

# Ryosuke Kadono

## List of Publications by Year in descending order

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167  
papers

3,485  
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136740

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169  
docs citations

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2696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrochlore oxide Hg <sub>2</sub> O <sub>7</sub> on verge of metal-insulator boundary. Journal of Physics Condensed Matter, 2022, 34, 135602.	0.7	2
2	Organic molecular dynamics and charge-carrier lifetime in lead iodide perovskite MAPbI <sub>3</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
3	Origin of magnetovolume effect in a cobaltite. Physical Review B, 2021, 103, .	1.1	3
4	Local electronic structure of dilute hydrogen in La <sub>2</sub> O <sub>3</sub> . Physical Review B, 2021, 103, .		
5	Anomalous diamagnetism of electride electrons in transition metal silicides. Physical Review B, 2021, 103, .	1.1	4
6	Magnetism driven by strong electronic correlations in the heavily carrier-doped iron oxypnictide LaFeAsO <sub>1-x</sub> H <sub>x</sub> . Physical Review B, 2020, 101, .		
7	Electronic charge transfer driven by spin cycloidal structure. Physical Review B, 2020, 101, .	1.1	3
8	Magnetic behavior of Eu <sub>2</sub> revealed by muon spin rotation and relaxation measurements. Physical Review B, 2020, 102, .	1.1	2
9	Study of the Electronic State of Hydrogen by a Combination of the Muon as Pseudo Hydrogen and First-Principles Calculation. Journal of Computer Chemistry Japan, 2020, 19, 106-114.	0.0	0
10	Oxidation Annealing Effects on the Spin-Glass-Like Magnetism and Appearance of Superconductivity in La <sub>1-x</sub> Eu <sub>2x</sub> Sr <sub>1-2x</sub> O <sub>7-x/2</sub> (0.14 ≤ x ≤ 0.28). Journal of the Physical Society of Japan, 2019, 88, 084709.		
11	New precise measurements of muonium hyperfine structure at J-PARC MUSE. EPJ Web of Conferences, 2019, 198, 00003.	0.1	12
12	Electronic structure of interstitial hydrogen in In-Ga-Zn-O semiconductor simulated by muon. Applied Physics Letters, 2019, 115, 122104.	1.5	17
13	Quantum dynamics of hydrogen in the iron-based superconductor LaFeAsO <sub>1-x</sub> D <sub>x</sub> measured with inelastic neutron spectroscopy. Physical Review B, 2019, 99, .		
14	A new approach for measuring the muon anomalous magnetic moment and electric dipole moment. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	112
15	Characterization and optimization of ultra slow muon beam at J-PARC/MUSE: A simulation study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 929, 129-133.	0.7	5
16	Quantum magnetisms in uniform triangular lattices Li <sub>2</sub> AMo <sub>3</sub> O <sub>8</sub> (A = In, Sc). Scientific Reports, 2019, 9, 1826.	1.6	10
17	Coupled spin-charge-phonon fluctuation in the all-in/all-out antiferromagnet Cd <sub>2</sub> O <sub>7</sub> . Physical Review B, 2019, 100, .	1.1	3
18	Metallic spin-liquid-like behavior of Li <sub>2</sub> O <sub>4</sub> . Physical Review B, 2019, 99, .	1.1	9

