

# Alex Amato

## List of Publications by Year in descending order

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434  
papers

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citations

36303

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89  
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436  
all docs

436  
docs citations

436  
times ranked

7204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Magnetism in the Paratacamite Family: Towards an Ideal Kagom� Lattice. Physical Review Letters, 2007, 98, 077204.	7.8	401
2	The electronic phase diagram of the LaO $1-x$ FxFeAs superconductor. Nature Materials, 2009, 8, 305-309.	27.5	390
3	Synthesis and crystal growth of Cs <sub>0.8</sub> (FeSe <sub>0.98</sub> ) <sub>2</sub> : a new iron-based superconductor with $T_c = 27$ K. Journal of Physics Condensed Matter, 2011, 23, 052203.	1.8	272
4	Inelastic neutron scattering study of cerium heavy fermion compounds. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 376-384.	2.3	271
5	Commensurate Spin Density Wave in LaFeAsO: A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	7.8	267
6	Heavy-fermion systems studied by $^{151}\text{Sm}$ NMR technique. Reviews of Modern Physics, 1997, 69, 1119-1180.	45.6	245
7	Kapellasite: A Kagome Quantum Spin Liquid with Competing Interactions. Physical Review Letters, 2012, 109, 037208.	7.8	201
8	Direct observation of the spin texture in SmB <sub>6</sub> as evidence of the topological Kondo insulator. Nature Communications, 2014, 5, 4566.	12.8	193
9	Surface and bulk electronic structure of the strongly correlated system SmB <sub>6</sub> and implications for a topological Kondo insulator. Physical Review B, 2013, 88, .	3.2	179
10	Pressure Induced Static Magnetic Order in Superconducting FeSe $x$ . Physical Review Letters, 2010, 104, 087003.	7.8	176
11	Evidence for superconductivity with broken time-reversal symmetry in locally noncentrosymmetric SrPtAs. Physical Review B, 2013, 87, .	3.2	166
12	Field and Temperature Dependence of the Superfluid Density in LaFeAsO $x$ Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, 097009.	7.8	163
13	Coexistence of Magnetism and Superconductivity in the Iron-Based Compound Cs <sub>0.8</sub> (FeSe <sub>0.98</sub> ) <sub>2</sub> . Physical Review Letters, 2011, 106, 117602.	7.8	163
14	Thermodynamic and transport properties of CeCu <sub>6</sub> . Journal of Low Temperature Physics, 1987, 68, 371-397.	1.4	132
15	Strong coupling between magnetic and structural order parameters in SrFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2008, 78, .	3.2	127
16	Dynamics in canonical spin glasses observed by muon spin depolarization. Physical Review Letters, 1994, 72, 1291-1294.	7.8	126
17	Momentum-resolved superconducting gap in the bulk of Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> from combined ARPES and $^{151}\text{Sm}$ NMR measurements. New Journal of Physics, 2009, 11, 055069.	2.9	124
18	Interplay of rare earth and iron magnetism in RFeAsO $x$ . Physical Review Letters, 2010, 104, 087003.	3.2	123

