

Alex Amato

List of Publications by Year in descending order

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times ranked

7204
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a Continuous Muon Source for the Non-Destructive and Depth-Selective Elemental Composition Analysis by Muon Induced X- and Gamma-rays. Applied Sciences (Switzerland), 2022, 12, 2541.	1.3	9
2	Low-temperature magnetic crossover in the topological kagome magnet TbMn6Sn6. Communications Physics, 2022, 5, .	2.0	12
3	Nodeless kagome superconductivity in LaRu_3Mn_2 . Physical Review Materials, 2021, 5, .	1.9	17
4	Multiple quantum phase transitions of different nature in the topological kagome magnet $\text{Co}_3\text{Sn}_2\text{As}_2\text{In}_x\text{S}_2$. Npj Quantum Materials, 2021, 6, .	1.8	16
5	Pressure dependence of the superconducting and magnetic transition temperatures in Sr_2RuO_4 . Physical Review B, 2021, 104, .	1.1	11
6	Time-reversal invariant and fully gapped unconventional superconducting state in the bulk of the topological compound $\text{Nb}_{0.25}\text{Bi}_2\text{Se}_3$. Physical Review B, 2020, 102, .	1.1	11
7	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
8	Pressure Induced Topological Quantum Phase Transition in Weyl Semimetal Td-MoTe2. Journal of the Physical Society of Japan, 2020, 89, 094707.	0.7	4
9	Structural phases of elemental Ga: Universal relations in conventional superconductors. Physical Review B, 2020, 101, .	1.1	7
10	Self-Consistent Two-Gap Approach in Studying Multi-Band Superconductivity of $\text{NdFeAsO}_{0.65}\text{F}_{0.35}$. Frontiers in Physics, 2020, 8, .	1.0	6
11	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	5.8	112
12	Dual nature of magnetism in MnSi. Physical Review Research, 2020, 2, .	1.3	11
13	Extended Magnetic Dome Induced by Low Pressures in Superconducting $\text{FeSe}_x\text{Te}_{1-x}$. Physical Review Letters, 2019, 123, 147001.	1.1	11
14	Nodeless superconductivity and its evolution with pressure in the layered dirac semimetal 2M-WS2. Npj Quantum Materials, 2019, 4, .	1.8	20
15	Muon spin rotation study of type-I superconductivity: Elemental Bi_2Te_3 -Sn. Physical Review B, 2019, 99, .	1.1	15
16	Superconducting nature of the Bi-II phase of elemental bismuth. Physical Review B, 2019, 99, .	1.1	13
17	Anisotropy induced vortex lattice rearrangement in $\text{CaKFe}_4\text{As}_2$. Physical Review B, 2019, 99, .	1.1	11
18	Type-I superconductivity in the Dirac semimetal PdTe_2 probed by μSR . Physical Review B, 2019, 100, .	1.1	29

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19	Unconventional scaling of the superfluid density with the critical temperature in transition metal dichalcogenides. <i>Science Advances</i> , 2019, 5, eaav8465.	4.7	20
20	Investigation of the Magnetic Properties of Na _{0.7} CoO ₂ Prepared by Electrochemical Reaction. , 2018, , .		2
21	$\frac{1}{4}$ +SR Investigation of the Shastryâ€™Sutherland Compound SrCu ₂ (BO ₃) ₂ . , 2018, , .		2
22	In-plane magnetic penetration depth of superconducting $\text{CaKFe}(\text{AsO})_4$. <i>Physical Review B</i> , 2018, 97, .		
23	Muon spin rotation study of the topological superconductor $\text{Sr}(\text{Bi})_2\text{TeO}_6$. <i>Physical Review B</i> , 2018, 97, .		
24	Microscopic investigation of the weakly correlated noncentrosymmetric superconductor SrAuSi ₃ . <i>Physical Review B</i> , 2018, 97, .	1.1	1
25	Effect of the external pressure at the crossover between magnetism and superconductivity in LnFeAsO _{1-x} F _x (Ln = La, Ce) superconductors. <i>International Journal of Modern Physics B</i> , 2018, 32, 1840018.	1.0	0
26	Magnetic Spin Correlations in the One-dimensional Frustrated Spin-chain System Ca ₃ Co ₂ O ₆ . , 2018, , .		1
27	On the Robustness of the MnSi Magnetic Structure Determined by Muon Spin Rotation. <i>Quantum Beam Science</i> , 2018, 2, 19.	0.6	6
28	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. <i>Physical Review B</i> , 2018, 98, .	1.1	18
29	Internal Magnetic Field on the Two-Dimensional Triangular Lattice Formed by Mo ₃ O ₈ Trimers. , 2018, , .		0
30	Magnetism in semiconducting molybdenum dichalcogenides. <i>Science Advances</i> , 2018, 4, eaat3672.	4.7	92
31	Superconductivity of Bi-II phase of elemental bismuth: Insights from muon-spin rotation and density functional theory. <i>Physical Review B</i> , 2018, 98, .	1.1	12
32	Suppression of $\frac{1}{4}$ depolarization by fast magnetic fluctuations at avoided level crossings for Ho ³⁺ ions in CaWO ₄ . <i>Physical Review B</i> , 2018, 98, .	1.1	0
33	Chemical and hydrostatic-pressure effects on the Kitaev honeycomb material Na_2IrO_6 . <i>Physical Review B</i> , 2018, 98, .		
34	$\frac{1}{4}$ +SR Study on Layered Chromium Perovskites: Sr _n +1Cr _n O ₃ +1 (n = 1-3). , 2018, , .		2
35	Magnetic tricritical point and nematicity in FeSe under pressure. <i>Physical Review B</i> , 2018, 97, .	1.1	13
36	Magnetic states of MnP: muon-spin rotation studies. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 164003.	0.7	11

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37	Signatures of the topological $s + \hat{a}^{\sim}$ superconducting order parameter in the type-II Weyl semimetal Td-MoTe ₂ . Nature Communications, 2017, 8, 1082.	5.8	101
38	Evidence for spin liquid ground state in SrDy ₂ O ₄ frustrated magnet probed by μ SR. Journal of Physics: Conference Series, 2017, 828, 012014.	0.3	10
39	Long-range dynamical magnetic order and spin funneling in the cooperative paramagnetic states of the pyrochlore analogous spinel antiferromagnets $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{CdYb} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{fr}$		

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55	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	1.1	24
56	Gapless quantum spin liquid ground state in the spin-1 antiferromagnet 6HB- Ba_3O_9 . Physical Review B, 2016, 93, .	1.1	39
57	Fully gapped superconductivity in the topological superconductor Ce_3Sb_5 . Physical Review B, 2016, 93, .	1.1	27
58	Low-temperature and high-pressure μ SR study of the strongly correlated CeNiSn Hx compounds. Physical Review B, 2016, 93, .	1.1	4
59	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.	1.1	53
60	Probing the pairing symmetry in the over-doped Fe-based superconductor BaFe_2As_2 as a function of hydrostatic pressure. Physical Review B, 2016, 93, .	1.1	11
61	Proximity-induced superconductivity within the insulating BaFe_2As_2 .	1.1	10