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19	<p>Phase diagram of <math>Sr_{1-x}La_xCu_2O_{7-y}</math> <math>\hat{1}/4</math>SR Study of Magnetism in the As-Prepared and Non-Superconducting (<math>T^{\star}</math>)-La<sub>0.9</sub>Eu<sub>0.9</sub>Sr<sub>0.2</sub>CuO<sub>4</sub>. , 2018, , .</p>	1.1	12
20	<p><math>\hat{1}/4</math>SR Study of Magnetism in the As-Prepared and Non-Superconducting (<math>T^{\star}</math>)-La<sub>0.9</sub>Eu<sub>0.9</sub>Sr<sub>0.2</sub>CuO<sub>4</sub>. , 2018, , .</p>		3
21	<p>Local spin structure of the honeycomb-lattice magnet observed via muon spin rotation/relaxation. Physical Review B, 2018, 97, .</p>	1.1	10
22	<p>Transportation of Ultra Slow Muon on U-line, MLF, J-PARC. , 2018, , .</p>		1
23	<p>Status of the New Surface Muon Beamline at J-PARC MUSE. , 2018, , .</p>		4
24	<p>Local electronic structure of interstitial hydrogen in iron disulfide. Physical Review B, 2018, 98, .</p>	1.1	9
25	<p>Development of General Purpose <math>\hat{1}/4</math>SR Spectrometer ARTEMIS at S1 Experimental Area, MLF J-PARC. , 2018, , .</p>		2
26	<p>Development of Ferromagnetic Fluctuations in Heavily Overdoped <math>Y_{1-x}Pb_xCuO_4</math> Physical Review Letters, 2018, 121, 057002.</p>	1.1	28
27	<p>Electronic correlation in the quasi-two-dimensional electride <math>Y_{1-x}C_xCu_2O_{7-y}</math> Physical Review B, 2018, 98, .</p>	1.1	21
28	<p>Large Magnetovolume Effect Induced by Embedding Ferromagnetic Clusters into Antiferromagnetic Matrix of Cobaltite Perovskite. Advanced Materials, 2017, 29, 1605991.</p>	11.1	21
29	<p>Materials and Life Science Experimental Facility at the Japan Proton Accelerator Research Complex IV: The Muon Facility. Quantum Beam Science, 2017, 1, 11.</p>	0.6	41
30	<p>Quest for the Origin of Heavy Fermion Behavior ind-Electron Systems. Journal of the Physical Society of Japan, 2016, 85, 091009.</p>	0.7	2
31	<p>Dynamics of polybutadiene reinforced with unsaturated carboxylate studied by muon spin relaxation (<math>\hat{1}/4</math>SR). Polymer, 2016, 105, 510-515.</p>	1.8	4
32	<p>Cage electron-hydroxyl complex state as electron donor in mayenite. Physical Review B, 2016, 93, .</p>	1.1	6
33	<p>Metal-insulator transition and pseudogap in <math>Bi_{1-x}Sb_x</math> Physical Review B, 2016, 94, .</p>	1.1	1
34	<p>Strong Electron Correlation behind the Superconductivity in Ce-Free and Ce-Underdoped High-<math>T_c</math> <math>TaCu_2</math>-Cuprates. Journal of the Physical Society of Japan, 2016, 85, 114716.</p>	0.7	30
35	<p>Evidence for ordered magnetic moments at oxygen sites in antiferromagnetic <math>Sr_{1-x}La_xCu_2O_{7-y}</math> Physical Review B, 2015, 91, .</p>	1.1	17
36	<p>Structural anomalies and short-range magnetic correlations in the orbitally degenerate system <math>Sr_{1-x}La_xCu_2O_{7-y}</math> Physical Review B, 2015, 92, .</p>	1.1	9

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37	Electronic structure of Mu-complex donor state in rutile $\text{TiO}_2$ . Physical Review B, 2015, 92, .	1.1	3
38	Muonium in Stishovite: Implications for the Possible Existence of Neutral Atomic Hydrogen in the Earth's Deep Mantle. Scientific Reports, 2015, 5, 8437.	1.6	3
39	Development of muon rotating target at J-PARC/MUSE. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 811-815.	0.7	6
40	Present Status of Muon Production Target at J-PARC/MUSE. , 2015, , .		3
41	Muon Spin Rotation ( $\hat{1}/4$ SR) Technique. Radioisotopes, 2015, 64, 697-705.	0.1	1
42	Magnetic Frustration in Iridium Spinel Compound $\text{CuIr}_2\text{S}_4$ . Physical Review Letters, 2014, 112, .	2.0	1
43	Bipartite magnetic parent phases in the iron oxypnictide superconductor. Nature Physics, 2014, 10, 300-303.	6.5	115
44	Bulk superconductivity in undoped $\text{La}_{1.9}\text{Y}_{0.1}\text{FeAsO}_{1-x}\text{F}_x$ near the Doping Phase Boundary. Journal of the Physical Society of Japan, 2014, 83, 103707.	1.1	21
45	Cooperative Order in the Weakly Magnetic Domain of $\text{LaFeAsO}_{1-x}\text{F}_x$ near the Doping Phase Boundary. Journal of the Physical Society of Japan, 2014, 83, 103707.	0.7	2
46	New $\hat{1}/4$ SR spectrometer at J-PARC MUSE based on Kalliope detectors. Journal of Physics: Conference Series, 2014, 551, 012063.	0.3	35
47	Spin dynamics of Mn pyrochlore lattice in $\text{YMn}_2\text{Zn}_{20-x}\text{In}_x$ . Journal of Physics: Conference Series, 2014, 551, 012019.	0.3	2
48	Design and construction of the ultra-slow muon beamline at J-PARC/MUSE. Journal of Physics: Conference Series, 2014, 551, 012065.	0.3	10
49	Muon Knight shift in electron heavy fermion compound $\text{Y}_{0.95}\text{Sc}_{0.05}\text{Mn}_2$ . Journal of Physics: Conference Series, 2014, 551, 012002.	0.3	0
50	Current status of the J-PARC muon facility, MUSE. Journal of Physics: Conference Series, 2014, 551, 012061.	0.3	16
51	Optimal crossed overlap of coherent vacuum ultraviolet radiation and thermal muonium emission for $\hat{1}/4$ SR with the Ultra Slow Muon. Journal of Physics: Conference Series, 2014, 551, 012066.	0.3	3
52	Ultra Slow Muon Project at J-PARC MUSE. , 2014, , .		5
53	Ultra slow muon microscopy by laser resonant ionization at J-PARC, MUSE. Hyperfine Interactions, 2013, 216, 79-83.	0.2	22
54	Ultra slow muon microscopy by laser resonant ionization at J-PARC, MUSE. , 2013, , 79-83.		0