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19	Coexistence of incommensurate magnetism and superconductivity in $\text{FeTe}$ . Physical Review B, 2009, 80, .	3.2	114
20	Spontaneous Magnetic Ordering in the Fullerene Charge-Transfer Salt (TDAE)C <sub>60</sub> . Science, 1995, 267, 1799-1802.	12.6	113
21	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	12.8	112
22	Two-Gap Superconductivity in $\text{BaKFeAsO}$ . A Complementary Study of the Magnetic Penetration Depth by Muon-Spin Rotation and Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2009, 102, 187005.	7.8	105
23	Coexistence of Local Moment Magnetism and Heavy-Fermion Superconductivity in UPd <sub>2</sub> Al <sub>3</sub> . Physical Review Letters, 1994, 73, 1849-1852.	7.8	104
24	Microscopic Coexistence of Superconductivity and Magnetism in $\text{BaKFeAsO}$ . Physical Review Letters, 2011, 107, 237001.	7.8	102
25	Evidence for time-reversal symmetry breaking in superconducting $\text{PrPt}$ . Physical Review B, 2010, 82, .	3.2	101
26	Signatures of the topological $s + \hat{d}$ superconducting order parameter in the type-II Weyl semimetal Td-MoTe <sub>2</sub> . Nature Communications, 2017, 8, 1082.	12.8	101
27	Evidence of nodeless superconductivity in $\text{FeSe}$ a muon-spin-rotation study of the in-plane magnetic penetration depth. Physical Review B, 2008, 78, .	3.2	100
28	Muon spin rotation studies of $\text{SmFeAsO}$ . Physical Review B, 2008, 78, .	3.2	97
29	Evolution of Two-Gap Behavior of the Superconductor $\text{FeSe}$ . Physical Review Letters, 2010, 104, 087004.	7.8	97
30	Magnetism in semiconducting molybdenum dichalcogenides. Science Advances, 2018, 4, eaat3672.	10.3	92
31	Magnetic order in the pyrochlore iridates A <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> (A = Y, Yb). Physical Review B, 2012, 86, .	3.2	89
32	Spin Dynamics and Magnetic Order in Magnetically Frustrated Tb <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . Physical Review Letters, 2006, 96, 127202.	7.8	88
33	High pressure research using muons at the Paul Scherrer Institute. High Pressure Research, 2016, 36, 140-166.	1.2	79
34	Spatial inhomogeneity of magnetic moments in the cobalt oxide spinel Co <sub>3</sub> O <sub>4</sub> . Physical Review B, 2007, 75, .	3.2	77
35	Heavy Fermion Superconductivity and Antiferromagnetic Ordering in CePt <sub>3</sub> Si without Inversion Symmetry. Journal of the Physical Society of Japan, 2007, 76, 051009.	1.6	76
36	Cascade of Bulk Magnetic Phase Transitions in Na <sub>x</sub> Co <sub>2</sub> O <sub>7</sub> as Studied by Muon Spin Rotation. Physical Review Letters, 2005, 94, 136403.	7.8	75

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37	Weak ferromagnetism in CuB <sub>2</sub> O <sub>4</sub> copper metaborate. Journal of Magnetism and Magnetic Materials, 1999, 205, 105-109.	2.3	69
38	Orbital and spin effects for the upper critical field in As-deficient disordered Fe pnictide superconductors. New Journal of Physics, 2009, 11, 075007.	2.9	68
39	Magnetic Phase Diagram of Layered Cobalt Dioxide $\text{LiCoO}_2$ . Physical Review Letters, 2007, 99, 087601.	7.8	66
40	The new versatile general purpose surface-muon instrument (GPS) based on silicon photomultipliers for $\mu$ SR measurements on a continuous-wave beam. Review of Scientific Instruments, 2017, 88, 093301.	1.3	64
41	Transport properties of CeCu <sub>6</sub> single crystals. Solid State Communications, 1985, 55, 1131-1133.	1.9	62
42	Direct Evidence for a Dynamical Ground State in the Highly Frustrated Tb <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> Pyrochlore. Physical Review Letters, 2006, 97, 117203.	7.8	62
43	Superconductivity in a new layered bismuth oxyselenide: LaO <sub>0.5</sub> F <sub>0.5</sub> BiSe <sub>2</sub> . Journal of Physics Condensed Matter, 2014, 26, 162201.	1.8	62
44	Superconducting properties of single-crystalline $\text{AFe}_2\text{Se}_3$ . Physical Review Letters, 2011, 106, 187001.	3.2	61
45	Spin-glass state and long-range magnetic order in $\text{PbFe}_2\text{Se}_3$ . Physical Review B, 2009, 79, 104407.	3.2	60
46	Dynamical Splayed Ferromagnetic Ground State in the Quantum Spin Ice $\text{Yb}_2\text{O}_7$ . Physical Review Letters, 2013, 110, 127207.	7.8	58
47	Muon Spin Rotation and Relaxation in the Superconducting Ferromagnet UCoGe. Physical Review Letters, 2009, 102, 167003.	7.8	56
48	Spin-liquid ground state in the frustrated kagome antiferromagnet MgCu <sub>3</sub> (OH)Cl <sub>6</sub> . Physical Review Letters, 2016, 116, 107203.	3.2	56
49	Competition between magnetism and superconductivity in CeCu <sub>2</sub> Si <sub>2</sub> . Physical Review B, 1997, 56, 699-710.	3.2	54
50	Fermi liquid aspects in valence fluctuating systems. Journal of Magnetism and Magnetic Materials, 1985, 52, 85-90.	2.3	53
51	Spin Liquid State in the 3D Frustrated Antiferromagnet $\text{PbCuTe}_2\text{O}_6$ . NMR and Muon Spin Relaxation Studies. Physical Review Letters, 2016, 116, 107203.	3.2	53
52	Transport properties under magnetic fields of the heavy fermion system CeRu <sub>2</sub> Si <sub>2</sub> and related compounds (Ce, La)Ru <sub>2</sub> Si <sub>2</sub> . Journal of Low Temperature Physics, 1989, 77, 195-208.	1.4	52
53	Magnetic order and the electronic ground state in the pyrochlore iridate Nd <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . Physical Review B, 2012, 85, .	3.2	51
54	Short-Range Correlations in the Magnetic Ground State of $\text{Na}_4\text{O}_8$ . Physical Review Letters, 2014, 113, 247601.	3.2	51