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73	^{119}Sn -NMR investigations on superconducting $\text{Ca}_3\text{Ir}_4\text{Sn}_{13}$: Evidence for multigap superconductivity. <i>Physica B: Condensed Matter</i> , 2015, 479, 51-53.	1.3	8
74	Direct evidence for a pressure-induced nodal superconducting gap in the $\text{Ba}_{0.65}\text{Rb}_{0.35}\text{Fe}_2\text{As}_2$ superconductor. <i>Nature Communications</i> , 2015, 6, 8863.	5.8	36
75	^{171}Yb SR study on quantum spin system NH_4CuCl_3 . <i>Journal of Physics: Conference Series</i> , 2014, 551, 012007.	0.3	1
76	Short-Range Correlations in the Magnetic Ground State of Na_4O_8 . <i>Physical Review Letters</i> , 2014, 113, 247601.	2.9	23
77	Muonium states in $\text{Cu}_2\text{ZnSnS}_4$ solar cell material. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012045.	0.3	8
78	Thermally activated spin fluctuations in stoichiometric LiCoO_2 clarified by electron paramagnetic resonance and muon-spin rotation and relaxation measurements. <i>Physical Review B</i> , 2014, 89, .	1.1	21
79	Direct Spectroscopic Observation of a Shallow Hydrogenlike Donor State in Insulating SrTiO_3 . <i>Physical Review Letters</i> , 2014, 113, 156801.	2.9	23
80	Absence of time-reversal symmetry breaking in the noncentrosymmetric superconductor AlC_3 . <i>Physical Review B</i> , 2014, 90, .	1.1	29
81	Superconducting and magnetic properties of Sr_3P_2 . <i>Physical Review B</i> , 2014, 90, .	1.1	29
82	SrPtP_3 : A two-band single-gap superconductor. <i>Physical Review B</i> , 2014, 90, .	1.1	29
83	Understanding the ^{171}Yb SR spectra of MnSi without magnetic polarons. <i>Physical Review B</i> , 2014, 89, .	1.1	40
84	Magnetic field distribution and characteristic fields of the vortex lattice for a clean superconducting niobium sample in an external field applied along a three-fold axis. <i>Physical Review B</i> , 2014, 89, .	1.1	5
85	Low-temperature magnetic fluctuations in the Kondo insulator SmB_6 . <i>Physical Review B</i> , 2014, 89, .	1.1	27
86	Magnetism of PdNi_x near the critical concentration for ferromagnetism. <i>Physical Review B</i> , 2014, 89, .	1.1	3
87	Spin dynamics and disorder effects in the Heisenberg spin-liquid phase of Kapellasite . <i>Physical Review B</i> , 2014, 90, .	1.1	6
88	Superconductivity in a new layered bismuth oxyarsenide: $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiSe}_2$. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 215702.	0.7	62
89	Spin-lattice coupling induced weak dynamical magnetism in EuTiO_3 at high temperatures. <i>Physical Review B</i> , 2014, 90, .	1.1	22
90	Direct observation of the spin texture in SmB_6 as evidence of the topological Kondo insulator. <i>Nature Communications</i> , 2014, 5, 4566.	5.8	193

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91	Low field magnetic response of the non-centrosymmetric superconductor YPtBi. Solid State Communications, 2014, 183, 13-17.	0.9	38
92	$\nu=1/4$ SR study of a quantum spin liquid candidate: the $\nu=1/2$ vanadium oxyfluoride kagome antiferromagnet. Journal of Physics: Conference Series, 2014, 551, 012004.	0.3	7
93	Ground State of Bond-Disordered Quasi-One-Dimensional Spin System $(\text{CH}_3)_2\text{CHNH}_3\text{Cu}(\text{Cl})_x\text{Br}_{1-x}$ with $x = 0, 0.25, \text{ and } 0.3$. , 2014, , .		
94	Superconducting properties of $\text{Ca}_3\text{Ir}_4\text{Sn}_{13}$: a $\nu=1/4$ SR study. Journal of Physics: Conference Series, 2014, 551, 012029.	0.3	6
95	Field dependence of the superconducting gap in YPd_2Sn : A $\nu=1/4$ SR and NMR study. Journal of Physics: Conference Series, 2014, 551, 012027.	0.3	5
96	Spin fluctuations above 100 K in stoichiometric LiCoO_2 . Journal of Physics: Conference Series, 2014, 551, 012008.	0.3	3
97	Magnetism and magnetic order in the pyrochlore iridates in the insulator-to-metal crossover region. Journal of Physics: Conference Series, 2014, 551, 012020.	0.3	13
98	Photoemission and muon spin relaxation spectroscopy of the iron-based RbFe_2Se_2 surface and bulk electronic structure of the strongly correlated system SmB_6 and implications for a topological Kondo insulator. Physical Review B, 2013, 88, 041107.	1.1	20
99	Two-Dimensional Superfluid Density in an Alkali Metal-Organic Solvent Intercalated Iron Selenide Superconductor $\text{Li}_x\text{Fe}_2\text{Se}_2$. Physical Review B, 2013, 88, 041107.	1.1	179
100	Antiferromagnetic spin structure and lithium ion diffusion in Li_2MnO_3 probed by structural and magnetic phase transitions in triclinic $\text{Ca}_{10}(\text{FeAs})_{10}(\text{Pt}_3\text{As}_8)$. Journal of Physics Condensed Matter, 2013, 25, 122203.	2.9	20
101	Evidence for superconductivity with broken time-reversal symmetry in locally noncentrosymmetric SrPtAs . Physical Review B, 2013, 87, 041107.	1.1	166
102	Low superfluid density and possible multigap superconductivity in the layered superconductor Bi_2O_7 . Physical Review B, 2013, 88, 041107.	1.1	37
103	Pressure dependence of magnetic transition temperature in $\text{Li}[\text{Li}_x\text{Mn}_{2-x}]\text{O}_4$ studied by muon-spin rotation and relaxation. Journal of Applied Physics, 2013, 113, 053904.	1.1	3
104	Dynamical Splayed Ferromagnetic Ground State in the Quantum Spin Ice $\text{Yb}_2\text{Sn}_7\text{O}_{13}$. Physical Review Letters, 2013, 111, 207201.	1.1	18
105	Partially disordered spin structure in Ag_2Sn . Physical Review B, 2013, 88, 041107.	1.1	3
106	Structural and magnetic phase transitions in triclinic $\text{Ca}_{10}(\text{FeAs})_{10}(\text{Pt}_3\text{As}_8)$. Journal of Physics Condensed Matter, 2013, 25, 122203.	1.1	8
107	Low superfluid density and possible multigap superconductivity in the layered superconductor Bi_2O_7 . Physical Review B, 2013, 88, 041107.	1.1	33
108	Pressure dependence of magnetic transition temperature in $\text{Li}[\text{Li}_x\text{Mn}_{2-x}]\text{O}_4$ studied by muon-spin rotation and relaxation. Journal of Applied Physics, 2013, 113, 053904.	1.1	3
109	Dynamical Splayed Ferromagnetic Ground State in the Quantum Spin Ice $\text{Yb}_2\text{Sn}_7\text{O}_{13}$. Physical Review Letters, 2013, 111, 207201.	1.1	8

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109	Short-range magnetic order and effective suppression of superconductivity by manganese doping in $\text{LaFe}_{1-x}\text{Mn}_x\text{AsO}_{1-y}$. Physical Review B, 2013, 87, .	1.1	12
110	Evidence for Cooper pair diffraction on the vortex lattice of superconducting niobium. Physical Review B, 2013, 88, .	1.1	5
111	Superfluid density and superconducting gaps of BiFeAs as a function of hydrostatic pressure. Physical Review B, 2012, 86, .	1.1	18
112	Avoided Ferromagnetic Quantum Critical Point: Unusual Short-Range Ordered State in CeFePO . Physical Review Letters, 2012, 109, 216402.	2.9	38
113	Superconductivity and magnetism in $\text{Rb}_x\text{Fe}_{1-x}\text{Se}$. Critical behavior of the Mn impurity. Physical Review B, 2012, 86, .	1.1	24
114	$[\text{Nb}(\text{CN})_8]$ molecular magnet. Physical Review B, 2012, 85, .	1.1	7
115	Intrinsic magnetic relaxation in goethite. Physical Review B, 2012, 85, .	1.1	15
116	Study on ferromagnetic hollandite $\text{K}_x\text{Cr}_y\text{Sr}_{1-x-y}\text{O}_{10}$. Physical Review B, 2012, 85, .	1.1	25
117	Superconducting parameters of $\text{BaPt}_4\text{AuxGe}_{12}$ filled skutterudite. Physical Review B, 2012, 86, .	1.1	5
118	Evidence for an exotic magnetic transition in the triangular spin system FeGaS . Physical Review B, 2012, 85, .	1.1	15
119	New Perspectives for Cuprate Research: $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$ Single Crystals. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2331-2335.	1.1	61
120	New Perspectives for Cuprate Research: $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$ Single Crystals. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2331-2335.	0.8	9
121	Kapellasite: A Kagome Quantum Spin Liquid with Competing Interactions. Physical Review Letters, 2012, 109, 037208.	2.9	201
122	High-Field $\hat{1}/4$ SR Instrument at PSI: Detector Solutions. Physics Procedia, 2012, 30, 7-11.	1.2	13
123	MusrSim and MusrSimAna - Simulation Tools for $\hat{1}/4$ SR Instruments. Physics Procedia, 2012, 30, 61-64.	1.2	22
124	Microscopic Magnetic Nature of the Quasi-one-Dimensional Antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$. Physics Procedia, 2012, 30, 146-150.	1.2	7
125	Ferromagnetic Hollandite $\text{K}_2\text{Cr}_8\text{O}_{16}$. Physics Procedia, 2012, 30, 186-189.	1.2	3
126	Successive Magnetic Transitions in RECoAsO . Physics Procedia, 2012, 30, 262-265.	1.2	0

