

Alex Amato

List of Publications by Year in descending order

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36203

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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.	2.9	401
2	The electronic phase diagram of the LaO $1-x$ FxFeAs superconductor. Nature Materials, 2009, 8, 305-309.	13.3	390
3	Synthesis and crystal growth of Cs _{0.8} (FeSe _{0.98}) ₂ : a new iron-based superconductor with $T_c = 27$ K. Journal of Physics Condensed Matter, 2011, 23, 052203.	0.7	272
4	Inelastic neutron scattering study of cerium heavy fermion compounds. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 376-384.	1.0	271
5	Commensurate Spin Density Wave in LaFeAsO: A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	2.9	267
6	Heavy-fermion systems studied by ^{151}Sm NMR technique. Reviews of Modern Physics, 1997, 69, 1119-1180.	16.4	245
7	Kapellasite: A Kagome Quantum Spin Liquid with Competing Interactions. Physical Review Letters, 2012, 109, 037208.	2.9	201
8	Direct observation of the spin texture in SmB ₆ as evidence of the topological Kondo insulator. Nature Communications, 2014, 5, 4566.	5.8	193
9	Surface and bulk electronic structure of the strongly correlated system SmB ₆ and implications for a topological Kondo insulator. Physical Review B, 2013, 88, .	1.1	179
10	Pressure Induced Static Magnetic Order in Superconducting FeSe \times and implications for a topological Kondo insulator. Physical Review Letters, 2010, 104, 087003.	2.9	176
11	Evidence for superconductivity with broken time-reversal symmetry in locally noncentrosymmetric SrPtAs. Physical Review B, 2013, 87, .	1.1	166
12	Field and Temperature Dependence of the Superfluid Density in LaFeAsO \times Superconductors: A Muon Spin Relaxation Study. Physical Review Letters, 2008, 101, 097009.	2.9	163
13	Coexistence of Magnetism and Superconductivity in the Iron-Based Compound Cs _{0.8} (FeSe _{0.98}) ₂ . Physical Review Letters, 2011, 106, 117602.	2.9	163
14	Thermodynamic and transport properties of CeCu ₆ . Journal of Low Temperature Physics, 1987, 68, 371-397.	0.6	132
15	Strong coupling between magnetic and structural order parameters in SrFe ₂ As ₂ . Physical Review B, 2008, 78, .	1.1	127
16	Dynamics in canonical spin glasses observed by muon spin depolarization. Physical Review Letters, 1994, 72, 1291-1294.	2.9	126
17	Momentum-resolved superconducting gap in the bulk of Ba _{1-x} K _x Fe ₂ As ₂ from combined ARPES and ^{151}Sm NMR measurements. New Journal of Physics, 2009, 11, 055069.	1.2	124
18	Interplay of rare earth and iron magnetism in R _{1-x} FeAsO \times . Physical Review Letters, 2010, 104, 087003.	1.1	123

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19	Coexistence of incommensurate magnetism and superconductivity in BaFe_2As_2 . Physical Review B, 2009, 80, .	1.1	114
20	Spontaneous Magnetic Ordering in the Fullerene Charge-Transfer Salt (TDAE)C ₆₀ . Science, 1995, 267, 1799-1802.	6.0	113
21	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	5.8	112
22	Two-Gap Superconductivity in $\text{BaKFe}_2\text{As}_2$: A Complementary Study of the Magnetic Penetration Depth by Muon-Spin Rotation and Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2009, 102, 187005.	2.9	105
23	Coexistence of Local Moment Magnetism and Heavy-Fermion Superconductivity in UPd ₂ Al ₃ . Physical Review Letters, 1994, 73, 1849-1852.	2.9	104
24	Microscopic Coexistence of Superconductivity and Magnetism in $\text{BaKFe}_2\text{As}_2$. Physical Review Letters, 2011, 107, 237001.	2.9	102
25	Evidence for time-reversal symmetry breaking in superconducting PrPt_4 . Physical Review B, 2010, 82, .	1.1	101
26	Signatures of the topological $s + \hat{a}^{\prime}$ superconducting order parameter in the type-II Weyl semimetal Td-MoTe ₂ . Nature Communications, 2017, 8, 1082.	5.8	101
27	Evidence of nodeless superconductivity in FeSe from a muon-spin-rotation study of the in-plane magnetic penetration depth. Physical Review B, 2008, 78, .	1.1	100
28	Muon spin rotation studies of SmFeAsO . Physical Review B, 2008, 78, .	1.1	97
29	Evolution of Two-Gap Behavior of the Superconductor FeSe . Physical Review Letters, 2010, 104, 087004.	2.9	97
30	Magnetism in semiconducting molybdenum dichalcogenides. Science Advances, 2018, 4, eaat3672.	4.7	92
31	Magnetic order in the pyrochlore iridates A ₂ Ir ₂ O ₇ (A = Y, Yb). Physical Review B, 2012, 86, .	1.1	89
32	Spin Dynamics and Magnetic Order in Magnetically Frustrated Tb ₂ Sn ₂ O ₇ . Physical Review Letters, 2006, 96, 127202.	2.9	88
33	High pressure research using muons at the Paul Scherrer Institute. High Pressure Research, 2016, 36, 140-166.	0.4	79
34	Spatial inhomogeneity of magnetic moments in the cobalt oxide spinel Co ₃ O ₄ . Physical Review B, 2007, 75, .	1.1	77
35	Heavy Fermion Superconductivity and Antiferromagnetic Ordering in CePt ₃ Si without Inversion Symmetry. Journal of the Physical Society of Japan, 2007, 76, 051009.	0.7	76
36	Cascade of Bulk Magnetic Phase Transitions in Na _x CoO ₂ as Studied by Muon Spin Rotation. Physical Review Letters, 2005, 94, 136403.	2.9	75