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55	Effect of Two Gaps on the Flux-Lattice Internal Field Distribution: Evidence of Two Length Scales in $Mg_{1-x}Al_xB_2$ from $^{1/4}SR$ . Physical Review Letters, 2004, 93, 217003.	7.8	50
56	Thermopower of $CeM_2Si_2$ (M = Au, Pd, Rh, Ru) compounds. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 526-528.	2.3	49
57	Thermopower and magneto-thermopower of $CeRu_2Si_2$ single crystals. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 263-264.	2.3	49
58	Exotic transition in the three-dimensional spin-liquid candidate $Tb_{2-x}Ti_xO_7$ . Physical Review Letters, 2014, 92, 177201.	3.2	49
59	Magnetic-flux distribution and the magnetic penetration depth in superconducting polycrystalline $Bi_2Sr_2Ca_1-xY_xCu_2O_8$ and $Bi_2-xPb_xSr_2CaCu_2O_8$ . Physical Review B, 1993, 48, 13022-13036.	3.2	48
60	Magnetic analog of the isotope effect in cuprates. Physical Review B, 2006, 74, .	3.2	48
61	Evidence of Two Dimensionality in Quasi-One-Dimensional Cobalt Oxides. Physical Review Letters, 2006, 96, 197206.	7.8	46
62	Spin dynamics and disorder effects in the Heisenberg spin-liquid phase of kagellite. Physical Review B, 2014, 90, .	3.2	46
63	Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. ACS Nano, 2016, 10, 5663-5669.	14.6	46
64	$Ca_{1-x}Nd_xO_{7-x}$ : An all-out pyrochlore magnet with no divergence-free field and anomalously slow paramagnetic spin dynamics. Physical Review B, 2015, 92, .	3.2	45
65	Ultraslow static magnetism in $CeRu_2Si_2$ . Physical Review B, 1994, 50, 619-622.	3.2	44
66	Crystal electric field next to a hydrogen-like interstitial $\mu^+$ in $PrNi_5$ . Zeitschrift für Physik B-Condensed Matter, 1995, 99, 3-13.	1.1	44
67	Inhomogeneous magnetism in $URu_2Si_2$ studied by muon spin relaxation under high pressure. Physica B: Condensed Matter, 2003, 326, 418-421.	2.7	44
68	Kondo disorder and non-Fermi-liquid behavior in $UCu_5-xPdx$ and $CeCu_5.9Au_0.1$ . Physical Review B, 1996, 54, 13000-13008.	3.2	43
69	Muon Spin Relaxation Measurements of $NaxCoO_2 \cdot yH_2O$ . Physical Review Letters, 2004, 92, 257007.	7.8	43
70	A neutron scattering study of magnetic excitations in the heavy fermion compound $CeCu_6$ . Journal of Magnetism and Magnetic Materials, 1987, 63-64, 289-292.	2.3	42
71	Weak-magnetism phenomena in heavy-fermion superconductors: selected $^{1/4}SR$ studies. Journal of Physics Condensed Matter, 2004, 16, S4403-S4420.	1.8	42
72	$^{1/4}SR$ Study of the Quantum Dynamics in the Frustrated $S=3/2$ Kagomé Bilayers. Physical Review Letters, 2004, 93, 187201.	7.8	42

