Ryosuke Kadono

List of Publications by Year
in descending order

167	3,485	136740	168136
papers	citations	32 h-index	53 g-index

169	169	169	2696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time-Reversal Symmetry-Breaking Superconductivity in Heavy-FermionPrOs4Sb12Detected by Muon-Spin Relaxation. Physical Review Letters, 2003, 91, 067003.	2.9	286
2	Magnetic order and electronic phase diagrams of electron-doped copper oxide materials. Physical Review B, 1990, 42, 7981-7988.	1.1	181
3	Bipartite magnetic parent phases in the iron oxypnictide superconductor. Nature Physics, 2014, 10, 300-303.	6.5	115
4	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
5	Magnetic Ground-State of Perovskite PbVO₃ with Large Tetragonal Distortion. Inorganic Chemistry, 2008, 47, 7355-7359.	1.9	110
6	Electronic Structure of the Muonium Center as a Shallow Donor in ZnO. Physical Review Letters, 2002, 89, 255505.	2.9	102
7	Quantum Diffusion of Muonium in KCl. Physical Review Letters, 1989, 62, 792-795.	2.9	98
8	Magnetic penetration depth ofY1â^'xPrxBa2Cu3O6.97measured by muon-spin relaxation. Physical Review B, 1990, 42, 6801-6804.	1.1	93
9	Quantum diffusion of positive muons in copper. Physical Review B, 1989, 39, 23-41.	1.1	86
10	Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>IrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: A spin-orbit assisted Mott insulator on a body-centered square lattice	1.1	78
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ni</mml:mi><mml:msub><mml:mi mathvariant="normal">Ga</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>revealed by Ga-NMR, NQR and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><m	2.9	76
12	Muon diffusion and spin dynamics in copper. Physical Review B, 1991, 43, 3284-3297.	1.1	68
13	J-PARC muon source, MUSE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 22-24.	1.1	62
14	Possible unconventional superconductivity inNaxCoO2Â·yH2Oprobed by muon spin rotation and relaxation. Physical Review B, 2004, 70, .	0.7	60
15	Delocalization of muonium in NaCl. Physical Review Letters, 1990, 64, 665-668.	1.1	57
16	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-TcSuperconductors. Physical Review Letters, 2005, 95, 157001.	2.9	51
17	Quantum diffusion of muonium in insulators. Hyperfine Interactions, 1991, 64, 615-633.	2.9	51
18		0.2	45

#	Article	IF	Citations
19	Muonium as a Shallow Center in GaN. Physical Review Letters, 2004, 92, 135505.	2.9	44
20	New RIKEN-RAL pulsed ÂμCF facility and X-ray studies on DT-ÂμCF. Hyperfine Interactions, 1996, 101-102, 521-538.	0.2	41
21	Hydrogen Bonding in Sodium Alanate: A Muon Spin Rotation Study. Physical Review Letters, 2008, 100, 026401.	2.9	41
22	Materials and Life Science Experimental Facility at the Japan Proton Accelerator Research Complex IV: The Muon Facility. Quantum Beam Science, 2017, 1, 11.	0.6	41
23	Insular Superconductivity in a Co-Doped Iron PnictideCaFe1â^'xCoxAsF. Physical Review Letters, 2009, 103, 027002.	2.9	40
24	Long-range magnetic ordering in the spin ladder compound LaCuO2.5probed by muon-spin relaxation. Physical Review B, 1996, 54, R9628-R9630.	1.1	39
25	Possible Anisotropic Order Parameter in Pyrochlore Superconductor KOs2O6 Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2005, 74, 1678-1681.	0.7	39
26	Field-induced quasiparticle excitations in novel type II superconductors. Journal of Physics Condensed Matter, 2004, 16, S4421-S4438.	0.7	36
27	Full Gap Superconductivity in Ba0.6K0.4Fe2As2 Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2009, 78, 023710.	0.7	35
28			