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37	Weak ferromagnetism in CuB ₂ O ₄ copper metaborate. Journal of Magnetism and Magnetic Materials, 1999, 205, 105-109.	1.0	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.	1.2	68
39	Magnetic Phase Diagram of Layered Cobalt Dioxide Li_xCoO_2 . Physical Review Letters, 2007, 99, 087601.	2.9	66
40	The new versatile general purpose surface-muon instrument (GPS) based on silicon photomultipliers for μSR measurements on a continuous-wave beam. Review of Scientific Instruments, 2017, 88, 093301.	0.6	64
41	Transport properties of CeCu ₆ single crystals. Solid State Communications, 1985, 55, 1131-1133.	0.9	62
42	Direct Evidence for a Dynamical Ground State in the Highly Frustrated Tb ₂ Sn ₂ O ₇ Pyrochlore. Physical Review Letters, 2006, 97, 117203.	2.9	62
43	Superconductivity in a new layered bismuth oxyselenide: LaO _{0.5} F _{0.5} BiSe ₂ . Journal of Physics Condensed Matter, 2014, 26, 162201.	0.7	62
44	Superconducting properties of single-crystalline $\text{A}_x\text{Fe}_y\text{Se}$. Physical Review Letters, 2009, 102, 167003.	1.1	61
45	Spin-glass state and long-range magnetic order in $\text{Pb}_x\text{Fe}_{1-x}\text{Se}$. Physical Review B, 2009, 79, 114407.	1.1	60
46	Dynamical Splayed Ferromagnetic Ground State in the Quantum Spin Ice Yb_2O_7 . Physical Review Letters, 2013, 110, 127207.	2.9	58
47	Muon Spin Rotation and Relaxation in the Superconducting Ferromagnet UCoGe. Physical Review Letters, 2009, 102, 167003.	2.9	56
48	Spin-liquid ground state in the frustrated kagome antiferromagnet $\text{MgCu}_3(\text{OH})\text{Cl}$. Physical Review Letters, 2016, 116, 107203.	1.1	56
49	Competition between magnetism and superconductivity in CeCu ₂ Si ₂ . Physical Review B, 1997, 56, 699-710.	1.1	54
50	Fermi liquid aspects in valence fluctuating systems. Journal of Magnetism and Magnetic Materials, 1985, 52, 85-90.	1.0	53
51	Spin Liquid State in the 3D Frustrated Antiferromagnet $\text{PbCuTe}_2\text{O}_7$. Physical Review Letters, 2016, 116, 107203.	2.9	53
52	NMR and Muon Spin Relaxation Studies. Physical Review Letters, 2016, 116, 107203.	2.9	53
52	Transport properties under magnetic fields of the heavy fermion system CeRu ₂ Si ₂ and related compounds (Ce, La)Ru ₂ Si ₂ . Journal of Low Temperature Physics, 1989, 77, 195-208.	0.6	52
53	Transport properties under magnetic fields of the heavy fermion system CeRu ₂ Si ₂ and related compounds (Ce, La)Ru ₂ Si ₂ . Journal of Low Temperature Physics, 1989, 77, 195-208.	0.6	52
53	Magnetic order and the electronic ground state in the pyrochlore iridate Nd ₂ Ir ₂ O ₇ . Physical Review B, 2012, 85, .	1.1	51
54	Short-Range Correlations in the Magnetic Ground State of Na_xO_8 . Physical Review Letters, 2014, 113, 247601.	2.9	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 $^{1/4}SR$. <i>Physical Review Letters</i> , 2004, 93, 217003.	2.9	50
56	Thermopower of CeM_2Si_2 (M = Au, Pd, Rh, Ru) compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1985, 47-48, 526-528.	1.0	49
57	Thermopower and magneto-thermopower of $CeRu_2Si_2$ single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 1988, 76-77, 263-264.	1.0	49
58	Exotic transition in the three-dimensional spin-liquid candidate $Tb_{2-x}Ti_xO_7$. <i>Physical Review Letters</i> , 2014, 92, 177201.	1.1	49
59	Magnetic-flux distribution and the magnetic penetration depth in superconducting polycrystalline $Bi_2Sr_2Ca_{1-x}Y_xCu_2O_{8+\delta}$ and $Bi_2\tilde{a}\tilde{x}Pb_xSr_2CaCu_2O_{8+\tilde{t}}$. <i>Physical Review B</i> , 1993, 48, 13022-13036.	1.1	48
60	Magnetic analog of the isotope effect in cuprates. <i>Physical Review B</i> , 2006, 74, .	1.1	48
61	Evidence of Two Dimensionality in Quasi-One-Dimensional Cobalt Oxides. <i>Physical Review Letters</i> , 2006, 96, 197206.	2.9	46
62	Spin dynamics and disorder effects in the Heisenberg spin-liquid phase of kagellite. <i>Physical Review B</i> , 2014, 90, .	1.1	46
63	Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. <i>ACS Nano</i> , 2016, 10, 5663-5669.	7.3	46
64	$Ca_{1-x}Nd_xO_{7-2x}$: An all-out pyrochlore magnet with no divergence-free field and anomalously slow paramagnetic spin dynamics. <i>Physical Review B</i> , 2015, 92, .	1.1	45
65	Ultraslow static magnetism in $CeRu_2Si_2$. <i>Physical Review B</i> , 1994, 50, 619-622.	1.1	44
66	Crystal electric field next to a hydrogen-like interstitial μ^+ in $PrNi_5$. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995, 99, 3-13.	1.1	44
67	Inhomogeneous magnetism in URu_2Si_2 studied by muon spin relaxation under high pressure. <i>Physica B: Condensed Matter</i> , 2003, 326, 418-421.	1.3	44
68	Kondo disorder and non-Fermi-liquid behavior in $UCu_5\tilde{x}Pdx$ and $CeCu_5.9Au_0.1$. <i>Physical Review B</i> , 1996, 54, 13000-13008.	1.1	43
69	Muon Spin Relaxation Measurements of $NaxCoO_2\tilde{y}H_2O$. <i>Physical Review Letters</i> , 2004, 92, 257007.	2.9	43
70	A neutron scattering study of magnetic excitations in the heavy fermion compound $CeCu_6$. <i>Journal of Magnetism and Magnetic Materials</i> , 1987, 63-64, 289-292.	1.0	42
71	Weak-magnetism phenomena in heavy-fermion superconductors: selected $\tilde{A}SR$ studies. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S4403-S4420.	0.7	42
72	$\tilde{A}SR$ Study of the Quantum Dynamics in the Frustrated $S=3/2$ Kagomé Bilayers. <i>Physical Review Letters</i> , 2004, 93, 187201.	2.9	42