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127	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
128	Magnetic order in the pyrochlore iridates A ₂ Ir ₂ O ₇ (A= Y, Yb). Physical Review B, 2012, 86, .	1.1	89
129	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
130	Effect of external pressure on the magnetic properties of LnFeAsO (Ln = La, Ce, Pr, Sm). Superconductor Science and Technology, 2012, 25, 084009.	1.8	32
131	Evolution of spin relaxation processes in LiY _{1-x} HoxF ₄ studied via ac-susceptibility and muon spin relaxation. Physical Review B, 2012, 86, .	1.1	7
132	Competing interactions and magnetic frustration in Yb ₄ LiGe ₄ . Physical Review B, 2011, 84, .	1.1	4
133	Microscopic Coexistence of Superconductivity and Magnetism in $Ba_{1-x}K_xFe_2As_2$. Physical Review Letters, 2011, 107, 037001.	2.9	102
134	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
135	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
136	Possible Long-periodic Magnetic Structure in SmPb ₃ . Journal of the Physical Society of Japan, 2011, 80, SA075.	0.7	0
137	A lens-coupled scintillation counter in cryogenic environment. Journal of Instrumentation, 2011, 6, P02003-P02003.	0.5	2
138	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
139	First-order nature of the ferromagnetism in CeIn ₂ investigated using muon spin rotation and by systematic substitution of La for Ce. Physical Review B, 2011, 84, .	1.1	7
140	Tuning of competing magnetic and superconducting phase volumes in LaFeAsO _{1-x} F _x by hydrostatic pressure. Physical Review B, 2011, 84, .	1.1	37
141	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
142	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
143	Reentrant quantum criticality in Yb _{1-x} Cu _x Fe ₂ As ₂ . Physical Review B, 2011, 84, .	1.1	29
144	Reentrant quantum criticality in Yb _{1-x} Pd _x Fe ₂ As ₂ . Physical Review B, 2011, 84, .	1.1	30

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145	Ground state in the frustrated kagome antiferromagnet MgCu ₃ (OH) _{xF} Cl _{3-x} . Physical Review B, 2010, 82, .	1.1	56
146	Exotic transition in the three-dimensional spin-liquid candidate Tb ₂ Ti ₂ O ₇ . Physical Review Letters, 2010, 104, 087004.	1.1	49
147	Superconductivity in the iron-based superconductor Ba _{1-x} K _x Fe ₂ As ₂ . Physical Review Letters, 2010, 104, 087004.	1.1	4
148	¹ / ₄ SR study of spin dynamics in LiY _{1-x} HoxF ₄ . Physical Review B, 2011, 83, .	1.1	4
149	¹ / ₄ +SR study on triangular antiferromagnet LiCrO ₂ . Journal of Physics: Conference Series, 2010, 225, 012016.	0.3	2
150	¹ / ₄ 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
151	¹ / ₄ SR study on the ground state of bond-disordered spin gap system (CH ₃) ₂ CHNH ₃ Cu(Cl _x Br _{1-x}) ₃ . Physical Review Letters, 2010, 104, 087004.	0.3	2
152	¹ / ₄ SR and NMR study on quantum critical point in quantum spin ladder (CH ₃) ₂ CHNH ₃ Cu(Cl _x Br _{1-x}) ₃ . Journal of Physics: Conference Series, 2010, 200, 022036.	0.3	2
153	¹ / ₄ SR study of CeRhIn ₅ under applied pressure. Journal of Physics: Conference Series, 2010, 225, 012011.	0.3	1
154	Experimental validation of Villain's conjecture about magnetic ordering in quasi-1D helimagnets. Journal of Magnetism and Magnetic Materials, 2010, 322, 1259-1261.	1.0	8
155	Evolution of Two-Gap Behavior of the Superconductor FeSe. Physical Review Letters, 2010, 104, 087004.	2.9	97
156	Muon spin rotation study of the magnetic penetration depth in the intercalated graphite superconductor CaC ₆ . Physical Review B, 2010, 82, .	1.1	8
157	Absence of magnetic phase separation in MnSi under pressure. Physical Review B, 2010, 81, .	1.1	11
158	Evidence for time-reversal symmetry breaking in superconducting PrPt ₄ . Physical Review B, 2010, 82, .	1.1	101
159	Positive muon spin rotation and relaxation measurements on the ferromagnetic superconductor UGe ₂ at ambient and high pressure. Physical Review B, 2010, 81, .	1.1	29
160	Magnetic properties of Ba ₂ Fe ₂ As ₂ in a frustrated lattice geometry. Physical Review B, 2010, 81, .	1.1	2
161	Neutron diffraction, bulk magnetization, and ¹ / ₄ SR experiments on the superconductor Ba _{1-x} K _x Fe ₂ As ₂ . Physical Review B, 2010, 81, .	1.1	9
162	Spin-glass ground state in Mn _{1-x} Co _x F ₄ . Physical Review B, 2010, 82, .	1.1	1

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163	Pressure Induced Static Magnetic Order in Superconducting FeSe . Physical Review Letters, 2010, 104, 087003.	2.9	176
164	Microscopic Magnetic Study on the Nominal Composition $\text{Li}_{1/3}\text{Mn}_{5/3}\text{O}_4$ by Muon-Spin Rotation/Relaxation Measurements. Journal of Physical Chemistry C, 2010, 114, 11320-11327.	1.5	20
165	Structural and Magnetic Nature for Fully Delithiated Li_xNiO_2 : Comparative Study between Chemically and Electrochemically Prepared Samples. Journal of Physical Chemistry C, 2010, 114, 8626-8632.	1.5	9
166	Microscopic study of the superconducting state of the iron pnictide RbFe muon spin rotation. Physical Review B, 2010, 82, .	2.1	28
167	Superconductivity and Field-Induced Magnetism in $\text{SrFe}_{1.75}\text{Co}$. Physical Review Letters, 2009, 103, 067010.	2.9	36
168	Quantized Hyperfine Field at an Implanted Pb^{14+} Site in PrPb_3 : Interplay between Localized Electrons and an Interstitial Charged Particle. Physical Review Letters, 2009, 102, 096403.	2.9	14
169	Spin dynamics in Heisenberg triangular antiferromagnets: A study of Sr . Physical Review B, 2009, 80, 040407.	1.1	11
170	Two-Gap Superconductivity in $\text{BaKFe}_2\text{As}_2$ and $\text{BaKFe}_2\text{As}_2$. Physical Review Letters, 2009, 102, 187005.	2.2	105
171	Muon Spin Rotation and Relaxation in the Superconducting Ferromagnet UCoGe . Physical Review Letters, 2009, 102, 167003.	2.9	56
172	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
173	Momentum-resolved superconducting gap in the bulk of $\text{BaKFe}_2\text{As}_2$ from combined ARPES and μSR measurements. New Journal of Physics, 2009, 11, 055069.	1.2	124
174	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
175	Microscopic magnetic nature of layered cobalt dioxides investigated by muon-spin rotation and relaxation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 305-308.	0.7	0
176	The electronic phase diagram of the $\text{LaO}_{1-x}\text{FxFeAs}$ superconductor. Nature Materials, 2009, 8, 305-309.	13.3	390
177	Static magnetic order on the triangular lattice in with. Physica B: Condensed Matter, 2009, 404, 663-666.	1.3	1
178	Paramagnetic nature of the layered cobalt dioxide with a double rocksalt-type layer. Physica B: Condensed Matter, 2009, 404, 607-610.	1.3	2
179	study on. Physica B: Condensed Matter, 2009, 404, 645-648.	1.3	10
180	study on ferromagnetic properties of Rb clusters incorporated into zeolite A. Physica B: Condensed Matter, 2009, 404, 634-637.	1.3	4