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73	Coexistence of magnetism and superconductivity in the heavy-fermion superconductor CePt <sub>3</sub> Si. Physical Review B, 2005, 71, .	3.2	42
74	Two-Step Magnetic Ordering in Quasi-One-Dimensional Helimagnets: Possible Experimental Validation of Villain's Conjecture about a Chiral Spin Liquid Phase. Physical Review Letters, 2008, 100, 057203.	7.8	42
75	Magnetic and Superconducting Properties of the Heavy-Fermion Superconductor UPd <sub>2</sub> Al <sub>3</sub> . Europhysics Letters, 1992, 19, 127-133.	2.0	41
76	Common Energy Scale for Magnetism and Superconductivity in Underdoped Cuprates: A Muon Spin Resonance Investigation of (Ca <sub>x</sub> La <sub>1-x</sub> )(Ba <sub>1.75-x</sub> La <sub>0.25+x</sub> )Cu <sub>3</sub> O <sub>y</sub> . Physical Review Letters, 2002, 88, 137003.	7.8	40
77	Fe Mössbauer spectral and muon spin relaxation study of the magnetodynamics of monodispersed Mn <sup>2+</sup> . Physical Review B, 2002, 65, 014411.	3.2	40
78	Understanding the SR spectra of MnSi without magnetic polarons. Physical Review B, 2014, 89, .	3.2	40
79	Coulomb spin liquid in anion-disordered pyrochlore Tb <sub>2</sub> Hf <sub>2</sub> O <sub>7</sub> . Nature Communications, 2017, 8, 892.	12.8	40
80	Gapless quantum spin liquid ground state in the spin-1 antiferromagnet 6HBa <sub>3</sub> O <sub>9</sub> . Physical Review B, 2016, 93, .	3.2	39
81	Avoided Ferromagnetic Quantum Critical Point: Unusual Short-Range Ordered State in CeFePO. Physical Review Letters, 2012, 109, 216402.	7.8	38
82	Depth-Dependent Spin Dynamics in Thin Films of TbPc <sub>2</sub> Nanomagnets Explored by Low-Energy Implanted Muons. ACS Nano, 2012, 6, 8390-8396.	14.6	38
83	Low field magnetic response of the non-centrosymmetric superconductor YPtBi. Solid State Communications, 2014, 183, 13-17.	1.9	38
84	? + SR studies of UM <sub>2</sub> Al <sub>3</sub> , M=Ni, Pd. European Physical Journal B, 1992, 86, 159-160.	1.5	37
85	A neutron scattering and <sup>1</sup> / <sub>4</sub> SR investigation of the magnetic phase transitions of CuB <sub>2</sub> O <sub>4</sub> . Physica B: Condensed Matter, 2002, 318, 277-281.	2.7	37
86	Tuning of competing magnetic and superconducting phase volumes in LaFeAsO <sub>1-x</sub> F <sub>x</sub> . Physical Review B, 2002, 65, 014411.	3.2	37
87	MnO <sub>2</sub> probed by hydrostatic pressure. Physical Review B, 2002, 65, 014411.	3.2	37
88	Pressure-induced electronic phase separation of magnetism and superconductivity in CrAs. Scientific Reports, 2015, 5, 13788.	3.3	37
89	Nodeless kagome superconductivity in LaRu <sub>3</sub> . Physical Review Materials, 2021, 5, .	7.8	36
90	Superconductivity and Field-Induced Magnetism in SrFe <sub>1.75</sub> Co. Physical Review Letters, 2009, 103, 067010.	7.8	36