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73	Coexistence of magnetism and superconductivity in the heavy-fermion superconductor CePt ₃ Si. Physical Review B, 2005, 71, .	1.1	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.	2.9	42
75	Magnetic and Superconducting Properties of the Heavy-Fermion Superconductor UPd ₂ Al ₃ . Europhysics Letters, 1992, 19, 127-133.	0.7	41
76	Common Energy Scale for Magnetism and Superconductivity in Underdoped Cuprates: A Muon Spin Resonance Investigation of (Ca _x La _{1-x})(Ba _{1.75-x} La _{0.25+x})Cu ₃ O _y . Physical Review Letters, 2002, 88, 137003.	2.9	40
77	Fe Mössbauer spectral and muon spin relaxation study of the magnetodynamics of monodispersed MnO. Physical Review B, 2002, 65, 014411.	1.1	40
78	Understanding the \hat{I}^3 SR spectra of MnSi without magnetic polarons. Physical Review B, 2014, 89, .	1.1	40
79	Coulomb spin liquid in anion-disordered pyrochlore Tb ₂ Hf ₂ O ₇ . Nature Communications, 2017, 8, 892.	5.8	40
80	Gapless quantum spin liquid ground state in the spin-1 antiferromagnet 6HBa ₃ O ₉ . Physical Review B, 2016, 93, .	1.1	39
81	Avoided Ferromagnetic Quantum Critical Point: Unusual Short-Range Ordered State in CeFePO. Physical Review Letters, 2012, 109, 216402.	2.9	38
82	Depth-Dependent Spin Dynamics in Thin Films of TbPc ₂ Nanomagnets Explored by Low-Energy Implanted Muons. ACS Nano, 2012, 6, 8390-8396.	7.3	38
83	Low field magnetic response of the non-centrosymmetric superconductor YPtBi. Solid State Communications, 2014, 183, 13-17.	0.9	38
84	? + SR studies of UM ₂ Al ₃ , M=Ni, Pd. European Physical Journal B, 1992, 86, 159-160.	0.6	37
85	A neutron scattering and $\hat{I}^{1/4}$ SR investigation of the magnetic phase transitions of CuB ₂ O ₄ . Physica B: Condensed Matter, 2002, 318, 277-281.	1.3	37
86	Tuning of competing magnetic and superconducting phase volumes in LaFeAsO _{1-x} F _x . Physical Review B, 2002, 65, 014411.	1.1	37
87	MnO ₂ probed by hydrostatic pressure. Physical Review B, 2002, 65, 014411.	1.1	37
88	Pressure-induced electronic phase separation of magnetism and superconductivity in CrAs. Scientific Reports, 2015, 5, 13788.	1.6	37
89	Nodeless kagome superconductivity in LaRu ₃ Si ₂ . Physical Review Materials, 2021, 5, .	0.9	37
90	Superconductivity and Field-Induced Magnetism in SrFe _{1.75} Co _{0.25} . Physical Review Letters, 2009, 103, 067010.	2.9	36