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55	$\langle \mathbf{m}_i \rangle = \frac{1}{4} \langle \mathbf{m}_i \rangle$ SR investigation of magnetically ordered states in the A-site ordered perovskite manganites $\text{BaMn}_2\text{O}_7$ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032071.	1.1	4
56	MUSE, the goddess of muons, and her future. <i>Reports on Progress in Physics</i> , 2012, 75, 026302.	8.1	21
57	Quasi-One-Dimensional Spin Dynamics in $\text{LiV}_2\text{O}_4$ : One-to-Three-Dimensional Crossover as a Possible Origin of Heavy Fermion State. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 014709.	0.7	7
58	Magnetic ordering in spin-orbit Mott insulator $\text{Ba}_2\text{IrO}_4$ probed by $\frac{1}{4}$ SR. <i>Journal of Physics: Conference Series</i> , 2012, 400, 032071.	0.3	0
59	Spin-Orbit Mott State in the Novel Quasi-2D Antiferromagnet $\text{Ba}_2\text{IrO}_4$ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032028.	0.3	3
60	$\frac{1}{4}$ SR study of A-site ordered perovskite manganite $\text{LaBaMn}_2\text{O}_6$ . <i>Journal of Physics: Conference Series</i> , 2012, 391, 012096.	0.3	1
61	Magnetic ground state of the frustrated honeycomb lattice antiferromagnet $\text{Bi}_3\text{Mn}_4\text{O}_{12}(\text{NO}_3)$ . <i>Physical Review B</i> , 2012, 85, .	1.1	26
62	New Muon Kicker System for the Decay Muon Beamline at J-PARC. <i>Physics Procedia</i> , 2012, 30, 65-68.	1.2	7
63	$\langle \mathbf{m}_i \rangle = \frac{1}{2} \langle \mathbf{m}_i \rangle$ $\langle \mathbf{m}_i \rangle = \frac{1}{2} \langle \mathbf{m}_i \rangle$ $\langle \mathbf{m}_i \rangle = \frac{1}{2} \langle \mathbf{m}_i \rangle$ IrO <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032071.	1.1	78
64	Superconducting Condensation Energy of the Two-Dimensional Hubbard Model in the Large-Negative- $t$ Region. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 083702.	0.7	25
65	Quasi-One-Dimensional Spin Dynamics in d-Electron Heavy-Fermion Metal $\text{Y}_{1-x}\text{Sc}_x\text{Mn}_2$ . <i>Journal of the Physical Society of Japan</i> , 2011, 80, 063707.	0.7	5

