

Graeme Luke

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311
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13,316
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57
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329
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14,296
ext. citations

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5.18
L-index

#	Paper	IF	Citations
311	Universal correlations between T_c and n_s/m (carrier density over effective mass) in high- T_c cuprate superconductors. <i>Physical Review Letters</i> , 1989 , 62, 2317-2320	7.4	1033
310	Time-reversal symmetry-breaking superconductivity in Sr_2RuO_4 . <i>Nature</i> , 1998 , 394, 558-561	50.4	809
309	Basic similarities among cuprate, bismuthate, organic, Chevrel-phase, and heavy-fermion superconductors shown by penetration-depth measurements. <i>Physical Review Letters</i> , 1991 , 66, 2665-2668	7.4	597
308	LiV_2O_4 : A Heavy Fermion Transition Metal Oxide. <i>Physical Review Letters</i> , 1997 , 78, 3729-3732	7.4	410
307	Charge and magnetic order in $La_{0.5}Sr_{1.5}MnO_4$. <i>Physical Review Letters</i> , 1996 , 76, 2169-2172	7.4	276
306	Temperature dependence of the magnetic penetration depth in the high- T_c superconductor $Ba_2YCu_3O_{9-\delta}$: Evidence for conventional s-wave pairing. <i>Physical Review B</i> , 1987 , 36, 2386-2389	3.3	249
305	Antiferromagnetism and superconductivity in oxygen-deficient $YBa_2Cu_3O_{7-x}$. <i>Physical Review Letters</i> , 1988 , 60, 1073-1076	7.4	216
304	Muon Spin Relaxation Studies of Zn-Substitution Effects in High- T_c Cuprate Superconductors. <i>Physical Review Letters</i> , 1996 , 77, 5421-5424	7.4	210
303	Magnetic-field penetration depth in K_3C_6O measured by muon spin relaxation. <i>Nature</i> , 1991 , 352, 605-607	7.4	206
302	Magnetic-field penetration depth in $Tl_2Ba_2CuO_6$ in the overdoped regime. <i>Nature</i> , 1993 , 364, 605-607	50.4	199
301	Imaging the Fano lattice to 'hidden order' transition in URu_2Si_2 . <i>Nature</i> , 2010 , 465, 570-6	50.4	196
300	Spin fluctuations in frustrated kagom lattice system $SrCr_8Ga_4O_{19}$ studied by muon spin relaxation. <i>Physical Review Letters</i> , 1994 , 73, 3306-3309	7.4	186
299	Systematic variation of magnetic-field penetration depth in high- T_c superconductors studied by muon-spin relaxation. <i>Physical Review B</i> , 1988 , 38, 909-912	3.3	178
298	Muon spin relaxation in UPt_3 . <i>Physical Review Letters</i> , 1993 , 71, 1466-1469	7.4	174
297	Magnetic order and electronic phase diagrams of electron-doped copper oxide materials. <i>Physical Review B</i> , 1990 , 42, 7981-7988	3.3	174
296	Reduction of Ordered Moment and Néel Temperature of Quasi-One-Dimensional Antiferromagnets Sr_2CuO_3 and Ca_2CuO_3 . <i>Physical Review Letters</i> , 1997 , 78, 1787-1790	7.4	158
295	Ferromagnetic Ordering and Unusual Magnetic Ion Dynamics in $La_{0.67}Ca_{0.33}MnO_3$. <i>Physical Review Letters</i> , 1996 , 77, 1869-1872	7.4	156

294	29Si hyperfine structure of anomalous muonium in silicon: Proof of the bond-centered model. <i>Physical Review Letters</i> , 1988 , 60, 224-226	7.4	151
293	Gapped itinerant spin excitations account for missing entropy in the hidden-order state of URu2Si2. <i>Nature Physics</i> , 2007 , 3, 96-99	16.2	148
