Sm, La) using implanted muons. *Journal of Physics Condensed Matter*, **2019**, 31, 394002	1.8	1
141	A.C. susceptibility as a probe of low-frequency magnetic dynamics. *Journal of Physics Condensed Matter*, **2019**, 31, 013001	1.8	33
140	Two-gap superconductivity with line nodes in CsCa2Fe4As4F2. *Physical Review B*, **2018**, 97,	3.3	21
139	Nodal multigap superconductivity in KCa2Fe4As4F2. *Physical Review B*, **2018**, 97,	3.3	25
138	LaSr NiRuO H : A 4d Transition-Metal Oxide-Hydride Containing Metal Hydride Sheets. *Angewandte Chemie - International Edition*, **2018**, 57, 5025-5028	16.4	14
137	Proposal for the detection of magnetic monopoles in spin ice via nanoscale magnetometry. *Physical Review B*, **2018**, 97,	3.3	16
136	Implications of bond disorder in a S=1 kagome lattice. *Scientific Reports*, **2018**, 8, 4745	4.9	3
135	Extreme Sensitivity of a Topochemical Reaction to Cation Substitution: SrVOH versus SrVTi OH. *Inorganic Chemistry*, **2018**, 57, 2890-2898	5.1	12

134	Comparative study of the magnetic properties of La3Ni2B?O9 for B? = Nb, Taor Sb. *Journal of Solid State Chemistry*, **2018**, 258, 825-834	3.3	8
133	LaSr3NiRuO4H4: A 4d Transition-Metal Oxide□Hydride Containing Metal Hydride Sheets. *Angewandte Chemie*, **2018**, 130, 5119-5122	3.6	6
132	Doped SrFeIrO-Phase Separation and a J □0 State for Ir. *Inorganic Chemistry*, **2018**, 57, 10303-10311	5.1	9
131	Magnetic phases of skyrmion-hosting GaV4S8□Sey(y=0,2,4,8) probed with muon spectroscopy. *Physical Review B*, **2018**, 98,	3.3	12
130	Ultrahigh critical current densities, the vortex phase diagram, and the effect of granularity of the stoichiometric high-Tc superconductor CaKFe4As4. *Physical Review Materials*, **2018**, 2,	3.2	39
129	Quantum magnetism in molecular spin ladders probed with muon-spin spectroscopy. *New Journal of Physics*, **2018**, 20, 103002	2.9	7
128	Multigap Superconductivity in RbCa2Fe4As4F2 Investigated Using □SR Measurements. *Journal of the Physical Society of Japan*, **2018**, 87, 124705	1.5	10
127	Observation of a crossover from nodal to gapped superconductivity in LuxZr1□□B12. *Physical Review B*, **2018**, 98,	3.3	4
126	Microscopic effects of Dy doping in the topological insulator Bi2Te3. *Physical Review B*, **2018**, 97,	3.3	16
125	Room-temperature helimagnetism in FeGe thin films. *Scientific Reports*, **2017**, 7, 123	4.9	30
124	Quantum-critical spin dynamics in a Tomonaga-Luttinger liquid studied with muon-spin relaxation. *Physical Review B*, **2017**, 95,	3.3	3
123	Strong Coupling of Microwave Photons to Antiferromagnetic Fluctuations in an Organic Magnet. *Physical Review Letters*, **2017**, 119, 147701	7.4	25
122	Local magnetism and spin dynamics of the frustrated honeycomb rhodate Li2RhO3. *Physical Review B*, **2017**, 96,	3.3	18
121	Quantum Griffiths Phase Inside the Ferromagnetic Phase of Ni_{1-x}V_{x}. *Physical Review Letters*, **2017**, 118, 267202	7.4	18
120	Low-field spin dynamics of Cr7Ni and Cr7Ni□Cu□Cr7Ni molecular rings as detected by □SR. *Physical Review B*, **2017**, 96,	3.3	3
119	Crystal structure and magnetic modulation in □e2O2FeSe2. *Physical Review Materials*, **2017**, 1,	3.2	3
118	Control of the third dimension in copper-based square-lattice antiferromagnets. *Physical Review B*, **2016**, 93,	3.3	12