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91	Direct evidence for a pressure-induced nodal superconducting gap in the Ba <sub>0.65</sub> Rb <sub>0.35</sub> Fe <sub>2</sub> As <sub>2</sub> superconductor. <i>Nature Communications</i> , 2015, 6, 8863.	12.8	36
92	Spin-glass state in CuGa <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , 2001, 63, .	3.2	35
93	Electronic changes induced by $\mu$ SR Muon-spin-rotation observation and crystalline-electric-field model calculation. <i>Physical Review B</i> , 1997, 56, 9397-9405.	3.2	34
94	of local magnetic order in $\text{LiCrO}_2$ . <i>Physical Review B</i> , 2001, 63, .	3.2	34
95	layered superconductor $\text{BiS}_2$ . <i>Physical Review B</i> , 2013, 88, .	3.2	33
96	Magnetic excitations in single crystal PrNi <sub>5</sub> . <i>Solid State Communications</i> , 1992, 82, 767-771.	1.9	32
97	Effect of external pressure on the magnetic properties of LnFeAsO (Ln = La, Ce, Pr, Sm). <i>Superconductor Science and Technology</i> , 2012, 25, 084009.	3.5	32
98	Magnetic-ordering, hyperfine, and linear contributions to the low-temperature specific heat of $(\text{Y}_{1-x}\text{Pr}_x)\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ . <i>Physical Review B</i> , 1991, 43, 11488-11491.	3.2	31
99	Muon-spin-relaxation studies on the heavy-fermion system with non-Fermi-liquid behavior CeCu <sub>5.9</sub> Au <sub>0.1</sub> . <i>Physical Review B</i> , 1995, 52, 54-56.	3.2	31
100	Magnetic phase transitions in the double spin-chains compound LiCu <sub>2</sub> O <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2001, 296, 306-311.	2.7	31
101	Unconventional superconductivity and magnetism in $\text{Pd}_{1-x}\text{Ni}_x\text{P}_2\text{O}_{10}$ . <i>Physica B: Condensed Matter</i> , 2005, 359-361, 360-367.	2.7	30
102	Short-range magnetic ordering process for the triangular-lattice compound NiGa <sub>2</sub> S <sub>4</sub> : A positive muon spin rotation and relaxation study. <i>Physical Review B</i> , 2008, 77, .	3.2	30
103	Coexistence of low-moment magnetism and superconductivity in tetragonal FeS and suppression of $\text{Pd}_{1-x}\text{Ni}_x\text{P}_2\text{O}_{10}$ . <i>Physical Review B</i> , 2016, 93, .	3.2	30
104	Positive muon spin rotation and relaxation measurements on the ferromagnetic superconductor $\text{LiGe}_2\text{O}_7$ . <i>Physical Review B</i> , 2014, 90, .	3.2	29
105	Muon spin rotation investigation of the pressure effect on the magnetic penetration depth in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 2014, 90, .	3.2	29
106	Absence of time-reversal symmetry breaking in the non-centrosymmetric superconductor $\text{Cu}_2\text{OSeO}_4$ . <i>Physical Review B</i> , 2014, 90, .	3.2	29
107	Superconducting and magnetic properties of $\text{Sr}_2\text{CuO}_2\text{Cl}_2$ . <i>Physical Review B</i> , 2014, 90, .	3.2	29