292	Absence of superconductivity in single-phase CaFe2As2 under hydrostatic pressure. <i>Physical Review B</i> , 2009 , 79,	3.3	146
291	Magnetic penetration depth and flux-pinning effects in high-Tc superconductor La1.85Sr0.15CuO. <i>Physical Review B</i> , 1987 , 35, 7129-7132	3.3	136
290	Li(Zn,Mn)As as a new generation ferromagnet based on a I-II-V semiconductor. <i>Nature Communications</i> , 2011 , 2, 422	17.4	135
289	Phase separation and suppression of critical dynamics at quantum phase transitions of MnSi and (Sr1-xCax)RuO3. <i>Nature Physics</i> , 2007 , 3, 29-35	16.2	131
288	New diluted ferromagnetic semiconductor with Curie temperature up to 180 K and isostructural to the '122' iron-based superconductors. <i>Nature Communications</i> , 2013 , 4, 1442	17.4	128
287	Muon-spin-relaxation measurements of magnetic penetration depth in organic superconductors (BEDT-TTF)2-X: X=Cu(NCS)2 and Cu. <i>Physical Review Letters</i> , 1992 , 68, 1923-1926	7.4	124
286	Muon spin relaxation studies of incommensurate magnetism and superconductivity in stage-4 La2CuO4.11 and La1.88Sr0.12CuO4. <i>Physical Review B</i> , 2002 , 66,	3.3	119
285	Superconducting state coexisting with a phase-separated static magnetic order in (Ba,K)Fe2As2, (Sr,Na)Fe2As2, and CaFe2As2. <i>Physical Review B</i> , 2009 , 80,	3.3	115
284	Studies of static magnetic order in electron-superconductors and their parent compounds. <i>Nature</i> , 1989 , 338, 49-51	50.4	112
283	Muon spin relaxation study of the stripe phase order in La1.6-xNd0.4SrxCuO4 and related 214 cuprates. <i>Physical Review B</i> , 1998 , 58, 8760-8772	3.3	109
282	Structural, magnetic and superconducting phase transitions in CaFe2As2 under ambient and applied pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 404-412	1.3	106
281	Muon spin relaxation investigation of the spin dynamics of geometrically frustrated antiferromagnets Y2Mo2O7 and Tb2Mo2O7. <i>Physical Review B</i> , 1996 , 54, 9019-9022	3.3	105
280	Static magnetic order in La1.875Ba0.125CuO4. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1175-1176	1.3	102
279	Muon-spin-rotation measurements in infinite-layer and infinite-chain cuprate antiferromagnets: Ca0.86Sr0.14CuO2 and Sr2CuO3. <i>Physical Review B</i> , 1993 , 48, 12926-12935	3.3	98
278	Search for anomalous internal magnetic fields in high-Tc superconductors as evidence for broken time-reversal symmetry. <i>Physical Review Letters</i> , 1990 , 64, 2082-2085	7.4	98
277	Muon-spin-rotation study of magnetism in La1.85Sr0.15CuO4 and YBa2Cu3Ox below 90 mK. <i>Physical Review Letters</i> , 1989 , 63, 2136-2139	7.4	96

276	Comment on the origin(s) of the giant permittivity effect in CaCu ₃ Ti ₄ O ₁₂ single crystals and ceramics. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5916		91
275	Magnetic penetration depth of Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{6.97} measured by muon-spin relaxation. <i>Physical Review B</i> , 1990 , 42, 6801-6804	3.3	91
274	Magnetic properties of the geometrically frustrated S=12 antiferromagnets, La ₂ LiMoO ₆ and Ba ₂ YMoO ₆ , with the B-site ordered double perovskite structure: Evidence for a collective spin-singlet ground state. <i>Physical Review B</i> , 2010 , 81,	3.3	90