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181	Fast muon spin relaxation in ferromagnetism of potassium clusters in zeolite A. <i>Physica B: Condensed Matter</i> , 2009, 404, 630-633.	1.3	6
182	Static magnetic order in metallic triangular antiferromagnet Ag ₂ MnO ₂ . <i>Physica B: Condensed Matter</i> , 2009, 404, 777-780.	1.3	1
183	Static magnetic order and anisotropy of the layered cobalt dioxides and. <i>Physica B: Condensed Matter</i> , 2009, 404, 773-776.	1.3	1
184	Annihilation of antiferromagnetic order in by excess Li. <i>Physica B: Condensed Matter</i> , 2009, 404, 769-772.	1.3	7
185	Magnetism and superconductivity in heavy fermion superconductor. <i>Physica B: Condensed Matter</i> , 2009, 404, 754-756.	1.3	0
186	Probing the ground state of through measurements. <i>Physica B: Condensed Matter</i> , 2009, 404, 686-688.	1.3	21
187	study of thiospinel. <i>Physica B: Condensed Matter</i> , 2009, 404, 649-651.	1.3	7
188	A novel VME based SR data acquisition system at PSI. <i>Physica B: Condensed Matter</i> , 2009, 404, 1007-1009.	1.3	8
189	geant4 simulation and optimisation of the high-field SR spectrometer. <i>Physica B: Condensed Matter</i> , 2009, 404, 970-973.	1.3	12
190	Micro- and macroscopic magnetism in Li _x NiO ₂ . <i>Journal of Power Sources</i> , 2009, 189, 665-668.	4.0	7
191	High pressure study on cobalt oxide spinel. <i>Physica B: Condensed Matter</i> , 2009, 404, 652-655.	1.3	12
192	Coexistence of incommensurate magnetism and superconductivity in Fe . <i>Physical Review B</i> , 2009, 80.	1.1	114
193	of local magnetic order in LiCrO_2 . <i>Physical Review B</i> , 2009, 79.	1.1	34
194	Spin-glass state and long-range magnetic order in Pb . <i>Physical Review B</i> , 2009, 79.	1.1	60
195	FeAsO (Tj ETC).	1.1	123
196	Frustrated magnetism in the quantum Kagome Herbertsmithite ZnCu ₃ (OH) ₆ Cl ₂ antiferromagnet. <i>Journal of Physics: Conference Series</i> , 2009, 145, 012004.	0.3	10
197	Onset of magnetic correlations in LiY _{1-x} HoxF ₄ with 0.002 ≤ x ≤ 0.05 studied via $\frac{1}{4}$ SR. <i>Journal of Physics: Conference Series</i> , 2009, 150, 042044.	0.3	3
198	Observation of the topological phase transition in the triangular Heisenberg antiferromagnet NiGa ₂ S ₄ . <i>Journal of Physics: Conference Series</i> , 2009, 145, 012045.	0.3	2

#	ARTICLE	IF	CITATIONS
199	Electronic and magnetic properties of novel layered cobalt dioxides $A_x\text{CoO}_2$ with $A = \text{Li, Na, and K}$. Journal of Materials Science: Materials in Electronics, 2008, 19, 883-893.	1.1	4
200	Micro- and macroscopic magnetism on layered cobalt dioxide Li_xCoO_2 ($0.1 \leq x \leq 1/2$). Journal of Physics and Chemistry of Solids, 2008, 69, 1479-1482.	1.9	5
201	Commensurate Spin Density Wave in LaFeAsO : A Local Probe Study. Physical Review Letters, 2008, 101, 077005.	2.9	267
202	Evidence of nodeless superconductivity in FeSe a muon-spin-rotation study of the in-plane magnetic penetration depth. Physical Review B, 2008, 78, .	1.1	100
203	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
204	Short-range magnetic ordering process for the triangular-lattice compound NiGa_2S_4 : A positive muon spin rotation and relaxation study. Physical Review B, 2008, 77, .	1.1	30
205	Comparative ^{57}Fe investigation of static magnetic order and anisotropy of the pure and Pb-doped $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$ layered cobalt dioxides. Physical Review B, 2008, 78, .	1.1	5
206	Static magnetic order in the triangular lattice of Li_xCoO_2 .		

#	ARTICLE	IF	CITATIONS
217	Magnetic Phase Diagram of Layered Cobalt Dioxide $\text{Li}_{1-x}\text{CoO}_2$ Low-energy spin dynamics in the giant Heptate molecule Physical Review Letters, 2007, 98, 077201.	2.9	66
218	$\text{Mo}_{72}\text{Fe}_{30}$ mathvariant="normal">Mo</mml:mi><mml:mn>72</mml:mn></mml:msub><mml:msub><mml:mi>Mo</mml:mi><mml:mn>30</mml:mn></mml:msub></mml:math></mml:mrow></mml:math>: A muon spin relaxation and display="inl	1.1	14
219	Magnetic nature of K_xCoO_2 near the antiferromagnetic phase with $x=0.5$: Positive muon spin rotation and relaxation. Physical Review B, 2007, 76, 074407. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>57</mml:mn></mml:mn></mml:mmultiscripts></mml:math><math>M\text{A}^{\text{ssbauer}} spectral and muon	1.1	22
220	spin relaxation study of the magnetodynamics of monodispersed xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi> \hat{I}^3 </mml:mi><mml:mtext> \hat{a}^3 </mml:mtext><mml:msub><mml:mi>math	1.1	40
221	Heavy Fermion Superconductivity and Antiferromagnetic Ordering in CePt_3Si without Inversion Symmetry. Journal of the Physical Society of Japan, 2007, 76, 051009.	0.7	76
222	Local spin dynamics in magnetic molecular chains studied by NMR and $\hat{I}^{1/4}$ SR. Inorganica Chimica Acta, 2007, 360, 3903-3908.	1.2	5
223	Two dimensionality in quasi-one-dimensional cobalt oxides confirmed by muon-spin spectroscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, 2719-2721.	1.0	4
224	studies of hydrogen-bonded ferroelectrics and antiferroelectrics. Physica B: Condensed Matter, 2007, 388, 274-277.	1.3	6
225	Muon Spin Relaxation Studies of Superconductivity in a Crystalline Array of Weakly Coupled Metal Nanoparticles. Physical Review Letters, 2006, 97, 077601.	2.9	25
226	Magnetic analog of the isotope effect in cuprates. Physical Review B, 2006, 74, .	1.1	48
227	Evidence of Two Dimensionality in Quasi-One-Dimensional Cobalt Oxides. Physical Review Letters, 2006, 96, 197206.	2.9	46
228	Dynamics in pure and substituted volborthite kagome-like compounds. Physica B: Condensed Matter, 2006, 374-375, 134-137.	1.3	9
229	Low-T dynamics in the highly frustrated kagomÃ© bilayers: A phenomenological function for a spin liquid state?. Physica B: Condensed Matter, 2006, 374-375, 138-141.	1.3	1
230	Studies of (and Yb); new results. Physica B: Condensed Matter, 2006, 374-375, 145-147.	1.3	18
231	$\hat{I}^{1/4}$ SR study of frustrated Delafossites $\text{YCuO}_2+\hat{I}$. Physica B: Condensed Matter, 2006, 374-375, 152-155.	1.3	3
232	Anisotropy and two-gap contributions to flux lattice in superconductor and alloys. Physica B: Condensed Matter, 2006, 374-375, 235-238.	1.3	1
233	study of the triangular-lattice antiferromagnet. Physica B: Condensed Matter, 2006, 374-375, 160-162.	1.3	2
234	Evidence for an antiferromagnetic component in the magnetic structure of ZrZn_2 . Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 349, 513-515.	0.9	7