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91	Direct evidence for a pressure-induced nodal superconducting gap in the Ba _{0.65} Rb _{0.35} Fe ₂ As ₂ superconductor. <i>Nature Communications</i> , 2015, 6, 8863.	5.8	36
92	Spin-glass state in CuGa ₂ O ₄ . <i>Physical Review B</i> , 2001, 63, .	1.1	35
93	Electronic changes induced by μ SR Muon-spin-rotation observation and crystalline-electric-field model calculation. <i>Physical Review B</i> , 1997, 56, 9397-9405.	1.1	34
94	of local magnetic order in LiCrO_2 . <i>Physical Review B</i> , 2008, 77, .	1.1	34
95	layered superconductor BiS_2 . <i>Physical Review B</i> , 2013, 88, .	1.1	33
96	Magnetic excitations in single crystal PrNi ₅ . <i>Solid State Communications</i> , 1992, 82, 767-771.	0.9	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.	1.8	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.	1.1	31
99	Muon-spin-relaxation studies on the heavy-fermion system with non-Fermi-liquid behavior CeCu _{5.9} Au _{0.1} . <i>Physical Review B</i> , 1995, 52, 54-56.	1.1	31
100	Magnetic phase transitions in the double spin-chains compound LiCu ₂ O ₂ . <i>Physica B: Condensed Matter</i> , 2001, 296, 306-311.	1.3	31
101	Unconventional superconductivity and magnetism in LiCu_2O_2 . <i>Physica B: Condensed Matter</i> , 2005, 359-361, 360-367.	1.3	30
102	Short-range magnetic ordering process for the triangular-lattice compound NiGa ₂ S ₄ : A positive muon spin rotation and relaxation study. <i>Physical Review B</i> , 2008, 77, .	1.1	30
103	Coexistence of low-moment magnetism and superconductivity in tetragonal FeS and suppression of Pd . <i>Physical Review B</i> , 2016, 93, .	1.1	30
104	Positive muon spin rotation and relaxation measurements on the ferromagnetic superconductor LiGe . <i>Physical Review B</i> , 2016, 93, .	1.1	29
105	Muon spin rotation investigation of the pressure effect on the magnetic penetration depth in YBaCu_2 . <i>Physical Review B</i> , 2014, 90, .	1.1	29
106	Absence of time-reversal symmetry breaking in the non-centrosymmetric superconductor CuAlS_2 . <i>Physical Review B</i> , 2014, 90, .	1.1	29
107	Superconducting and magnetic properties of $\text{Sr}_2\text{Cu}_2\text{O}_7$. <i>Physical Review B</i> , 2014, 90, .	1.1	29