117	Magnetic phase diagram of La2□SrxCoO4 revised using muon-spin relaxation. *Physical Review B*, **2016**, 93,	3.3	4

116	Transverse field muon-spin rotation measurement of the topological anomaly in a thin film of MnSi. *Physical Review B*, **2016**, 93,	3.3	12
115	Unconventional magnetism on a honeycomb lattice in RuCl3 studied by muon spin rotation. *Physical Review B*, **2016**, 94,	3.3	14
114	Magnetization dynamics and frustration in the multiferroic double perovskite Lu2MnCoO6. *Physical Review B*, **2016**, 93,	3.3	14
113	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, 3515-29	5.1	15
112	Experimental and Theoretical Electron Density Analysis of Copper Pyrazine Nitrate Quasi-Low-Dimensional Quantum Magnets. *Journal of the American Chemical Society*, **2016**, 138, 2280-91	16.4	32
111	The science and art of seeing. *Contemporary Physics*, **2016**, 57, 246-249	3.3	
110	La2SrCr2O7F2: A Ruddlesden-Popper Oxyfluoride Containing Octahedrally Coordinated Cr(4+) Centers. *Inorganic Chemistry*, **2016**, 55, 3169-74	5.1	18
109	Studies of a Large Odd-Numbered Odd-Electron Metal Ring: Inelastic Neutron Scattering and Muon Spin Relaxation Spectroscopy of Cr8 Mn. *Chemistry - A European Journal*, **2016**, 22, 1779-88	4.8	20
108	Robustness of superconductivity to competing magnetic phases in tetragonal FeS. *Physical Review B*, **2016**, 94,	3.3	15
107	Bimetallic MOFs (HO)[Cu(MF)(pyrazine)][(4 - x)HO (M = V, x = 0; M = Ga, x = 1): co-existence of ordered and disordered quantum spins in the V system. *Chemical Communications*, **2016**, 52, 12653-12656	5.8	5
106	The Parent Li(OH)FeSe Phase of Lithium Iron Hydroxide Selenide Superconductors. *Inorganic Chemistry*, **2016**, 55, 9886-9891	5.1	18
105	La2SrCr2O7: Controlling the Tilting Distortions of n = 2 Ruddlesden-Popper Phases through A-Site Cation Order. *Inorganic Chemistry*, **2016**, 55, 8951-60	5.1	17
104	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	7.4	47
103	Spin diffusion in the low-dimensional molecular quantum Heisenberg antiferromagnet Cu(pyz)(NO3)2 detected with implanted muons. *Physical Review B*, **2015**, 91,	3.3	19
102	Robustness of superconductivity to structural disorder in Sr0.3(NH2)y(NH3)1Fe2Se2. *Physical Review B*, **2015**, 92,	3.3	8
101	Transverse field muon-spin rotation signature of the skyrmion-lattice phase in Cu2OSeO3. *Physical Review B*, **2015**, 91,	3.3	16
100	Magnetic ground state of the two isostructual polymeric quantum magnets [Cu(HF2)(pyrazine)2]SbF6 and [Co(HF2)(pyrazine)2]SbF6 investigated with neutron powder diffraction. *Physical Review B*, **2015**, 92,	3.3	9
99	Magnetostructural relationship in the tetrahedral spin-chain oxide CsCoO2. *Physical Review B*, **2015**, 91,	3.3	1

98	Lattice-site-specific spin dynamics in double perovskite Sr2CoOsO6. *Physical Review Letters*, **2014**, 112, 147202	7.4	47
97	Stripe disorder and dynamics in the hole-doped antiferromagnetic insulator La5/3Sr1/3CoO4. *Physical Review B*, **2014**, 89,	3.3	13
96	Strontium Vanadium Oxide-Hydrides: Square-Planar Two-Electron Phases. *Angewandte Chemie*, **2014**, 126, 7686-7689	3.6	18
95	Controlling Magnetic Order and Quantum Disorder in Molecule-Based Magnets. *Physical Review Letters*, **2014**, 112,	7.4	17