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37	Development of Ferromagnetic Fluctuations in Heavily Overdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>Bi</mml:mi><mml:mo>,</mml:mo><mml:mi>Pb</mml:mi><mml:msub><mml:mrow></mml:mrow><mml:mo></mml:mo> Physical Review Letters, 2018, 121, 057002.	2.9	28
38	Nonlocal effects and shrinkage of the vortex core radius inYNi2B2Cprobed by muon spin rotation. Physical Review B, 2002, 65, .	1.1	27
39	Quantum diffusion of the positive muon in the superconducting state of Al. Hyperfine Interactions, 1991, 64, 737-741.	0.2	26
40	Local tunneling and metastability of muonium in CuCl. Physical Review Letters, 1992, 68, 3196-3199.	2.9	26
41	Magnetic ground state of the frustrated honeycomb lattice antiferromagnet Bi3Mn4O12(NO3). Physical Review B, 2012, 85, .	1.1	26
42	Superconducting Condensation Energy of the Two-Dimensional Hubbard Model in the Large-Negative-t′ Region. Journal of the Physical Society of Japan, 2011, 80, 083702.	0.7	25
43	Competition/coexisitence of magnetism and superconductivity in iron pnictides probed by muon spin rotation. New Journal of Physics, 2009, 11, 035006.	1.2	24
44	Electronic structure of Mu-complex donor state in rutile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review B, 2015, 92, .	1.1	23
45	Quasiparticle Excitation in the Superconducting Pyrochlore Cd2Re2O7Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2002, 71, 709-712.	0.7	22
46	Muon spin relaxation and hyperfine-enhancedPr141nuclear spin dynamics inPr(Os,Ru)4Sb12and(Pr,La)Os4Sb12. Physical Review B, 2007, 76, .	1.1	22
47	Ultra slow muon microscopy by laser resonant ionization at J-PARC, MUSE. Hyperfine Interactions, 2013, 216, 79-83.	0.2	22
48	MUSE, the goddess of muons, and her future. Reports on Progress in Physics, 2012, 75, 026302.	8.1	21
49	Magnetic Frustration in Iridium Spinel Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CuIr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> mathvariant="normal">S</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml	2.9	21
50	Bulk superconductivity in undoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mo>â€²</mml xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mrow><mml:mn>1.9</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub></mm.	1.1	21
51	Large Magnetovolume Effect Induced by Embedding Ferromagnetic Clusters into Antiferromagnetic Matrix of Cobaltite Perovskite. Advanced Materials, 2017, 29, 1605991.	11.1	21
52	Electronic correlation in the quasi-two-dimensional electride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	1.1	21
53	Anomalous Magnetic Phase in an Undistorted Pyrochlore Oxide Cd2Os2O7 Induced by Geometrical Frustration. Journal of the Physical Society of Japan, 2007, 76, 063703.	0.7	19
54	Checkerboard States in the Two-Dimensional Hubbard Model with the Bi2212-Type Band. Journal of the Physical Society of Japan, 2009, 78, 043706.	0.7	19