273	Muon-spin-rotation and relaxation studies in (TMTSF) ₂ -X compounds. <i>Physical Review B</i> , 1993 , 48, 7284-7296	3.3	89
272	Quantum diffusion of muonium in KCl. <i>Physical Review Letters</i> , 1989 , 62, 792-795	7.4	89
271	Magnetic Behavior of the 2-Leg and 3-Leg Spin Ladder Cuprates Sr _{n-1} Cu _{n+1} O _{2n} . <i>Physical Review Letters</i> , 1995 , 74, 2812-2815	7.4	88
270	Spin-glass behavior in the S=1/2 fcc ordered perovskite Sr ₂ CaReO ₆ . <i>Physical Review B</i> , 2002 , 65,	3.3	86
269	Muon-spin-relaxation studies of magnetic order and superfluid density in antiferromagnetic NdFeAsO, BaFe ₂ As ₂ , and superconducting Ba _{1-x} K _x Fe ₂ As ₂ . <i>Physical Review B</i> , 2008 , 78,	3.3	84
268	Frustration-driven spin freezing in the S=12 fcc perovskite Sr ₂ MgReO ₆ . <i>Physical Review B</i> , 2003 , 68,	3.3	82
267	Antiferromagnetic Order with Spatially Inhomogeneous Ordered Moment Size of Zn- and Si-Doped CuGeO ₃ . <i>Physical Review Letters</i> , 1997 , 79, 503-506	7.4	81
266	Muon-Spin Rotation Measurements of the Magnetic Field Dependence of the Vortex-Core Radius and Magnetic Penetration Depth in NbSe ₂ . <i>Physical Review Letters</i> , 1997 , 79, 1742-1745	7.4	77
265	Muon-spin-rotation measurements in the kagom lattice systems: Cr-jarosite and Fe-jarosite. <i>Physical Review B</i> , 1996 , 53, 6451-6454	3.3	73
264	Muon Spin Relaxation and Magnetic Susceptibility Measurements in the Haldane System Y _{2-x} Ca _x Ba(Ni _{1-y} Mg _y)O ₅ . <i>Physical Review Letters</i> , 1995 , 74, 3471-3474	7.4	72
263	Determination of the electronic structure of anomalous muonium in GaAs from nuclear hyperfine interactions. <i>Physical Review Letters</i> , 1987 , 58, 1780-1783	7.4	69
262	Searching for spontaneous magnetic order in an organic ferromagnet. BR studies of ϵ phase p-NPNN. <i>Chemical Physics Letters</i> , 1993 , 206, 405-408	2.5	68
261	Muon-spin-relaxation and neutron-scattering studies of magnetism in single-crystal La _{1.94} Sr _{0.06} CuO ₄ . <i>Physical Review B</i> , 1990 , 41, 8866-8871	3.3	67
260	Resolved nuclear hyperfine structure of a muonated free radical using level-crossing spectroscopy. <i>Physical Review A</i> , 1986 , 34, 681-684	2.6	67
259	Absence of magnetic order in (Ba, K)BiO ₃ . <i>Nature</i> , 1988 , 335, 151-152	50.4	67

- 258 Muon spin rotation measurement of the magnetic field penetration depth in Ba(Fe_{0.926}Co_{0.074})₂As₂: Evidence for multiple superconducting gaps. *Physical Review B*, **2009**, 80, 3-3 62
- 257 (La_{1-x}Ba_x)(Zn_{1-x}Mn_x)AsO: A two-dimensional 1111-type diluted magnetic semiconductor in bulk form. *Physical Review B*, **2013**, 88, 3-3 61
- 256 Field-induced Bose-Einstein condensation of triplons up to 8 K in Sr₃Cr₂O₈. *Physical Review Letters*, **2009**, 103, 207203 7-4 59
- 255 Absence of broken time-reversal symmetry in the pseudogap state of the high temperature La(2-x)Sr_xCuO₄ superconductor from muon-spin-relaxation measurements. *Physical Review Letters*, **2008**, 101, 017001 7-4 58
- 254 Structure and magnetic properties of the S=1 geometrically frustrated double perovskites La₂LiReO₆ and Ba₂YReO₆. *Physical Review B*, **2010**, 81, 3-3 57