94	Local magnetism and spin correlations in the geometrically frustrated cluster magnet LiZn2Mo3O8. *Physical Review B*, **2014**, 89,	3.3	33
93	Upper critical field of NaFe1-xCoxAs superconductors. *Physical Review B*, **2014**, 89,	3.3	15
92	Dipolar ordering in a molecular nanomagnet detected using muon spin relaxation. *Physical Review B*, **2014**, 89,	3.3	4
91	Magnetic fluctuations and spin freezing in nonsuperconducting LiFeAs derivatives. *Physical Review B*, **2013**, 88,	3.3	9
90	AC magnetic measurement of LiFeAs at pressures up to 5.2 GPa: The relation between T c and the structural parameters. *Journal of the Korean Physical Society*, **2013**, 63, 445-447	0.6	2
89	Enhancement of the superconducting transition temperature of FeSe by intercalation of a molecular spacer layer. *Nature Materials*, **2013**, 12, 15-9	27	324
88	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	2.7	6
87	Quantum states of muons in fluorides. *Physical Review B*, **2013**, 87,	3.3	37
86	Weak magnetic transitions in pyrochlore Bi2Ir2O7. *Physical Review B*, **2013**, 87,	3.3	19
85	Evolution of magnetic interactions in a pressure-induced Jahn-Teller driven magnetic dimensionality switch. *Physical Review B*, **2013**, 87,	3.3	28
84	SR study of magnetic order in the organic quasi-one-dimensional ferromagnet F4BImNN. *Physical Review B*, **2013**, 88,	3.3	15
83	Magnetic transition and spin dynamics in the triangular Heisenberg antiferromagnet KCrO2. *Physical Review B*, **2013**, 88,	3.3	6
82	Another dimension: investigations of molecular magnetism using muon spin relaxation. *Physica Scripta*, **2013**, 88, 068506	2.6	10
81	Playing quantum hide-and-seek with the muon: localizing muon stopping sites. *Physica Scripta*, **2013**, 88, 068510	2.6	48

80	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, 1989-91	5.1	6
79	Magnetism in crown-ether-substituted nitronyl nitroxide derivatives and their metal complexes. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2012**, 9, 1205-1207		1
78	Gradual destruction of magnetism in the superconducting family NaFe1−xCoxAs. *Physical Review B*, **2012**, 85,	3.3	38
77	Three-dimensional Heisenberg spin-glass behavior in SrFe0.90Co0.10O3.0. *Physical Review B*, **2012**, 86,	3.3	29
76	Chemical engineering of molecular qubits. *Physical Review Letters*, **2012**, 108, 107204	7.4	202
75	Persistent dynamics in the S=1/2 quasi-one-dimensional chain compound Rb4Cu(MoO4)3 probed with muon-spin relaxation. *Physical Review B*, **2012**, 85,	3.3	10
74	Dimensionality selection in a molecule-based magnet. *Physical Review Letters*, **2012**, 108, 077208	7.4	37
73	Monopoles, magnetricity, and the stray field from spin ice. *Physical Review Letters*, **2012**, 108, 147601	7.4	33
72	Magnetic order in quasi-two-dimensional molecular magnets investigated with muon-spin relaxation. *Physical Review B*, **2011**, 84,	3.3	30
71	Superconductivity and fluctuating magnetism in quasi-two-dimensional κ-(BEDT-TTF)2Cu[N(CN)2]Br probed with implanted muons. *Physical Review B*, **2011**, 83,	3.3	4
70	Observation of a level crossing in a molecular nanomagnet using implanted muons. *Journal of Physics Condensed Matter*, **2011**, 23, 242201	1.8	8