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55	Charge dynamics of muonium centers in Si revealed by photoinduced muon spin relaxation. Physical Review B, 2003, 68, .	1.1	18
56	Spin fluctuation inLiV2O4studied by muon spin relaxation. Physical Review B, 2004, 69, .	1.1	18
57	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
58	Birth of an intense pulsed muon source, J-PARC MUSE. Physica B: Condensed Matter, 2009, 404, 957-961.	1.3	17
59	Evidence for ordered magnetic moments at oxygen sites in antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Sr</mml:mtext><mml:mn>2</mml:mn><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, .	1.1	17
60	Electronic structure of interstitial hydrogen in In-Ga-Zn-O semiconductor simulated by muon. Applied Physics Letters, 2019, 115, 122104.	1.5	17
61	Magnetic Ground State of Pr0.89LaCe0.11CuO4+Î±-Î´with Varied Oxygen Depletion Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2003, 72, 2955-2958.	0.7	16
62	Current status of the J-PARC muon facility, MUSE. Journal of Physics: Conference Series, 2014, 551, 012061.	0.3	16
63	Diffusion and localization of muonium in Na-doped KCl. Physical Review B, 1996, 53, 3177-3182.	1.1	15
64	SR studies on in comparison with the time-reversal-symmetry-broken superconductor. Physica B: Condensed Matter, 2005, 359-361, 895-897.	1.3	15
65	Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.75</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 81, .	1.1	15
66	An Atom in the Bloch State. Physical Review Letters, 1999, 83, 987-990.	2.9	14
67	Magnetic Phase Diagram of Hole-Doped Ca2-xNaxCuO2Cl2Cuprate Superconductor. Journal of the Physical Society of Japan, 2005, 74, 2408-2412.	0.7	14
68	Organic molecular dynamics and charge-carrier lifetime in lead iodide perovskite MAPbI ₃. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
69	Unconventional Behavior of Field-induced Quasiparticle Excitation in Ca(Al0.5Si0.5)2. Journal of the Physical Society of Japan, 2004, 73, 2631-2634.	0.7	13
70	Possible Magnetic Chirality in Optically Chiral Magnet [Cr(CN)6][Mn(S)-pnH(H2O)](H2O) Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 063705.	0.7	13
71	Possible Unconventional Superconductivity and Magnetism in CePt3Si Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 124713.	0.7	13
72	The muon science facility at the JAERI/KEK joint project. Physica B: Condensed Matter, 2003, 326, 255-259.	1.3	12

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73	Magnetic ground state of pyrochlore oxides close to metal-insulator boundary probed by muon spin rotation. Physical Review B, 2010, 82, .	1.1	12
74	Magnetic phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Ir</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	12
75	New precise measurements of muonium hyperfine structure at J-PARC MUSE. EPJ Web of Conferences, 2019, 198, 00003.	0.1	12
76	Microscopic properties of vortex states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>probed by muon spin rotation. Physical Review B, 2007, 76, .	1.1	11
77	Anisotropic superconducting order parameter in Li-intercalated layered superconductorLixZrNCl. Physical Review B, 2010, 81, .	1.1	11
78	Quantum Diffusion of the Positive Muon in Superconducting Tantalum. Physical Review Letters, 1997, 79, 107-110.	2.9	10
79	Magnetic field-induced quasiparticle excitation inNb3Sn: Evidence for anisotropics-wave pairing. Physical Review B, 2006, 74, .	1.1	10
80	J-PARC decay muon channel construction status. Journal of Physics: Conference Series, 2010, 225, 012050.	0.3	10
81	Design and construction of the ultra-slow muon beamline at J-PARC/MUSE. Journal of Physics: Conference Series, 2014, 551, 012065.	0.3	10
82	Local spin structure of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>honeycomb-lattice magnet observed via muon spin rotation/relaxation. Physical Review B, 2018, 97, .	1.1	10
83	Quantum magnetisms in uniform triangular lattices Li2AMo3O8 (Aâ€‰=â€‰In, Sc). Scientific Reports, 2019, 9, 1826.	1.6	10
84	Anomalous quasiparticle excitations in Y(Ni1â^’xPtx)2B2C. Physica B: Condensed Matter, 2003, 326, 364-368.	1.3	9
85	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
86	Staggered magnetism in LiV2O4at low temperatures probed by means of the muon Knight shift. Journal of Physics Condensed Matter, 2005, 17, L257-L264.	0.7	9
87	Structural anomalies and short-range magnetic correlations in the orbitally degenerate system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	9
88	Local electronic structure of interstitial hydrogen in iron disulfide. Physical Review B, 2018, 98, .	1.1	9
89	Metallic spin-liquid-like behavior of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LiV</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	1.1	9
90	Quantum diffusion of muon and muonium in solids. Applied Magnetic Resonance, 1997, 13, 37-54.	0.6	8