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73	Anisotropic superconducting order parameter in Li-intercalated layered superconductor $\text{Li}_x\text{ZrNCl}$ . Physical Review B, 2010, 81, .	1.1	11
74	Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped $\text{Bi}_{1-x}\text{Fe}_x\text{Sr}_2\text{CuO}_6$ . Physical Review B, 2010, 81, .	1.1	15
75	Checkerboard States in the Two-Dimensional Hubbard Model with the $\text{Bi2212}$ -Type Band. Journal of the Physical Society of Japan, 2009, 78, 043706.	0.7	19
76	Coexistence of Superconductivity and Magnetism in the Tm-Based Reentrant Superconductor $\text{Tm}_{5-x}\text{Rh}_6\text{Sn}_{18}$ . Journal of the Physical Society of Japan, 2009, 78, 073708.	0.7	7
77	Insular Superconductivity in a Co-Doped Iron Pnictide $\text{CaFe}_{1-x}\text{Co}_x\text{AsF}$ . Physical Review Letters, 2009, 103, 027002.	2.9	40
78	Competition/coexistence of magnetism and superconductivity in iron pnictides probed by muon spin rotation. New Journal of Physics, 2009, 11, 035006.	1.2	24
79	J-PARC muon source, MUSE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 22-24.	0.7	60
80	New pipelined data acquisition system for $\hat{1}/4\text{SR}$ experiments at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 53-55.	0.7	3
81	Development of positron detector for $\hat{1}/4\text{SR}$ based on multi-pixel photon counter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 139-142.	0.7	3
82	Present status of construction for the muon target in J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 146-149.	0.7	18
83	Muon spin relaxation in hydrogen tungsten bronze. Physica B: Condensed Matter, 2009, 404, 801-803.	1.3	0
84	Microscopic investigation of antiferromagnetic order in A-site-ordered perovskite manganite $\text{YBaMn}_2\text{O}_6$ . Physica B: Condensed Matter, 2009, 404, 781-784.	1.3	3
85	Novel features in filled skutterudites containing rare-earth elements with a plural number of 4f-electrons. Physica B: Condensed Matter, 2009, 404, 749-753.	1.3	5
86	study of magnetic ground state in $\text{Mo}_3\text{Sb}_7$ . Physica B: Condensed Matter, 2009, 404, 743-745.	1.3	1
87	Coexistence of superconductivity and magnetism in the Tm-based superconductor probed by muon spin relaxation. Physica B: Condensed Matter, 2009, 404, 740-742.	1.3	0
88	Magnetic response of noncentrosymmetric superconductor : Effect of double-gap and spin-orbit interaction. Physica B: Condensed Matter, 2009, 404, 737-739.	1.3	3
89	Effect of Zn substitution for Cu on near the hole concentration of per Cu. Physica B: Condensed Matter, 2009, 404, 713-716.	1.3	3
90	Development of a pipelined data acquisition system for experiments at J-PARC. Physica B: Condensed Matter, 2009, 404, 1002-1006.	1.3	0

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91	High transverse field with -RF pulse spin control technique. Physica B: Condensed Matter, 2009, 404, 996-998.	1.3	1
92	Birth of an intense pulsed muon source, J-PARC MUSE. Physica B: Condensed Matter, 2009, 404, 957-961.	1.3	17
93	System-parameter dependence of the metallic phase of the non-doped 2D Hubbard model. Physica C: Superconductivity and Its Applications, 2009, 469, 1037-1040.	0.6	0
94	Full Gap Superconductivity in Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2009, 78, 023710.	0.7	35
95	t <sub>2</sub> - and t <sub>3</sub> -dependence of the bulk-limit superconducting condensation energy of the 2D Hubbard model. Physica C: Superconductivity and Its Applications, 2008, 468, 1125-1128.	0.6	5
96	Magnetic Ground-State of Perovskite PbVO <sub>3</sub> with Large Tetragonal Distortion. Inorganic Chemistry, 2008, 47, 7355-7359.	1.9	110
97	Coexistence of Superconductivity and Magnetism in LaFeAs(O <sub>0.94</sub> F <sub>0.06</sub> ) Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2008, 77, 103703.	0.7	31
98	Fermi-liquid behavior and weakly anisotropic superconductivity in the electron-doped cuprate $Sr_{1-x}La_xCuO_2$ . Physical Review B, 2008, 77, .	1.1	8
99	Hydrogen Bonding in Sodium Alanate: A Muon Spin Rotation Study. Physical Review Letters, 2008, 100, 026401.	2.9	41
100	Spin dynamics and spin freezing behavior in the two-dimensional antiferromagnet $Ni_2Ga_2S_4$ . Physical Review B, 2007, 76, .	1.1	68
101	Spin dynamics and spin freezing behavior in the two-dimensional antiferromagnet $Ni_2Ga_2S_4$ . Physical Review B, 2007, 76, .	2.9	76
102	Spin-triplet superconductivity in PrOs <sub>4</sub> Sb <sub>12</sub> probed by muon Knight shift. Physical Review B, 2007, 75, .	1.1	32
103	Microscopic properties of vortex states in $YBaCuO_{6-x}$ probed by muon spin rotation. Physical Review B, 2007, 76, .	1.1	11
104	Muon spin relaxation and hyperfine-enhanced Pr <sup>141</sup> nuclear spin dynamics in Pr(Os,Ru) <sub>4</sub> Sb <sub>12</sub> and (Pr,La) <sub>4</sub> Os <sub>4</sub> Sb <sub>12</sub> . Physical Review B, 2007, 76, .	1.1	22
105	Anomalous Magnetic Phase in an Undistorted Pyrochlore Oxide Cd <sub>2</sub> Os <sub>2</sub> O <sub>7</sub> Induced by Geometrical Frustration. Journal of the Physical Society of Japan, 2007, 76, 063703.	0.7	19
106	Magnetic correlations and superconductivity in revealed by SR. Journal of Magnetism and Magnetic Materials, 2007, 310, 526-528.	1.0	5
107	Knight shift measurements in the superconducting state of probed by. Journal of Magnetism and Magnetic Materials, 2007, 310, 620-622.	1.0	4
108	Time reversal symmetry breaking in and. Journal of Magnetism and Magnetic Materials, 2007, 310, 551-553.	1.0	7