69	The statistical mechanics of community assembly and species distribution. *New Phytologist*, **2011**, 191, 819-827	9.8	17
68	Magnetic and non-magnetic phases of a quantum spin liquid. *Nature*, **2011**, 471, 612-6	50.4	132
67	Rücktitelbild: [Cu(HF2)2(pyrazine)]n: A Rectangular Antiferromagnetic Lattice with a Spin Exchange Path Made Up of Two Different FHF Bridges (Angew. Chem. 7/2011). *Angewandte Chemie*, **2011**, 123, 1764-1764	3.6	
66	[Cu(HF2)2(pyrazine)]n: A Rectangular Antiferromagnetic Lattice with a Spin Exchange Path Made Up of Two Different FHF Bridges. *Angewandte Chemie*, **2011**, 123, 1611-1614	3.6	1
65	Back Cover: [Cu(HF2)2(pyrazine)]n: A Rectangular Antiferromagnetic Lattice with a Spin Exchange Path Made Up of Two Different FHF Bridges (Angew. Chem. Int. Ed. 7/2011). *Angewandte Chemie - International Edition*, **2011**, 50, 1726-1726	16.4	
64	Critical behavior in the inhomogeneous ferromagnet SrFe0.80Co0.20O3.0. *Physical Review B*, **2011**, 83,	3.3	11
63	Measurement of the internal magnetic field in the correlated iridates Ca4IrO6, Ca5Ir3O12, Sr3Ir2O7 and Sr2IrO4. *Physical Review B*, **2011**, 83,	3.3	39

62	Local magnetism in the molecule-based metamagnet [Ru2(O2CMe)4]3[Cr(CN)6] probed with implanted muons. *Physical Review B*, **2011**, 84,	3.3	4
61	Design and commissioning of a high magnetic field muon spin relaxation spectrometer at the ISIS pulsed neutron and muon source. *Review of Scientific Instruments*, **2011**, 82, 073904	1.7	22
60	Low-moment magnetism in the double perovskites Ba2MOsO6 (M=Li,Na). *Physical Review B*, **2011**, 84,	3.3	23
59	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	7.4	104
58	Muon-spin relaxation and heat capacity measurements on the magnetoelectric and multiferroic pyroxenes LiFeSi2O6 and NaFeSi2O6. *Physical Review B*, **2010**, 81,	3.3	19
57	Relaxation of muon spins in molecular nanomagnets. *Physical Review B*, **2010**, 81,	3.3	11
56	Magnetic order in the purely organic quasi-one-dimensional ferromagnet 2-benzimidazolyl nitronyl nitroxide. *Physical Review B*, **2010**, 82,	3.3	36
55	Two-dimensional magnetism in the pnictide superconductor parent material SrFeAsF probed by muon-spin relaxation. *Physical Review B*, **2009**, 79,	3.3	17
54	Charge order, enhanced orbital moment, and absence of magnetic frustration in layered multiferroic LuFe2O4. *Physical Review B*, **2009**, 80,	3.3	25
53	Enhanced superfluid stiffness, lowered superconducting transition temperature, and field-induced magnetic state of the pnictide superconductor LiFeAs. *Physical Review B*, **2009**, 79,	3.3	41
52	Spin freezing and dynamics in Ca3Co2⊠MnxO6 (x□.95) investigated with implanted muons: Disorder in the anisotropic next-nearest-neighbor Ising model. *Physical Review B*, **2009**, 80,	3.3	26
51	Muon-fluorine entanglement in fluoropolymers. *Journal of Physics Condensed Matter*, **2009**, 21, 346004	1.8	7
50	Coexistence of static magnetism and superconductivity in SmFeAsO(1-x)F(x) as revealed by muon spin rotation. *Nature Materials*, **2009**, 8, 310-4	27	245
49	Muon spin relaxation studies of critical fluctuations and diffusive spin dynamics in molecular magnets. *Physica B: Condensed Matter*, **2009**, 404, 585-589	2.8	11