- 253 Static magnetic order and superfluid density of RFeAs(O,F) (R=La,Nd,Ce) and LaFePO studied by muon spin relaxation: unusual similarities with the behavior of cuprate superconductors. *Physical Review Letters*, **2009**, 102, 087001 7-4 57
- 252 Spin ice: magnetic excitations without monopole signatures using muon spin rotation. *Physical Review Letters*, **2011**, 107, 207207 7-4 54
- 251 Muon level-crossing spectroscopy of organic free radicals. *Chemical Physics Letters*, **1987**, 133, 465-470 2-5 54
- 250 Unconventional magnetic ground state in Yb₂Ti₂O₇. *Physical Review B*, **2013**, 88, 3-3 53
- 249 Muon spin relaxation and susceptibility studies of the pure and diluted spin 1/2 kagomelike lattice system (Cu_xZn(1-x))₃V₂O₇(OH)₂·2H₂O. *Physical Review Letters*, **2003**, 91, 207603 7-4 53
- 248 Site-dilution in the quasi-one-dimensional antiferromagnet Sr₂(Cu_{1-x}Pd_x)O₃: Reduction of Néel temperature and spatial distribution of ordered moment sizes. *Physical Review B*, **2004**, 70, 3-3 51
- 247 Magnetic dilution in the geometrically frustrated SrCr(9p)Ga(12-9p)O₁₉ and the role of local dynamics: A muon spin relaxation study. *Physical Review Letters*, **2000**, 84, 3450-3 7-4 51
- 246 Muon diffusion and spin dynamics in copper. *Physical Review B*, **1991**, 43, 3284-3297 3-3 48
- 245 Ferromagnetic ordering in superatomic solids. *Journal of the American Chemical Society*, **2014**, 136, 16926-16931 6-3 47
- 244 Magnetic frustration in lead pyrochlores. *Physical Review B*, **2015**, 91, 3-3 47
- 243 Muon-spin-relaxation investigation of the spin dynamics of geometrically frustrated chromium spinels. *Physical Review B*, **2002**, 66, 3-3 47
- 242 Evolution of Quantum Fluctuations Near the Quantum Critical Point of the Transverse Field Ising Chain System CoNb₂O₆. *Physical Review X*, **2014**, 4, 9-1 46
- 241 Magnetic phase transition in the S= zigzag-chain compound SrCuO₂. *Physical Review B*, **1997**, 55, R11953-R11956 3-3 46

240	A75s NMR study of single crystals of the heavily overdoped pnictide superconductors $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ ($x=0.7$ and 1). <i>Physical Review B</i> , 2010 , 81,	3.3	45
239	Muon spin relaxation studies of magnetic-field-induced effects in high- T_c superconductors. <i>Physical Review Letters</i> , 2005 , 95, 157001	7.4	45
238	Muon spin relaxation study of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review B</i> , 2001 , 63,	3.3	45
237	Delocalization of muonium in NaCl. <i>Physical Review Letters</i> , 1990 , 64, 665-668	7.4	45
236	New magnetic phase diagram of $(\text{Sr,Ca})_2\text{RuO}_4$. <i>Nature Materials</i> , 2012 , 11, 323-8	27	44
235	Two-dimensional nature of superconductivity in the intercalated layered systems Li_xHfNCl and Li_xZrNCl : Muon spin relaxation and magnetization measurements. <i>Physical Review B</i> , 2004 , 69,	3.3	44
234	Bose-Einstein condensation of triplons in $\text{Ba}_3\text{Cr}_2\text{O}_8$. <i>Physical Review B</i> , 2009 , 79,	3.3	43
233	Quantum diffusion of muonium in GaAs. <i>Hyperfine Interactions</i> , 1991 , 64, 635-640	0.8	43
232	Static magnetic order in the one-dimensional conductor RbC_{60} . <i>Physical Review B</i> , 1995 , 52, R6991-R6994	4.3	42
231	Competition between magnetic order and superconductivity in $\text{CeCu}_2.2\text{Si}_2$. <i>Physical Review Letters</i> , 1994 , 73, 1853-1856	7.4	42