#	ARTICLE	IF	CITATIONS
235	Feeling defects in Zircaloy by extended X-ray absorption fine structure and muon spin relaxation analyses. <i>Journal of Nuclear Materials</i> , 2006, 352, 126-135.	1.3	6
236	Inhomogeneous magnetism in the CeNi/Cu pseudobinary compounds. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 17-20.	1.3	4
237	The Verwey transition in : A single crystal muon investigation. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 51-54.	1.3	8
238	Anisotropic magnetic moments in. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 83-86.	1.3	4
239	Magnetic order and superconductivity in single-crystalline. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 167-170.	1.3	19
240	μ SR investigation of CeCo4B. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 188-191.	1.3	3
241	Series of bulk magnetic-phase transitions in : A study. <i>Physica B: Condensed Matter</i> , 2006, 374-375, 278-281.	1.3	1
242	Muon spin relaxation measurements on zirconia samples. <i>Scripta Materialia</i> , 2006, 54, 1211-1216.	2.6	4
243	Static Magnetic Order in Metallic $K_0.49CoO_2$. <i>Physical Review Letters</i> , 2006, 96, 037206.	2.9	22
244	Pressure-induced ferromagnet to spin-glass transition in $Gd_2Mo_2O_7$. <i>Physical Review B</i> , 2006, 74, .	1.1	21
245	Driven vortices in type-II superconductors: A muon spin rotation study. <i>Physical Review B</i> , 2006, 73, .	1.1	10
246	Spin Dynamics and Magnetic Order in Magnetically Frustrated $Tb_2Sn_2O_7$. <i>Physical Review Letters</i> , 2006, 96, 127202.	2.9	88
247	Direct Evidence for a Dynamical Ground State in the Highly Frustrated $Tb_2Sn_2O_7$ Pyrochlore. <i>Physical Review Letters</i> , 2006, 97, 117203.	2.9	62
248	Unconventional superconductivity and magnetism in. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 360-367.	1.3	30
249	Inhomogeneous magnetic order in Th-doped UPt_3 detected by μ SR. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 1063-1065.	1.3	0
250	Coexistence of magnetism and superconductivity in the heavy-fermion superconductor $CePt_3Si$. <i>Physical Review B</i> , 2005, 71, .	1.1	42
251	Demonstrating multibit magnetic memory in the Fe_8 high-spin molecule by muon spin rotation. <i>Physical Review B</i> , 2005, 72, .	1.1	1
252	Cascade of Bulk Magnetic Phase Transitions in $NaxCoO_2$ as Studied by Muon Spin Rotation. <i>Physical Review Letters</i> , 2005, 94, 136403.	2.9	75

#	ARTICLE	IF	CITATIONS
253	Muon Spin Rotation. , 2005, , 41-49.		2
254	Correlation between magnetic and electronic properties of the perovskite HoBaCo2O5. Journal of Physics Condensed Matter, 2004, 16, 3361-3369.	0.7	0
255	A local study of dynamic and static magnetism in the KagomÃ© bilayer compound Ba2Sn2ZnCr6.8Ga3.2O22. Journal of Physics Condensed Matter, 2004, 16, S817-S822.	0.7	8
256	Weak-magnetism phenomena in heavy-fermion superconductors: selected ÅSR studies. Journal of Physics Condensed Matter, 2004, 16, S4403-S4420.	0.7	42
257	Oxygen dopedS= 1/2 Cu delafossites: a muon spin rotation/relaxation study. Journal of Physics Condensed Matter, 2004, 16, S799-S804.	0.7	10
258	Dilution in volborthiteS= 1/2 frustrated magnet: a ÅSR and NMR study. Journal of Physics Condensed Matter, 2004, 16, S829-S834.	0.7	18
259	The muon spin response to intermittent hyperfine interaction: modelling the high-temperature electrical activity of hydrogen in silicon. Journal of Physics Condensed Matter, 2004, 16, S4739-S4760.	0.7	10
260	Muon Spin Relaxation Measurements ofNa _x CoO ₂ ·yH ₂ O. Physical Review Letters, 2004, 92, 257007.	2.9	43
261	ÅSRStudy of the Quantum Dynamics in the FrustratedS=3/2KagomÃ© Bilayers. Physical Review Letters, 2004, 93, 187201.	2.9	42
262	Effect of Two Gaps on the Flux-Lattice Internal Field Distribution: Evidence of Two Length Scales inMg _{1-α} Al _{α} B ₂ fromÅSR. Physical Review Letters, 2004, 93, 217003.	2.9	50
263	Neutron diffraction, specific heat and ÅSR study of the spin-chain compounds Ca _{2+x} Y ₂ ·xCu ₅ O ₁₀ . Physica B: Condensed Matter, 2004, 350, E257-E259.	1.3	1
264	Novel Superconductivity and Magnetism in CePt ₃ Si. European Physical Journal D, 2004, 54, 401-406.	0.4	8
265	Low energy magnetic excitations in superconducting YbSnPd ₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E141-E142.	1.0	5
266	Incommensurate magnetic structure in copper metaborate. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E199-E200.	1.0	0
267	Magnetic Properties of Copper Metaborate CuB ₂ O ₄ . ChemInform, 2003, 34, no.	0.1	0
268	The electrical activity of hydrogen and muonium in silicon at high temperatures. Physica B: Condensed Matter, 2003, 340-342, 641-645.	1.3	2
269	Universal superconducting and magnetic properties of the (Ca _x La _{1-α})(Ba _{1.75-α} La _{0.25+α})Cu ₃ O _y system: a ÅSR investigation. Solid State Communications, 2003, 126, 39-46.	0.9	21
270	Inhomogeneous spin order in the magnetic phase of electron-doped high-T _c superconductors. Physica B: Condensed Matter, 2003, 326, 338-341.	1.3	2

#	ARTICLE	IF	CITATIONS
271	Vortex motion in type II superconductors probed by muon spin rotation and SANS. Physica B: Condensed Matter, 2003, 326, 342-345.	1.3	2
272	μ SR studies of superconducting MgB _{1.96} Co _{0.04} . Physica B: Condensed Matter, 2003, 326, 346-349.	1.3	4
273	Magnetic fluctuations and superconductivity in YbPd ₂ Sn. Physica B: Condensed Matter, 2003, 326, 369-373.	1.3	13
274	High-pressure μ SR studies on La _{1.65} Eu _{0.20} Sr _{0.15} CuO ₄ . Physica B: Condensed Matter, 2003, 326, 325-328.	1.3	2
275	Inhomogeneous magnetism in URu ₂ Si ₂ studied by muon spin relaxation under high pressure. Physica B: Condensed Matter, 2003, 326, 418-421.	1.3	44
276	Spin dynamics in the quantum spin system KCu ₅ V ₃ O ₁₃ . Physica B: Condensed Matter, 2003, 326, 436-439.	1.3	3
277	The interplay of charge order and magnetism in the one-dimensional quantum spin system Sr ₁₄ Cu ₂₄ O ₄₁ . Physica B: Condensed Matter, 2003, 326, 440-445.	1.3	3
278	μ SR investigation of a cluster of monodisperse Pd nanoparticles. Physica B: Condensed Matter, 2003, 326, 484-488.	1.3	3
279	Muon location and muon dynamics in DyNi ₅ . Physical Review B, 2003, 67, .	1.1	7
280	Onset of antiferromagnetism in UPt ₃ via Th substitution studied by muon spin spectroscopy. Physical Review B, 2003, 68, .	1.1	6
281	Local Spin Disorder in the Magnetic Kondo Compounds CeNi _{1-x} Cu _x . Physica Scripta, 2003, 68, 298-318.	1.2	8
282	Nonmagnetic \leftrightarrow magnetic transition in Yb(Cu _{1-x} Ni _x) ₂ Si ₂ studied by muon-spin relaxation. Journal of Physics Condensed Matter, 2003, 15, 6997-7017.	0.7	3
283	Dynamical Crossover in an Ising Spin Glass above T _g : A Muon-Spin-Relaxation Investigation of Fe _{0.05} TiSi ₂ . Physical Review Letters, 2002, 89, 107201.	2.9	9
284	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
285	Magnetic properties of copper metaborate CuB ₂ O ₄ . Low Temperature Physics, 2002, 28, 606-612.	0.2	14
286	Muon localization along a six-fold ring-shaped site and muon quantum hopping in GdNi ₅ . Journal of Alloys and Compounds, 2002, 330-332, 454-457.	2.8	3
287	μ SR magnetic studies of CeNi _{1-x} Cu _x . Physica B: Condensed Matter, 2002, 312-313, 184-186.	1.3	1
288	A neutron scattering and μ SR investigation of the magnetic phase transitions of CuB ₂ O ₄ . Physica B: Condensed Matter, 2002, 318, 277-281.	1.3	37