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109	SrPt_3P : A two-band single-gap superconductor. Physical Review B, 2014, 90	1.1	29

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127	Superconductivity and magnetism in $RbFe_2Se_3$. Physical Review B, 2012, 86, .	1.1	24
128	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	1.1	24
129	Magnetic Quantum Critical Point and Superconductivity in UPt ₃ Doped with Pd. Physical Review Letters, 2000, 85, 3005-3008.	2.9	23
130	Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo ₂ V ₂ O ₈ . Physical Review B, 2011, 83, .	1.1	23
131	Direct Spectroscopic Observation of a Shallow Hydrogenlike Donor State in Insulating SrTiO ₃ . Physical Review Letters, 2014, 113, 156801.	2.9	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 _{0.49} CoO ₂ . Physical Review Letters, 2006, 96, 037206.	2.9	22
134	Magnetic nature of K _x CoO ₂ near the antiferromagnetic phase with $x=0.5$: Positive muon spin rotation and relaxation. Physical Review B, 2007, 76, .	1.1	22
135	Muon-spin rotation and relaxation study on the quasi-one-dimensional compounds Ca ₃ CoRhO ₆ , Sr ₄ CoRh ₂ O ₉ , and Sr ₅ CoRh ₃ O ₁₂ . Physical Review B, 2008, 77, .	1.1	22
136	Magnetic properties of Ba ₂ Co ₂ Fe ₂ O ₁₂ a frustrated lattice geometry. Physical Review B, 2010, 81, .	1.1	22
137	Magnetic properties of the chemically delithiated Li _x Mn ₂ O ₄ with 0.07 ≤ x ≤ 1. Journal of Solid State Chemistry, 2011, 184, 1096-1104.	1.4	22
138	MuSRsim and MuSRsimAna - Simulation Tools for μ SR Instruments. Physics Procedia, 2012, 30, 61-64.	1.2	22
139	Spin-lattice coupling induced weak dynamical magnetism in EuTiO ₃ at high temperatures. Physical Review B, 2014, 90, .	1.1	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.	2.9	22
141	μ SR investigation of the μ SR site in heavy fermion compounds. , 1997, 104, 115-125.		21
142	Staggered magnetization, critical behavior, and weak ferromagnetic properties of LaMnO ₃ by muon spin rotation. Physical Review B, 2001, 64, .	1.1	21
143	Universal superconducting and magnetic properties of the (Ca _x La _{1-x})(Ba _{1.75-x} La _{0.25+x})Cu ₃ O _y system: a μ SR investigation. Solid State Communications, 2003, 126, 39-46.	0.9	21
144	Pressure-induced ferromagnet to spin-glass transition in Gd ₂ Mo ₂ O ₇ . Physical Review B, 2006, 74, .	1.1	21

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163	Superfluid density and superconducting gaps of $RbFeAs_2$ as a function of hydrostatic pressure. Physical Review B, 2012, 86, .	1.1	18
164	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	1.1	18
165	μ SR study of antiferromagnetic order in UPt3 alloyed with Pd. Physica B: Condensed Matter, 1997, 230-232, 53-55.	1.3	17
166	Transport properties and μ SR spectroscopy of $Yb(Ni_xCu_{1-x})_2Si_2$. Physica B: Condensed Matter, 1999, 259-261, 144-145.	1.3	17
167	Study of the positive muon Knight shift in $YbNi_4B_8$: Evidence for a tetravalent f^0 -state and crystalline electric field splitting. European Physical Journal B, 2000, 13, 245-256.	0.6	17
168	Universal doping dependence of the ground-state staggered magnetization of cuprate superconductors. Physical Review B, 2008, 78, .	1.1	17
169	μ SR Study on Antiferromagnetism of Alkali-Metal Clusters Incorporated in Zeolite Sodalite. Journal of the Physical Society of Japan, 2010, 79, 073707.	0.7	17
170	Specific heat of $La_{2-x}Sr_xCuO_4$: Volume fraction of superconductivity; Possible structural transition at 45K. Physica B: Condensed Matter, 1990, 165-166, 1337-1338.	1.3	16
171	Zero-field muon spin relaxation studies of low-temperature magnetism in $Yb_xY_{1-x}BiPt$ ($x = 1.0$ and 0.5). Physica B: Condensed Matter, 1993, 186-188, 615-617.	1.3	16
172	Problems of the magnetic structure of CeB_6 . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1175-1176.	1.0	16
173	Evidence for a Two Component Magnetic Response in UPt3. Physical Review Letters, 2000, 84, 2702-2705.	2.9	16
174	Spin-glass ground state in $Mn_{1-x}Ni_x$. Physical Review B, 2010, 82, .	1.1	16
175	Structural and magnetic phase transitions in triclinic $Ca_{10}(FeAs)_3PtAs_8$. Journal of Physics Condensed Matter, 2013, 25, 122203.	0.7	16
176	Multiple quantum phase transitions of different nature in the topological kagome magnet $Co_3Sn_2In_xS_2$. Npj Quantum Materials, 2021, 6, .	1.8	16
177	Transport properties of $CeCu_6$ at very low temperature. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 300-302.	1.0	15
178	Muon-spin-rotation studies of $HoNi_2B_2C$. Physical Review B, 1996, 53, R510-R513.	1.1	15
179	Magnetism in heavy-fermion $U(Pt,Pd)_3$ studied by μ SR. Journal of Physics Condensed Matter, 1999, 11, 8591-8606.	0.7	15
180	Probing the ground state properties of iron-based superconducting pnictides and related systems by muon-spin spectroscopy. Physica C: Superconductivity and Its Applications, 2009, 469, 606-613.	0.6	15