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109	Future perspectives of studies in condensed matter physics. Journal of Physics and Chemistry of Solids, 2007, 68, 2052-2055.	1.9	1
110	Ferromagnetic correlation in the deuterated cobalt-oxyhydrate superconductor probed by. Journal of Magnetism and Magnetic Materials, 2007, 310, e138-e140.	1.0	1
111	Possible Magnetic Chirality in Optically Chiral Magnet $[\text{Cr}(\text{CN})_6][\text{Mn}(\text{S})\text{-pnH}(\text{H}_2\text{O})](\text{H}_2\text{O})$ Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 063705.	0.7	13
112	Magnetic response in the superconducting state of $1\text{H}$ -studied by SR. Physica B: Condensed Matter, 2006, 374-375, 251-254.	1.3	1
113	Possible unconventional superconductivity and weak magnetism in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ probed by $\mu\text{SR}$ . Physica B: Condensed Matter, 2006, 374-375, 274-277.	1.3	5
114	Status of J-PARC muon science facility at the year of 2005. Physica B: Condensed Matter, 2006, 374-375, 484-487.	1.3	8
115	Magnetic and superconducting phase diagram in oxybromite cuprate. Physica B: Condensed Matter, 2006, 374-375, 75-78.	1.3	1
116	Isolated hydrogen center in wide gap semiconductors studied by $\mu\text{SR}$ . Physica B: Condensed Matter, 2006, 376-377, 444-446.	1.3	2
117	Possible weak magnetism in $\text{MB}_6(\text{M}:\text{Ca}, \text{Ba})$ probed by muon spin relaxation and muon level-crossing resonance. Science and Technology of Advanced Materials, 2006, 7, 12-16.	2.8	7
118	Magnetism and superconductivity of an electron-doped superconductor. Physica B: Condensed Matter, 2006, 374-375, 207-210.	1.3	7
119	Possible Unconventional Superconductivity and Magnetism in $\text{CePt}_3\text{Si}$ Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 124713.	0.7	13
120	Magnetic field-induced quasiparticle excitation in $\text{Nb}_3\text{Sn}$ : Evidence for anisotropic-wave pairing. Physical Review B, 2006, 74, .	1.1	10
121	$\mu\text{SR}$ study on filled skutterudite $\text{PrRu}_4\text{P}_{12}$ . Physica B: Condensed Matter, 2005, 359-361, 850-852.	1.3	6
122	SR studies on in comparison with the time-reversal-symmetry-broken superconductor. Physica B: Condensed Matter, 2005, 359-361, 895-897.	1.3	15
123	J-PARC Muon Science Facility with use of 3 GeV Proton Beam. Nuclear Physics, Section B, Proceedings Supplements, 2005, 149, 393-395.	0.5	9
124	Magnetic Phase Diagram of Hole-Doped $\text{Ca}_{2-x}\text{Na}_x\text{CuO}_2\text{Cl}_2$ Cuprate Superconductor. Journal of the Physical Society of Japan, 2005, 74, 2408-2412.	0.7	14
125	Staggered magnetism in $\text{LiV}_2\text{O}_4$ at low temperatures probed by means of the muon Knight shift. Journal of Physics Condensed Matter, 2005, 17, L257-L264.	0.7	9
126	Possible Anisotropic Order Parameter in Pyrochlore Superconductor $\text{KO}_2\text{O}_6$ Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2005, 74, 1678-1681.	0.7	39