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109	<p><math>\text{SrPt}_3\text{P}</math>: A two-band single-gap superconductor. Physical Review B, 2014, 90</p> <p>Proximity-induced superconductivity within the insulating (<math>\text{TjETQq000rgBT}</math> / Overlock 10 Tf 50 717 Td (xmlns:mml="http:</p>	3.2	29

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127	Superconductivity and magnetism in $RbFe_2Se_2$ . Physical Review B, 2012, 86, .	3.2	24
128	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	3.2	24
129	Magnetic Quantum Critical Point and Superconductivity in UPt <sub>3</sub> Doped with Pd. Physical Review Letters, 2000, 85, 3005-3008.	7.8	23
130	Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo <sub>2</sub> V <sub>2</sub> O <sub>8</sub> . Physical Review B, 2011, 83, .	3.2	23
131	Direct Spectroscopic Observation of a Shallow Hydrogenlike Donor State in Insulating SrTiO <sub>3</sub> . Physical Review Letters, 2014, 113, 156801.	7.8	23
132	Muons on request (MORE): combining advantages of continuous and pulsed muon beams. , 1999, 120/121, 575-578.		22
133	Static Magnetic Order in Metallic K <sub>0.49</sub> CoO <sub>2</sub> . Physical Review Letters, 2006, 96, 037206.	7.8	22
134	Magnetic nature of K <sub>x</sub> CoO <sub>2</sub> near the antiferromagnetic phase with $x=0.5$ : Positive muon spin rotation and relaxation. Physical Review B, 2007, 76, .	3.2	22
135	Muon-spin rotation and relaxation study on the quasi-one-dimensional compounds Ca <sub>3</sub> CoRhO <sub>6</sub> , Sr <sub>4</sub> CoRh <sub>2</sub> O <sub>9</sub> , and Sr <sub>5</sub> CoRh <sub>3</sub> O <sub>12</sub> . Physical Review B, 2008, 77, .	3.2	22
136	Magnetic properties of Ba <sub>2</sub> Co <sub>2</sub> O <sub>7</sub> a frustrated lattice geometry. Physical Review B, 2010, 81, .	3.2	22
137	Magnetic properties of the chemically delithiated Li <sub>x</sub> Mn <sub>2</sub> O <sub>4</sub> with 0.07 ≤ x ≤ 1. Journal of Solid State Chemistry, 2011, 184, 1096-1104.	2.9	22
138	MuSRSim and MuSRSimAna - Simulation Tools for $\mu$ SR Instruments. Physics Procedia, 2012, 30, 61-64.	1.2	22
139	Spin-lattice coupling induced weak dynamical magnetism in EuTiO <sub>3</sub> at high temperatures. Physical Review B, 2014, 90, .	3.2	22
140	Using Uniaxial Stress to Probe the Relationship between Competing Superconducting States in a Cuprate with Spin-stripe Order. Physical Review Letters, 2020, 125, 097005.	7.8	22
141	$\mu$ SR investigation of $\mu$ SR site in heavy fermion compounds. , 1997, 104, 115-125.		21
142	Staggered magnetization, critical behavior, and weak ferromagnetic properties of LaMnO <sub>3</sub> by muon spin rotation. Physical Review B, 2001, 64, .	3.2	21
143	Universal superconducting and magnetic properties of the (Ca <sub>x</sub> La <sub>1-x</sub> )(Ba <sub>1.75-x</sub> La <sub>0.25+x</sub> )Cu <sub>3</sub> O <sub>y</sub> system: a $\mu$ SR investigation. Solid State Communications, 2003, 126, 39-46.	1.9	21
144	Pressure-induced ferromagnet to spin-glass transition in Gd <sub>2</sub> Mo <sub>2</sub> O <sub>7</sub> . Physical Review B, 2006, 74, .	3.2	21