230	Muon-spin-relaxation studies of flux pinning in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{Pb}_{0.7}\text{Bi}_{1.3}\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 1993 , 47, 8172-8186	3.3	41
229	Positive muon Knight shift and spin relaxation in heavy fermion superconductors UPt_3 and UBe_{13} . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991 , 157, 173-177	2.3	39
228	Long-range magnetic order in the 5d(2) double perovskite $\text{Ba}_2\text{CaOsO}_6$: comparison with spin-disordered Ba_2YReO_6 . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 306003	1.8	38
227	Intramolecular motion in the tert-butyl radical as studied by muon spin rotation and level-crossing spectroscopy. <i>Chemical Physics</i> , 1988 , 127, 137-147	2.3	38
226	How Kondo-holes create intense nanoscale heavy-fermion hybridization disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18233-7	11.5	37
225	μR studies of intercalated HfNCl superconductor. <i>Physica B: Condensed Matter</i> , 2000 , 289-290, 389-392	2.8	37
224	Optical spectroscopy shows that the normal state of URu_2Si_2 is an anomalous Fermi liquid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19161-5	11.5	36
223	Formation of the coherent heavy fermion liquid at the hidden order transition in URu_2Si_2 . <i>Physical Review Letters</i> , 2013 , 110, 186401	7.4	35

222	Superfluid density and field-induced magnetism in Ba(Fe _{1-x} Cox) ₂ As ₂ and Sr(Fe _{1-x} Cox) ₂ As ₂ measured with muon spin relaxation. <i>Physical Review B</i> , 2010 , 82,	3-3	35
221	Vibrating-coil magnetometry of the spin liquid properties of Tb ₂ Ti ₂ O ₇ . <i>Physical Review Letters</i> , 2012 , 109, 047201	7-4	34
220	Magnetic ordering in the spin-ice candidate Ho ₂ Ru ₂ O ₇ . <i>Physical Review Letters</i> , 2004 , 93, 076403	7-4	34
219	Unconventional superconductivity in Sr ₂ RuO ₄ . <i>Physica B: Condensed Matter</i> , 2000 , 289-290, 373-376	2-8	34
218	Muon spin relaxation in heavy fermion systems. <i>Hyperfine Interactions</i> , 1994 , 85, 397-409	0-8	33
217	Muon spin relaxation studies in strongly correlated electron systems. <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 223-228	2-8	33
216	Probing magnetism and superconductivity of high- T _c systems with positive muons. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 857-860	1-3	33
215	Superconductivity and field-induced magnetism in Pr _{2-x} Ce _x CuO ₄ single crystals. <i>Physical Review Letters</i> , 2003 , 91, 147002	7-4	32
214	Effects of Reduced Dimensionality on Spin Dynamics in the Layered Perovskite La _{1.4} Sr _{1.6} Mn ₂ O ₇ . <i>Physical Review Letters</i> , 1998 , 81, 1706-1709	7-4	31
213	Muon spin relaxation study of superconducting Bi ₂ Sr _{2-x} La _x CuO _{6+δ} . <i>Physical Review B</i> , 2007 , 75,	3-3	30
212	Li ₄ MgReO ₆ : An S=1/2 antiferromagnet exhibiting spin-glass behavior. <i>Physical Review B</i> , 2000 , 62, 6521-6529	3-3	30
211	Site of the positive muon in YBa ₂ Cu ₃ O ₇ . <i>Hyperfine Interactions</i> , 1991 , 63, 177-181	0-8	30
210	Zero-Field Muon Spin Rotation Studies in (TMTSF) ₂ PF ₆ . <i>Europhysics Letters</i> , 1991 , 15, 547-552	1-6	30