#	ARTICLE	IF	CITATIONS
289	μ SR studies on the charge density waves in RE5Ir4Si10. Physica B: Condensed Matter, 2002, 319, 282-285.	1.3	4
290	Microscopic investigation of moving flux line structures in superconductors using neutron diffraction and μ SR. European Physical Journal Special Topics, 2002, 12, 155-155.	0.2	1
291	Muon Spin Rotation (μ SR): Applications in Magnetism. , 2001, , 5888-5892.		1
292	Macroscopic and local magnetic moments in Si-doped CuGeO ₃ as determined by neutron and μ SR studies. European Physical Journal B, 2001, 21, 307-311.	0.6	1
293	Magnetic phase transitions in the double spin-chains compound LiCu2O2. Physica B: Condensed Matter, 2001, 296, 306-311.	1.3	31
294	Muon Spin Dynamics and Sites in GdNi5. Hyperfine Interactions, 2001, 133, 197-201.	0.2	2
295	μ SR studies of the nonmagnetic \rightarrow magnetic transition in YbCu5 $\hat{~}$ xAlx. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 129-131.	1.0	5
296	The neutral fraction of muonium in silicon at high temperatures. Journal of Physics Condensed Matter, 2001, 13, 2155-2162.	0.7	6
297	Spin-glass state in CuGa2O4. Physical Review B, 2001, 63, .	1.1	35
298	Staggered magnetization, critical behavior, and weak ferromagnetic properties of LaMnO3 by muon spin rotation. Physical Review B, 2001, 64, .	1.1	21
299	Magnetism and superconductivity of UPt3 by muon spin techniques. Physica B: Condensed Matter, 2000, 289-290, 10-14.	1.3	4
300	Muon spin rotation and non-Fermi liquid behavior in UCu4Pd. Physica B: Condensed Matter, 2000, 289-290, 15-19.	1.3	9
301	Chemical pressure effects in the Yb(Cu1 $\hat{~}$ xNi)2Si2 system. Physica B: Condensed Matter, 2000, 289-290, 24-27.	1.3	3
302	Study of the magnetic properties of Ce3Pd20Si6 compound. Physica B: Condensed Matter, 2000, 289-290, 43-46.	1.3	6
303	Magnetic order in pure LaMnO3 and in Ca-doped single crystals. Physica B: Condensed Matter, 2000, 289-290, 52-55.	1.3	9
304	Phase diagram of low doping manganites. Physica B: Condensed Matter, 2000, 289-290, 85-88.	1.3	19
305	A novel set-up for fast muon-spin \rightarrow rotation experiments. Physica B: Condensed Matter, 2000, 289-290, 698-701.	1.3	5
306	Determination of the muon site in URh2Ge2. Physica B: Condensed Matter, 2000, 289-290, 228-231.	1.3	1

#	ARTICLE	IF	CITATIONS
307	Magnetic structure of $U(Pd_{1-x}Fe_x)_2Ge_2$ studied by μ SR: comparison with neutron diffraction data. Physica B: Condensed Matter, 2000, 289-290, 282-285.	1.3	5
308	Dynamic magnetic properties of $GdBa_2Cu_3O_{6+x}$ as function of the oxygen content. Physica B: Condensed Matter, 2000, 289-290, 295-298.	1.3	3
309	Magnetic ordering in Li_2CuO_2 studied by μ SR technique. Physica B: Condensed Matter, 2000, 289-290, 299-302.	1.3	13
310	Anomalous temperature dependence of the μ SR Knight shift and the phase diagram of UPd_3 . Physica B: Condensed Matter, 2000, 289-290, 311-315.	1.3	3
311	Time effects induced by the muon point charge in the antiferromagnetically ordered phase of $HoBa_2Cu_3O_7$. Physica B: Condensed Matter, 2000, 289-290, 316-321.	1.3	2
312	Low-energy muon study of CMR and spin-glass films. Physica B: Condensed Matter, 2000, 289-290, 331-333.	1.3	0
313	Muon tunneling along a ring-shaped orbit in UNi_2Al_3 . Physica B: Condensed Matter, 2000, 289-290, 447-450.	1.3	8
314	Positive muon diffusion and localization sites in $GdNi_5$. Physica B: Condensed Matter, 2000, 289-290, 451-454.	1.3	9
315	Muon localization site in $U(Pt,Pd)_3$. Physica B: Condensed Matter, 2000, 289-290, 455-458.	1.3	6
316	Concomitance of magnetic ordering and superconductivity in low oxygen mobility La_2CuO_{4+x} single crystals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2153-2154.	0.6	0
317	Study of the positive muon Knight shift in U : Evidence for a tetravalent U^{4+} state and crystalline electric field splitting. European Physical Journal B, 2000, 13, 245-256.	0.6	17
318	Modulated magnetic structure of $U(Pd_{1-x}Fe_x)_2Ge_2$ studied by μ SR. Journal of Physics Condensed Matter, 2000, 12, 7969-7981.	0.7	5
319	Magnetic Quantum Critical Point and Superconductivity in UPt_3 Doped with Pd. Physical Review Letters, 2000, 85, 3005-3008.	2.9	23
320	Muon spin relaxation and nonmagnetic Kondo state in $PrInAg_2$. Physical Review B, 2000, 61, 555-563.	1.1	19
321	Evidence for a Two Component Magnetic Response in UPt_3 . Physical Review Letters, 2000, 84, 2702-2705.	2.9	16
322	Light hydrogen isotope μ SR in Sc and ScH_x solid solutions. Physical Review B, 2000, 61, 168-183.	1.1	5
323	Magnetism in heavy-fermion $U(Pt,Pd)_3$ studied by μ SR. Journal of Physics Condensed Matter, 1999, 11, 8591-8606.	0.7	15
324	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

#	ARTICLE	IF	CITATIONS
325	^{14}N SR investigation of the quasi-elastic magnetic excitations in strongly correlated compounds. <i>Physica B: Condensed Matter</i> , 1999, 259-261, 126-127.	1.3	7
326	New ^{14}N SR results on the magnetic structure of CeAl_2 . <i>Physica B: Condensed Matter</i> , 1999, 259-261, 14-15.	1.3	8
327	The effect of oxygen reduction on the magnetic properties of $\text{REBa}_2\text{Cu}_3\text{O}_{6+x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 299-303.	0.6	13
328	Muons on request (MORE): combining advantages of continuous and pulsed muon beams. , 1999, 120/121, 575-578.		22
329	Weak ferromagnetism in CuB_2O_4 copper metaborate. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 205, 105-109.	1.0	69
330	^{14}N +Hopping between Magnetically Labeled Sites in PrIn_3 : Kinematic Simulation and Analytic Treatment. <i>Physical Review Letters</i> , 1999, 82, 1028-1031.	2.9	9
331	^{14}N SR study of magnetism in heavy-fermion $\text{U}(\text{Pt},\text{Pd})_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 435-436.	1.0	7
332	Magnetic properties of : an exemplary study by muon spin-rotation spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 8059-8082.	0.7	5
333	High-temperature magnetic order in the singlet-ground-state compound PrCu_2 . <i>Physical Review B</i> , 1998, 58, 5205-5208.	1.1	5
334	Microscopic phase separation in $\text{La}_2\text{CuO}_{4+x}$ induced by the superconducting transition. <i>Physical Review B</i> , 1998, 58, 12350-12354.	1.1	12
335	Competition between magnetism and superconductivity in CeCu_2Si_2 . <i>Physical Review B</i> , 1997, 56, 699-710.	1.1	54
336	Polarization of negative muons implanted in the fullerene C_{60} : Speculations about a null result. , 1997, , 367-379.		1
337	Electronic changes induced by ^{14}N in PrIn_3 : Muon-spin-rotation observation and crystalline-electric-field model calculation. <i>Physical Review B</i> , 1997, 56, 9397-9405.	1.1	34
338	Heavy-fermion systems studied by ^{14}N SR technique. <i>Reviews of Modern Physics</i> , 1997, 69, 1119-1180.	16.4	245
339	A ^{14}N +SR study of the magnetic properties of ferritin. , 1997, 104, 269-274.		10
340	Residual polarization of negative muons implanted in C_{60} and K_3C_{60} . , 1997, 106, 211-216.		0
341	Spin-freezing in superconducting $\text{La}_2\text{CuO}_{4.03}$ single crystal. , 1997, 105, 83-88.		3
342	^{14}N +site in heavy-fermion compounds. , 1997, 104, 115-125.		21