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181	Intrinsic magnetic relaxation in goethite. Physical Review B, 2012, 85, .	1.1	15
182	Evidence for an exotic magnetic transition in the triangular spin system FeGa_2S_4 . Physical Review B, 2012, 85, .	1.1	15
183	Determination of the zero-field magnetic structure of the helimagnet MnSi at low temperature. Physical Review B, 2016, 93, .	1.1	15
184	In-plane magnetic penetration depth of superconducting $\text{CaKFe}_4\text{As}_2$. Physical Review B, 2018, 97, .		
185	Muon spin rotation study of type-I superconductivity: Elemental $\text{Ir}_2\text{-Sn}$. Physical Review B, 2019, 99, .	1.1	15
186	NMR and μSR studies of valence fluctuation and magnetism in Sm_3Se_4 . Physica B: Condensed Matter, 1993, 186-188, 422-424.	1.3	14
187	Magnetic properties of copper metaborate CuB_2O_4 . Low Temperature Physics, 2002, 28, 606-612.	0.2	14
188	Low-energy spin dynamics in the giant keplerate molecule $\text{Mo}_7\text{Fe}_{30}$. Physical Review B, 2019, 99, .	1.1	14
189	A muon spin relaxation and Quantized Hyperfine Field at an Implanted $\frac{1}{4}$ +Site in PrPb_3 : Interplay between Localized Electrons and an Interstitial Charged Particle. Physical Review Letters, 2009, 102, 096403.	2.9	14
190	Long-range dynamical magnetic order and spin tunneling in the cooperative paramagnetic states of the pyrochlore analogous spinel antiferromagnets CdYb_2S_4 .		

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199	Extended Magnetic Dome Induced by Low Pressures in Superconducting $\text{FeSe}_x\text{Te}_{1-x}$. Physical Review Letters, 2019, 123, 147001.		
200	Superconducting nature of the Bi-II phase of elemental bismuth. Physical Review B, 2019, 99, .	1.1	13
201	Magnetism in heavy-fermion systems probed by μSR spectroscopy. Physica B: Condensed Matter, 1994, 199-200, 91-94.	1.3	12
202	μSR studies of magnetic properties of boron carbide superconductors. Physica B: Condensed Matter, 1995, 206-207, 552-554.	1.3	12
203	Spin-glass ordering in non phase separated $\text{La}_2\text{CuO}_{4+x}$ studied by μSR . Physica C: Superconductivity and Its Applications, 1996, 272, 250-256.	0.6	12
204	Microscopic phase separation in $\text{La}_2\text{CuO}_{4+x}$ induced by the superconducting transition. Physical Review B, 1998, 58, 12350-12354.	1.1	12
205	geant4 simulation and optimisation of the high-field SR spectrometer. Physica B: Condensed Matter, 2009, 404, 970-973.	1.3	12
206	High pressure study on cobalt oxide spinel. Physica B: Condensed Matter, 2009, 404, 652-655.	1.3	12
207	Successive magnetic transitions and static magnetic order in RCoAsO (R=La, Ce, Pr, Nd, Sm, Gd) confirmed by muon-spin rotation and relaxation. Physical Review B, 2011, 84, .	1.1	12
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