209	Comparison between muon spin rotation and neutron scattering studies on the 3-dimensional magnetic ordering of La ₂ CuO _{4-y} . <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 769-776	1-3	30
208	Muon spin relaxation studies of magnetic order in Y _{1-x} U _x Pd ₃ and UPd ₄ . <i>Physical Review Letters</i> , 1994 , 72, 3722-3725	7-4	29
207	Universal dynamic magnetism in Yb pyrochlores with disparate ground states. <i>Physical Review B</i> , 2016 , 93,	3-3	27
206	XY antiferromagnetic ground state in the effective S=12 pyrochlore Yb ₂ Ge ₂ O ₇ . <i>Physical Review B</i> , 2016 , 93,	3-3	27
205	(Ca,Na)(Zn,Mn) ₂ As ₂ : A new spin and charge doping decoupled diluted ferromagnetic semiconductor. <i>Journal of Applied Physics</i> , 2014 , 116, 163906	2-5	27

204	Quantum Spin Ice Dynamics in the Dipole-Octupole Pyrochlore Magnet $\text{Ce}_{2}\text{Zr}_{2}\text{O}_{7}$. <i>Physical Review Letters</i> , 2019 , 122, 187201	7.4	26
203	Frustrated magnetism in the double perovskite LaLiOsO_6 : A comparison with LaLiRuO_6 . <i>Physical Review B</i> , 2016 , 93,	3.3	26
202	$(\text{Sr},\text{Na})(\text{Zn},\text{Mn})_2\text{As}_2$: A diluted ferromagnetic semiconductor with the hexagonal CaAl_2Si_2 type structure. <i>Physical Review B</i> , 2014 , 90,	3.3	26
201	Magnetic behavior in Li-doped La_2CuO_4 . <i>Physical Review B</i> , 1996 , 54, 9538-9541	3.3	26
200	Muon-spin-rotation studies in single-crystal $\text{Sr}_2\text{CuO}_2\text{Cl}_2$. <i>Physical Review B</i> , 1990 , 42, 2182-2187	3.3	26
199	Static magnetic order in $\text{Bi}_2\text{Sr}_2\text{YCu}_2\text{O}_x$ and spin freezing in $\text{Bi}_2\text{Sr}_2\text{YCaCu}_2\text{O}_x$ detected by muon-spin rotation. <i>Physical Review B</i> , 1989 , 39, 847-850	3.3	25
198	Muon spin relaxation studies of the frustrated quasi-two-dimensional square-lattice spin system $\text{Cu}(\text{Cl},\text{Br})\text{La}(\text{Nb},\text{Ta})_2\text{O}_7$: Evolution from spin-gap to antiferromagnetic state. <i>Physical Review B</i> , 2009 , 80,	3.3	24
197	Cubic Re (5d) Double Perovskites, BaMgReO , BaZnReO , and BaYReO : Magnetism, Heat Capacity, μSR , and Neutron Scattering Studies and Comparison with Theory. <i>Inorganic Chemistry</i> , 2016 , 55, 10701-10713	5.1	24
196	Noncentrosymmetric superconductor BeAu . <i>Physical Review B</i> , 2018 , 97,	3.3	23
195	Muon spin rotation/relaxation measurements of the noncentrosymmetric superconductor $\text{Mg}_{10}\text{Ir}_{19}\text{B}_{16}$. <i>Physical Review B</i> , 2010 , 82,	3.3	23
194	Synthesis, structure, and magnetic properties of the two-dimensional quantum antiferromagnets $(\text{CuBr})\text{A}_2\text{B}_3\text{O}_{10}$ ($\text{A}=\text{Ca}, \text{Sr}, \text{Ba}, \text{Pb}$; $\text{B}=\text{Nb}, \text{Ta}$) with the $1/3$ magnetization plateau. <i>Physical Review B</i> , 2008 , 78,	3.3	23
193	Search for hidden orbital currents and observation of an activated ring of magnetic scattering in the heavy fermion superconductor URu_2Si_2 . <i>Physical Review B</i> , 2004 , 69,	3.3	23
192	Supercooled spin liquid state in the frustrated pyrochlore $\text{Dy}_2\text{Ti}_2\text{O}_7$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8549-54	11.5	22
191	Anderson-Mott transition induced by hole doping in $\text{Nd}_{1-x}\text{TiO}_3$. <i>Physical Review B</i> , 2006 , 74,	3.3	22