#	ARTICLE	IF	CITATIONS
343	Electric field gradients probed by ^{171}Yb NMR in Sc and Al _x Sc _{1-x} solid solutions. , 1997, 106, 91-95.		2
344	In situ temperature calibration below 1 K using the ^{171}Yb Knight shift in CMN. , 1997, 106, 271-275.		0
345	Title is missing!. , 1997, 105, 145-149.		2
346	Title is missing!. , 1997, 104, 369-374.		1
347	Muon Knight shift and ^{171}Yb site in the monpnictide CeAs. , 1997, 104, 215-219.		2
348	^{171}Yb relaxation correlated with susceptibility in the van Vleck paramagnet PrIn ₃ . , 1997, 104, 67-71.		2
349	Title is missing!. , 1997, 104, 105-111.		2
350	Magnetism and superconductivity in La _{1.875} Ba _{0.125-y} Sr _y CuO _{4+delta} and La _{1.6-y} Nd _{0.4} Sr _y CuO ₄ . , 1997, 105, 101-106.		7
351	^{171}Yb NMR studies of the low temperature magnetism in a valence fluctuation compound Sm ₃ Se ₄ . , 1997, 104, 151-156.		5
352	^{171}Yb NMR studies of low charge carrier density heavy fermion systems. , 1997, 104, 165-170.		3
353	Pressure induced collapse of the 4f electron induced ^{171}Yb Knight shift in Sm _{0.9} La _{0.1} S. , 1997, 104, 209-213.		4
354	^{171}Yb NMR studies of borocarbides. , 1997, 104, 49-54.		11
355	^{171}Yb NMR frequency shifts in the van Vleck paramagnet PrIn ₃ . , 1997, 104, 73-78.		4
356	^{171}Yb NMR study of antiferromagnetic order in UPt ₃ alloyed with Pd. Physica B: Condensed Matter, 1997, 230-232, 53-55.	1.3	17
357	Onset of magnetic order in the concentrated region in CeCu _{5-x} Ga _x . Physica B: Condensed Matter, 1997, 230-232, 243-246.	1.3	2
358	Evidence for possible spin or orbital magnetism in the superconducting state of UBe ₁₂ . Physica B: Condensed Matter, 1997, 230-232, 398-401.	1.3	2
359	^{171}Yb NMR studies of Kondo disorder in UCu _{5-x} Pd _x and CeCu _{5.9} Au _{0.1} . Physica B: Condensed Matter, 1997, 230-232, 606-609.	1.3	6
360	Phase separation in La ₂ CuO _{4+y} single crystals studied by ^{171}Yb NMR and neutron diffraction. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1353-1354.	0.6	5

#	ARTICLE	IF	CITATIONS
361	Spin-glass ordering in non phase separated La ₂ CuO ₄ studied by μ SR. Physica C: Superconductivity and Its Applications, 1996, 272, 250-256.	0.6	12
362	Kondo disorder and non-Fermi-liquid behavior in UCu _{5-x} Pdx and CeCu _{5.9} Au _{0.1} . Physical Review B, 1996, 54, 13000-13008.	1.1	43
363	Muon-spin-rotation studies of HoNi ₂ B ₂ C. Physical Review B, 1996, 53, R510-R513.	1.1	15
364	Crystal electric field next to a hydrogen-like interstitial μ^+ in PrNi ₅ . Zeitschrift für Physik B-Condensed Matter, 1995, 99, 3-13.	1.1	44
365	Correlated electron systems studied by μ SR technique. Physica B: Condensed Matter, 1995, 206-207, 49-54.	1.3	8
366	Search for weak magnetic order in CeCu _{5-x} Al _x . Physica B: Condensed Matter, 1995, 206-207, 261-263.	1.3	4
367	μ SR in antiferromagnetic UNi ₄ B. Physica B: Condensed Matter, 1995, 206-207, 470-472.	1.3	5
368	μ SR studies of magnetic properties of boron carbide superconductors. Physica B: Condensed Matter, 1995, 206-207, 552-554.	1.3	12
369	On the competition between superconductivity and magnetism in CeCu ₂ Si ₂ . Physica B: Condensed Matter, 1995, 206-207, 596-599.	1.3	27
370	Muon spin rotation spectroscopy on a UNiGa single crystal. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1381-1382.	1.0	5
371	Problems of the magnetic structure of CeB ₆ . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1175-1176.	1.0	16
372	Spin-freezing in the layered perovskites La ₂ CoCu _{1-x} O ₄ + δ . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1291-1292.	1.0	3
373	Muon-spin-relaxation studies on the heavy-fermion system with non-Fermi-liquid behavior CeCu _{5.9} Au _{0.1} . Physical Review B, 1995, 52, 54-56.	1.1	31
374	μ SR study of zero-field magnetic ordering in CsC ₆₀ . Journal of Physics Condensed Matter, 1995, 7, L567-L573.	0.7	25
375	Measurement of the perturbation of the crystal electric field at Pr ³⁺ in PrNi ₅ next to a single hydrogen like interstitial. Journal of Alloys and Compounds, 1995, 231, 164-169.	2.8	3
376	Dynamics of μ^+ in Sc and ScH _x . Journal of Alloys and Compounds, 1995, 231, 248-251.	2.8	5
377	Spontaneous Magnetic Ordering in the Fullerene Charge-Transfer Salt (TDAE)C ₆₀ . Science, 1995, 267, 1799-1802.	6.0	113
378	Ultrasmall-moment static magnetism in CeRu ₂ Si ₂ . Physical Review B, 1994, 50, 619-622.	1.1	44