48	Strong H...F hydrogen bonds as synthons in polymeric quantum magnets: structural, magnetic, and theoretical characterization of [Cu(HF2)(pyrazine)2]SbF6, [Cu2F(HF)(HF2)(pyrazine)4](SbF6)2, and [CuAg(H3F4)(pyrazine)5](SbF6)2. *Journal of the American Chemical Society*, **2009**, 131, 6733-47	16.4	72
47	Heat capacity measurements on FeAs-based compounds: a thermodynamic probe of electronic and magnetic states. *New Journal of Physics*, **2009**, 11, 025010	2.9	33
46	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	7.4	13
45	Storing quantum information in chemically engineered nanoscale magnets. *Journal of Materials Chemistry*, **2009**, 19, 1754-1760		96

44	Isotope effect in quasi-two-dimensional metal-organic antiferromagnets. *Physical Review B*, **2008**, 78,	3.3	21
43	Experimentally determining the exchange parameters of quasi-two-dimensional Heisenberg magnets. *New Journal of Physics*, **2008**, 10, 083025	2.9	95
42	Characteristic muon precession and relaxation signals in FeAs and FeAs2: Possible impurity phases in pnictide superconductors. *Physical Review B*, **2008**, 78,	3.3	10
41	Chiral-like critical behavior in the antiferromagnet cobalt glycerolate. *Physical Review Letters*, **2007**, 99, 017202	7.4	17
40	as a probe of anisotropy in low-dimensional molecular magnets. *Journal of Physics and Chemistry of Solids*, **2007**, 68, 2039-2043	3.9	18
39	SR investigation of spin dynamics in the spin-ice material Dy2Ti2O7. *Journal of Physics Condensed Matter*, **2007**, 19, 326210	1.8	37
38	Magnetism in geometrically frustrated YMnO3 under hydrostatic pressure studied with muon spin relaxation. *Physical Review Letters*, **2007**, 98, 197203	7.4	25
37	Muon-fluorine entangled states in molecular magnets. *Physical Review Letters*, **2007**, 99, 267601	7.4	36
36	Intrinsic magnetic order in Cs2AgF4 detected by muon-spin relaxation. *Physical Review B*, **2007**, 75,	3.3	18
35	Will spin-relaxation times in molecular magnets permit quantum information processing?. *Physical Review Letters*, **2007**, 98, 057201	7.4	601
34	Molecular magnets. *Contemporary Physics*, **2007**, 48, 275-290	3.3	50
33	Low-temperature spin diffusion in a highly ideal S=1/2 Heisenberg antiferromagnetic chain studied by muon spin relaxation. *Physical Review Letters*, **2006**, 96, 247203	7.4	44
32	Muon-spin relaxation study of the spin-12 molecular chain compound Cu(HCO2)2(C4H4N2). *Physical Review B*, **2006**, 73,	3.3	13
31	Magnetic order in the quasi-one-dimensional spin-1⁄2 molecular chain compound copper pyrazine dinitrate. *Physical Review B*, **2006**, 73,	3.3	80
30	[Cu(HF2)(pyz)2]BF4 (pyz = pyrazine): long-range magnetic ordering in a pseudo-cubic coordination polymer comprised of bridging HF2- and pyrazine ligands. *Chemical Communications*, **2006**, 4894-6	5.8	56
29	Cu(HCO2)2(pym) (pym = pyrimidine): low-dimensional magnetic behavior and long-range ordering in a quantum-spin lattice. *Inorganic Chemistry*, **2005**, 44, 989-95	5.1	37
28	The observation of magnetic excitations in a single layered and a bilayered brownmillerite. *Journal of Physics Condensed Matter*, **2005**, 17, 99-104	1.8	5
27	Muons as a probe of magnetism in molecule-based low dimensional magnets. *Journal of Physics Condensed Matter*, **2004**, 16, S4563-S4582	1.8	29

26	Magnetic phase separation in EuB6 detected by muon spin rotation. *Physical Review B*, **2004**, 70,	3.3	25