190	Expansion of vortex cores by strong electronic correlation in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ at low magnetic induction. <i>Physical Review B</i> , 2004 , 69,	3.3	22
189	Temperature dependence of the magnetic penetration depth in $\text{YBa}_2\text{Cu}_3\text{O}_7$ measured by muon spin rotation. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 153-155, 757-758	1.3	22
188	Volume-wise destruction of the antiferromagnetic Mott insulating state through quantum tuning. <i>Nature Communications</i> , 2016 , 7, 12519	17.4	22
187	Magnetic ground states in the three Os^{6+} ($5d^2$) double perovskites Ba_2MOsO_6 ($\text{M}=\text{Mg}, \text{Zn}, \text{and Cd}$) from N μ I order to its suppression. <i>Physical Review B</i> , 2016 , 94,	3.3	21

186	Interplay between structural, electronic, and magnetic degrees of freedom in Sr(3)Cr(2)O(8). <i>Physical Review Letters</i> , 2010 , 105, 036401	7.4	21
185	Itinerant spin excitations near the hidden order transition in URu(2)Si(2). <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 192202	1.8	21
184	Weak quasistatic magnetism in the frustrated Kondo lattice Pr2Ir2O7. <i>Physica B: Condensed Matter</i> , 2009 , 404, 667-670	2.8	21
183	Muon spin relaxation studies in organic superconductors and organic magnets. <i>Synthetic Metals</i> , 1993 , 56, 2845-2852	3.6	21
182	Mermin-Wagner physics, (H,T) phase diagram, and candidate quantum spin-liquid phase in the spin-12 triangular-lattice antiferromagnet Ba8CoNb6O24. <i>Physical Review Materials</i> , 2018 , 2,	3.2	21
181	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in BaFe2-xTxAs2 (T=Co,Ni). <i>Physical Review B</i> , 2017 , 95,	3.3	20
180	Muon spin relaxation and electron/neutron diffraction studies of BaTi2(As1-xSbx)2O: Absence of static magnetism and superlattice reflections. <i>Physical Review B</i> , 2013 , 88,	3.3	20
179	Magnetic field penetration depth in single crystal La1.85Sr0.15CuO4 and Nd1.85Ce0.15CuO4. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 1465-1466	1.3	20
178	Superfluid density and volume fraction of static magnetism in stripe-stabilized La1.85-xEuySr0.15CuO4. <i>Physica B: Condensed Matter</i> , 2003 , 326, 316-320	2.8	20
177	Incipient ferromagnetism in Tb2Ge2O7: application of chemical pressure to the enigmatic spin-liquid compound Tb2Ti2O7. <i>Physical Review Letters</i> , 2014 , 113, 267205	7.4	19
176	Suppression of TC by overdoped Li in the diluted ferromagnetic semiconductor Li1+y(Zn1-xMnx)P: A μ R investigation. <i>Physical Review B</i> , 2014 , 90,	3.3	19
175	Magnetic order in La2-xBaxCuO4 and La1.6-xNd0.4SrxCuO4 for x=0.125 1997 , 105, 113-117		19
174	Crystal growth and magnetic behaviour of pure and doped SrCu2(11BO3)2. <i>Journal of Crystal Growth</i> , 2007 , 306, 123-128	1.6	19
173	Crystal growth and characterization of the new spin dimer system. <i>Journal of Crystal Growth</i> , 2008 , 310, 870-873	1.6	19
172	Susceptibility inhomogeneity and non-Fermi-liquid behavior in nominally ordered UCu4Pd. <i>Physical Review B</i> , 1998 , 58, R11849-R11852	3.3	19
171	Quantum diffusion of the positive muon in the superconducting state of Al. <i>Hyperfine Interactions</i> , 1991 , 64, 737-741	0.8	19
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