#	ARTICLE	IF	CITATIONS
379	Dynamics in canonical spin glasses observed by muon spin depolarization. <i>Physical Review Letters</i> , 1994, 72, 1291-1294.	2.9	126
380	Coexistence of Local Moment Magnetism and Heavy-Fermion Superconductivity in UPd ₂ Al ₃ . <i>Physical Review Letters</i> , 1994, 73, 1849-1852.	2.9	104
381	Magnetism and superconductivity in La _{1.875} (Ba,Sr) _{0.125} CuO ₄ . <i>Physica B: Condensed Matter</i> , 1994, 194-196, 353-354.	1.3	9
382	Muon spin rotation ($\hat{1}/4$ +SR) studies of magnetic ordering of CeB ₆ . <i>Physica B: Condensed Matter</i> , 1994, 194-196, 357-358.	1.3	19
383	$\hat{1}/4$ + SR study of the magnetic order in CeCu ₅ . <i>Physica B: Condensed Matter</i> , 1994, 199-200, 52-54.	1.3	5
384	Magnetism in heavy-fermion systems probed by $\hat{1}/4$ +SR spectroscopy. <i>Physica B: Condensed Matter</i> , 1994, 199-200, 91-94.	1.3	12
385	$\hat{1}/4$ +SR studies of magnetism and superconductivity of the heavy fermion superconductor UPd ₂ Al ₃ . <i>Physica B: Condensed Matter</i> , 1994, 199-200, 103-106.	1.3	3
386	Magnetic ordering in YbBiPt. <i>Physica B: Condensed Matter</i> , 1994, 199-200, 113-115.	1.3	9
387	Crystal symmetry and electronic properties of heavy-fermion MPd ₂ Al ₃ (M = Ce, U). <i>Physica B: Condensed Matter</i> , 1994, 199-200, 143-144.	1.3	9
388	Neutron scattering and +SR spectroscopy of the magnetic correlations in superconducting La _{1.875} (Ba,Sr) _{0.125} CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1725-1726.	0.6	3
389	Spin dynamics in CuGeO ₃ studied by muon spin rotation. <i>European Physical Journal B</i> , 1994, 96, 223-226.	0.6	11
390	Magnetic ordering in the T* phase La _{1.2} Tb _{0.8} CuO ₄ . <i>Hyperfine Interactions</i> , 1994, 86, 555-560.	0.2	5
391	Zero residual polarization of negative muons implanted in C ₆₀ . <i>Hyperfine Interactions</i> , 1994, 86, 831-835.	0.2	2
392	$\hat{1}/4$ + Localization and tunnelling in Sc. <i>Hyperfine Interactions</i> , 1994, 85, 73-78.	0.2	6
393	$\hat{1}/4$ +SR knight shift in single crystal PrNi ₅ Evidence for muon-induced distortion of crystal-field levels. <i>Hyperfine Interactions</i> , 1994, 85, 329-335.	0.2	7
394	Indication for a delocalized precursor $\hat{1}/4$ + state in CeAl ₃ . <i>Hyperfine Interactions</i> , 1994, 85, 369-376.	0.2	4
395	$\hat{1}/4$ +SR study in CeCu ₆ single crystal. <i>Physica B: Condensed Matter</i> , 1993, 186-188, 273-275.	1.3	20
396	Evidence for static ultrasmall-moment magnetism in CeRu ₂ Si ₂ . <i>Physica B: Condensed Matter</i> , 1993, 186-188, 276-278.	1.3	28

#	ARTICLE	IF	CITATIONS
397	$\hat{1}/4$ +SR studies of the magnetic and superconducting states of URu ₂ Si ₂ . Physica B: Condensed Matter, 1993, 186-188, 300-302.	1.3	28
398	NMR and $\hat{1}/4$ SR studies of valence fluctuation and magnetism in Sm ₃ Se ₄ . Physica B: Condensed Matter, 1993, 186-188, 422-424.	1.3	14
399	Zero-field muon spin relaxation studies of low-temperature magnetism in Yb _x Y _{1-\hat{x}} BiPt ($x = 1.0$ and 0.5). Physica B: Condensed Matter, 1993, 186-188, 615-617.	1.3	16
400	Magnetic-flux distribution and the magnetic penetration depth in superconducting polycrystalline Bi ₂ Sr ₂ Ca _{1-\hat{x}} Y _x Cu ₂ O _{8+$\hat{1}$} and Bi ₂ \hat{a} - \hat{x} Pb _x Sr ₂ CaCu ₂ O _{8+$\hat{1}$} . Physical Review B, 1993, 48, 13022-13036.	1.1	48
401	Study of $\langle i \rangle \hat{1}/4 \langle i \rangle \langle \sup \rangle + \langle \sup \rangle$ Localization and Diffusion in Sc and ScH _{0.05} *. Zeitschrift Fur Physikalische Chemie, 1993, 181, 119-123.	1.4	2
402	Magnetic and Superconducting Properties of the Heavy-Fermion Superconductor UPd ₂ Al ₃ . Europhysics Letters, 1992, 19, 127-133.	0.7	41
403	Low-temperature magnetism in YbBiPt. Physical Review B, 1992, 46, 3151-3154.	1.1	28
404	Magnetic excitations in single crystal PrNi ₅ . Solid State Communications, 1992, 82, 767-771.	0.9	32
405	? + SR studies of UM ₂ Al ₃ , M=Ni, Pd. European Physical Journal B, 1992, 86, 159-160.	0.6	37
406	Charge transfer and carrier density in Bi-2212 high-T _c superconductors. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 495-496.	1.0	0
407	Discovery of novel magnetic features in the heavy-electron compound U ₂ Zn ₁₇ . Journal of Magnetism and Magnetic Materials, 1992, 108, 97-99.	1.0	11
408	Electronic carrier density in doped Bi-based high-T _c superconductors. Physica C: Superconductivity and Its Applications, 1991, 185-189, 749-750.	0.6	0
409	Magnetic ordering, hyperfine and $\hat{\epsilon}$ linear $\hat{\epsilon}$ contributions to the low-temperature specific heat of (Y _{1-\hat{x}} Pr _x)Ba ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1069-1070.	0.6	1
410	The $\hat{1}/4$ SR-study of the London penetration depth in the high-T _c compounds Bi ₂ Sr ₂ Ca _{1-\hat{x}} Y _x Cu ₂ O _{8+$\hat{1}$} . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1093-1094.	0.6	3
411	London penetration depth in Bi-based high-T _c compounds. Superconductor Science and Technology, 1991, 4, S403-S405.	1.8	8
412	Magnetic-ordering, hyperfine, and linear contributions to the low-temperature specific heat of (Y _{1-\hat{x}} Pr _x)Ba ₂ Cu ₃ O _{7+$\hat{1}$} . Physical Review B, 1991, 43, 11488-11491.	1.1	31
413	Specific heat of La ₂ \hat{x} Sr _x CuO ₄ : Volume fraction of superconductivity; Possible structural transition at 45K. Physica B: Condensed Matter, 1990, 165-166, 1337-1338.	1.3	16
414	Specific heat of (Y _{1-\hat{x}} Pr _x)Ba ₂ Cu ₃ O ₇ : Magnetic ordering; Magnetic hyperfine fields. Physica B: Condensed Matter, 1990, 165-166, 1347-1348.	1.3	9

#	ARTICLE	IF	CITATIONS
415	Pressure dependence of the specific heat of heavy-fermion YbCu _{4.5} . Physica B: Condensed Matter, 1990, 165-166, 425-426.	1.3	9
416	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
417	Thermopower and magneto-thermopower of CeRu ₂ Si ₂ single crystals. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 263-264.	1.0	49
418	Residual resistivity in cerium heavy fermion compounds. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 285-286.	1.0	24
419	Inelastic neutron scattering study of cerium heavy fermion compounds. Journal of Magnetism and Magnetic Materials, 1988, 76-77, 376-384.	1.0	271
420	TEMPERATURE AND MAGNETIC FIELD DEPENDENCE OF MAGNETIC CORRELATIONS IN THE HEAVY FERMION COMPOUND CeCu ₆ . Journal De Physique Colloque, 1988, 49, C8-773-C8-774.	0.2	3
421	Specific Heat of Heavy-Fermion CeCu ₆ : Effect of Pressure and Magnetic Field. Japanese Journal of Applied Physics, 1987, 26, 1257.	0.8	10
422	Thermodynamic and transport properties of CeCu ₆ . Journal of Low Temperature Physics, 1987, 68, 371-397.	0.6	132
423	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.	1.0	42
424	Investigation of the magnetic correlations in CeCu ₆ . Journal of Magnetism and Magnetic Materials, 1987, 63-64, 293-296.	1.0	6
425	Transport properties of CeCu ₆ at very low temperature. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 300-302.	1.0	15
426	Pressure Dependence of the Specific Heat of Heavy-Fermion Compounds. , 1987, , 141-150.		8
427	INVESTIGATION OF THE MAGNETIC CORRELATIONS IN CeCu ₆ . , 1987, , 293-296.		0
428	TRANSPORT PROPERTIES OF CeCu ₆ AT VERY LOW TEMPERATURE. , 1987, , 300-302.		0
429	Transport properties of CeCu ₆ single crystals. Solid State Communications, 1985, 55, 1131-1133.	0.9	62
430	Fermi liquid aspects in valence fluctuating systems. Journal of Magnetism and Magnetic Materials, 1985, 52, 85-90.	1.0	53
431	Magneto-thermopower of TmS and TmSe. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 475-477.	1.0	11
432	Thermopower of CeM ₂ Si ₂ (M = Au, Pd, Rh, Ru) compounds. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 526-528.	1.0	49