25	Angle-dependent magnetoresistance of the layered organic superconductor (ET)2Cu(NCS)2: Simulation and experiment. *Physical Review B*, **2004**, 69,	3.3	55
24	Magnetic order and local field distribution in the hybrid magnets [FeCp*2][MnCr(ox)3] and [CoCp*2][FeFe(ox)3]: a muon spin relaxation study. *Journal of Materials Chemistry*, **2004**, 14, 1518-1520		11
23	Muon-spin rotation studies of electronic properties of molecular conductors and superconductors. *Chemical Reviews*, **2004**, 104, 5717-36	68.1	61
22	Organic and molecular magnets. *Journal of Physics Condensed Matter*, **2004**, 16, R771-R828	1.8	230
21	Landau levels, molecular orbitals, and the Hofstadter butterfly in finite systems. *American Journal of Physics*, **2004**, 72, 613-618	0.7	23
20	The hydride anion in an extended transition metal oxide array: LaSrCoO3H0.7. *Science*, **2002**, 295, 1882-4	33.3	221
19	Organic Magnetic Materials Studied by Positive Muons. *Hyperfine Interactions*, **2001**, 133, 169-177	0.8	8
18	Muon radical states in some electron donor and acceptor molecules. *Magnetic Resonance in Chemistry*, **2000**, 38, S27-S32	2.1	10
17	Muon radical states in some electron donor and acceptor molecules **2000**, 38, S27		1
16	Muon radical states in some electron donor and acceptor molecules **2000**, 38, S27		1
15	Muon-spin-rotation studies of organic magnets. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **1999**, 357, 2923-2937	3	15
14	Several Kinds of Aminoxyl Radicals and their Metal Ion Complexes. *Molecular Crystals and Liquid Crystals*, **1999**, 334, 477-486		9
13	Spin-polarized muons in condensed matter physics. *Contemporary Physics*, **1999**, 40, 175-192	3.3	345
12	Chemistry of naturally layered manganites (invited). *Journal of Applied Physics*, **1998**, 83, 6379-6384	2.5	19
11	Investigation of Vortex Behavior in the Organic Superconductor (BEDT-TTF)2Cu(SCN)2 Using Muon Spin Rotation. *Physical Review Letters*, **1997**, 79, 1563-1566	7.4	58
10	Magnetism in Nitronyl Nitroxide Radicals and their Ion Radical Salts. *Molecular Crystals and Liquid Crystals*, **1997**, 305, 435-444		7
9	Anisotropic Polaron Motion in Polyaniline Studied by Muon Spin Relaxation. *Physical Review Letters*, **1997**, 79, 2855-2858	7.4	64

8	Zero field SR and QLCR in the molecular metal system (DMe-DCNQI)2Cu **1997**, 104, 357-362		6
7	Muon studies of organic ferromagnets and conductors. *Applied Magnetic Resonance*, **1997**, 13, 155-164	0.8	12
6	Magnetism in the nitronyl nitroxide isomers 1-NAPNN and 2-NAPNN studied by. *Journal of Physics Condensed Matter*, **1996**, 8, L1-L6	1.8	14
5	Crystal Chemistry and Electronic Properties of the N = 2 Ruddlesden-Popper Manganates: Unconventional CMR Materials. *Materials Research Society Symposia Proceedings*, **1996**, 453, 331		5
4	Ferromagnetic Intermolecular Interactions and Magnetically Ordered States in Some Organic Radical Crystals. *Molecular Crystals and Liquid Crystals*, **1995**, 271, 107-114		8
3	+ SR of the Organic Ferromagnet p -NPNN: Diamagnetic and Paramagnetic States. *Europhysics Letters*, **1995**, 31, 573-578	1.6	44
2	Muon-Spin Rotation Studies of Molecule-Based Magnets235-256		3
1	Muon-Spin Rotation Studies of Molecule-Based Magnets235-256		