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145	Probing the ground state of through measurements. Physica B: Condensed Matter, 2009, 404, 686-688.	2.7	21
146	Thermally activated spin fluctuations in stoichiometric LiCoO $\times$ clarified by electron paramagnetic resonance and muon-spin rotation and relaxation measurements. Physical Review B, 2014, 89, .	3.2	21
147	$\hat{I}_{1/4}$ +SR study in CeCu $_6$ single crystal. Physica B: Condensed Matter, 1993, 186-188, 273-275.	2.7	20
148	Microscopic Magnetic Study on the Nominal Composition Li[Li $_{1/3}$ Mn $_{5/3}$ ]O $_4$ by Muon-Spin Rotation/Relaxation Measurements. Journal of Physical Chemistry C, 2010, 114, 11320-11327.	3.1	20
149	Photoemission and muon spin relaxation spectroscopy of the iron-based superconductor Ba $_{1-x}$ Rb $_x$ Bi $_2$ Se $_3$ . Physical Review B, 2017, 95, .	3.2	20
150	Superconductivity in the layered dirac semimetal 2M-Ws $_2$ . Npj Quantum Materials, 2019, 4, .	7.8	20
151	Short-range magnetic correlations and spin dynamics in the paramagnetic regime of Mn $_2$ P. Physical Review B, 2016, 94, .	7.8	20
152	Nodeless superconductivity and its evolution with pressure in the layered dirac semimetal 2M-Ws $_2$ . Npj Quantum Materials, 2019, 4, .	5.2	20
153	Unconventional scaling of the superfluid density with the critical temperature in transition metal dichalcogenides. Science Advances, 2019, 5, eaav8465.	10.3	20
154	Muon spin rotation ( $\hat{I}_{1/4}$ +SR) studies of magnetic ordering of CeB $_6$ . Physica B: Condensed Matter, 1994, 194-196, 357-358.	2.7	19
155	Phase diagram of low doping manganites. Physica B: Condensed Matter, 2000, 289-290, 85-88.	2.7	19
156	Muon spin relaxation and nonmagnetic Kondo state in PrNiAg $_2$ . Physical Review B, 2000, 61, 555-563.	3.2	19
157	Magnetic order and superconductivity in single-crystalline. Physica B: Condensed Matter, 2006, 374-375, 167-170.	2.7	19
158	Pressure-induced magnetic order in FeSe: A muon spin rotation study. Physical Review B, 2017, 95, .	3.2	19
159	Chemical and hydrostatic-pressure effects on the Kitaev honeycomb material Na $_2$ Ir $_2$ O $_7$ . Physical Review B, 2018, 98, .	3.2	19
160	Dilution in volborthite S= 1/2 frustrated magnet: a $\hat{A}$ SR and NMR study. Journal of Physics Condensed Matter, 2004, 16, S829-S834.	1.8	18
161	Studies of ( and Yb); new results. Physica B: Condensed Matter, 2006, 374-375, 145-147.	2.7	18

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163	Superfluid density and superconducting gaps of $RbFeAs_2$ as a function of hydrostatic pressure. Physical Review B, 2012, 86, .	3.2	18
164	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	3.2	18
165	$^{119}Sn$ NMR study of antiferromagnetic order in UPt3 alloyed with Pd. Physica B: Condensed Matter, 1997, 230-232, 53-55.	2.7	17
166	Transport properties and $^{119}Sn$ NMR spectroscopy of $Yb(Ni_xCu_{1-x})_2Si_2$ . Physica B: Condensed Matter, 1999, 259-261, 144-145.	2.7	17
167	Study of the positive muon Knight shift in $YbNi_4$ : Evidence for a tetravalent $Yb^{2+}$ state and crystalline electric field splitting. European Physical Journal B, 2000, 13, 245-256.	1.5	17
168	Universal doping dependence of the ground-state staggered magnetization of cuprate superconductors. Physical Review B, 2008, 78, .	3.2	17
169	$^{119}Sn$ NMR Study on Antiferromagnetism of Alkali-Metal Clusters Incorporated in Zeolite Sodalite. Journal of the Physical Society of Japan, 2010, 79, 073707.	1.6	17
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