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127	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-Tc Superconductors. <i>Physical Review Letters</i> , 2005, 95, 157001.	2.9	51
128	Field-induced quasiparticle excitations in novel type II superconductors. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S4421-S4438.	0.7	36
129	Muonium as a Shallow Center in GaN. <i>Physical Review Letters</i> , 2004, 92, 135505.	2.9	44
130	Possible unconventional superconductivity in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ probed by muon spin rotation and relaxation. <i>Physical Review B</i> , 2004, 70, .	1.1	57
131	Spin fluctuation in $\text{LiV}_2\text{O}_4$ studied by muon spin relaxation. <i>Physical Review B</i> , 2004, 69, .	1.1	18
132	Unconventional Behavior of Field-induced Quasiparticle Excitation in $\text{Ca}(\text{Al}_{0.5}\text{Si}_{0.5})_2$ . <i>Journal of the Physical Society of Japan</i> , 2004, 73, 2631-2634.	0.7	13
133	Spectroscopy of an isolated hydrogen-like atom in semiconductors under pulsed photo-excitation. <i>Physica B: Condensed Matter</i> , 2003, 326, 151-156.	1.3	8
134	The muon science facility at the JAERI/KEK joint project. <i>Physica B: Condensed Matter</i> , 2003, 326, 255-259.	1.3	12
135	Anomalous quasiparticle excitations in $\text{Y}(\text{Ni}_{1-x}\text{Pt}_x)_2\text{B}_2\text{C}$ . <i>Physica B: Condensed Matter</i> , 2003, 326, 364-368.	1.3	9
136	Time-Reversal Symmetry-Breaking Superconductivity in Heavy-Fermion $\text{PrOs}_4\text{Sb}_{12}$ Detected by Muon-Spin Relaxation. <i>Physical Review Letters</i> , 2003, 91, 067003.	2.9	286
137	Charge dynamics of muonium centers in Si revealed by photoinduced muon spin relaxation. <i>Physical Review B</i> , 2003, 68, .	1.1	18
138	Magnetic Ground State of $\text{Pr}_{0.89}\text{La}_{0.11}\text{CuO}_4$ with Varied Oxygen Depletion Probed by Muon Spin Relaxation. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 2955-2958.	0.7	16
139	Quasiparticle Excitations outside the Vortex Cores in $\text{MgB}_2$ Probed by Muon Spin Rotation. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 29-32.	0.7	32
140	Electronic Structure of the Muonium Center as a Shallow Donor in ZnO. <i>Physical Review Letters</i> , 2002, 89, 255505.	2.9	102
141	Nonlocal effects and shrinkage of the vortex core radius in $\text{YNi}_2\text{B}_2\text{C}$ probed by muon spin rotation. <i>Physical Review B</i> , 2002, 65, .	1.1	27
142	Quasiparticle Excitation in the Superconducting Pyrochlore $\text{Cd}_2\text{Re}_2\text{O}_7$ Probed by Muon Spin Rotation. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 709-712.	0.7	22
143	Quantum diffusion of positive muons and muonium atoms. <i>Current Opinion in Solid State and Materials Science</i> , 2002, 6, 141-146.	5.6	2
144	Shallow-Donor Hydrogen-Like Impurities in ZnO Studied by MuSR. <i>Hyperfine Interactions</i> , 2001, 136/137, 659-662.	0.2	3

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145	The Muon Science Facility at the JKI Project. <i>Hyperfine Interactions</i> , 2001, 138, 475-482.	0.2	0
146	Recent Progress in the Study on Muonium Centers in Semiconductors. <i>Hyperfine Interactions</i> , 2001, 138, 515-520.	0.2	0
147	Possible nodal vortex state in CeRu <sub>2</sub> . <i>Physical Review B</i> , 2001, 63, .	1.1	33
148	Anomalous local magnetic shielding effect at muon site in Sr <sub>2.5</sub> Ca <sub>11.5</sub> Cu <sub>24</sub> O <sub>41</sub> and Ce <sub>0.99</sub> Cu <sub>2.02</sub> Si <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2000, 289-290, 322-325.	1.3	3
149	Muonium atom in the Bloch state. <i>Physica B: Condensed Matter</i> , 2000, 289-290, 459-463.	1.3	2
150	Transition of local muonium dynamics in NaCl. <i>Physica B: Condensed Matter</i> , 2000, 289-290, 464-467.	1.3	1
151	An Atom in the Bloch State. <i>Physical Review Letters</i> , 1999, 83, 987-990.	2.9	14
152	Quantum Diffusion of the Positive Muon in Superconducting Tantalum. <i>Physical Review Letters</i> , 1997, 79, 107-110.	2.9	10
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