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91	Spectroscopy of an isolated hydrogen-like atom in semiconductors under pulsed photo-excitation. Physica B: Condensed Matter, 2003, 326, 151-156.	1.3	8
92	Status of J-PARC muon science facility at the year of 2005. Physica B: Condensed Matter, 2006, 374-375, 484-487.	1.3	8
93	Fermi-liquid behavior and weakly anisotropic superconductivity in the electron-doped cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>CuO2. Physical Review B, 2008, 77, .	1.1	8
94	Possible weak magnetism in MB6(M:Ca, Ba) probed by muon spin relaxation and muon level-crossing resonance. Science and Technology of Advanced Materials, 2006, 7, 12-16.	2.8	7
95	Magnetism and superconductivity of an electron-doped superconductor. Physica B: Condensed Matter, 2006, 374-375, 207-210.	1.3	7
96	Time reversal symmetry breaking in and. Journal of Magnetism and Magnetic Materials, 2007, 310, 551-553.	1.0	7
97	Coexistence of Superconductivity and Magnetism in the Tm-Based Reentrant Superconductor Tm₅Rh₆Sn₁₈. Journal of the Physical Society of Japan, 2009, 78, 073708.	0.7	7
98	Quasi-One-Dimensional Spin Dynamics in LiV2O4: One-to-Three-Dimensional Crossover as a Possible Origin of Heavy Fermion State. Journal of the Physical Society of Japan, 2012, 81, 014709.	0.7	7
99	New Muon Kicker System for the Decay Muon Beamline at J-PARC. Physics Procedia, 2012, 30, 65-68.	1.2	7
100	Î¼SR study on filled skutterudite PrRu4P12. Physica B: Condensed Matter, 2005, 359-361, 850-852.	1.3	6
101	J-PARC muon facility, MUSE. Journal of Physics: Conference Series, 2010, 225, 012036.	0.3	6
102	Development of muon rotating target at J-PARC/MUSE. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 811-815.	0.7	6
103	Cage electron-hydroxyl complex state as electron donor in mayenite. Physical Review B, 2016, 93, .	1.1	6
104	Possible unconventional superconductivity and weak magnetism in NaxCoO2Â·yH2O probed by Î¼SR. Physica B: Condensed Matter, 2006, 374-375, 274-277.	1.3	5
105	Magnetic correlations and superconductivity in revealed by SR. Journal of Magnetism and Magnetic Materials, 2007, 310, 526-528.	1.0	5
106	tâ€²- and tâ€³-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
107	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
108	Muon Knight shift study of pseudogap state in underdoped (Bi,Pb)2201. Physica C: Superconductivity and Its Applications, 2010, 470, S55-S56.	0.6	5

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109	Quasi-One-Dimensional Spin Dynamics in d-Electron Heavy-Fermion Metal Y_{1-x}Sc_xMn₂. Journal of the Physical Society of Japan, 2011, 80, 063707.	0.7	5
110	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
111	Magnetism driven by strong electronic correlations in the heavily carrier-doped iron oxyphictide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaFeAsO</mml:mi><mml:mrow><mml:mn>0.49</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mrow><mml:mn>0.51</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review B, 2020, 101, .	1.1	5
112	Ultra Slow Muon Project at J-PARC MUSE. , 2014, , .		5
113	Knight shift measurements in the superconducting state of probed by. Journal of Magnetism and Magnetic Materials, 2007, 310, 620-622.	1.0	4
114	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi></mml:math>SR investigation of magnetically ordered states in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>-site ordered perovskite manganites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>BaMn<mml:math xmlns:mml="http://www.w3.org/199	1.1	4
115	Dynamics of polybutadiene reinforced with unsaturated carboxylate studied by muon spin relaxation (Î¼SR). Polymer, 2016, 105, 510-515.	1.8	4
116	Status of the New Surface Muon Beamline at J-PARC MUSE. , 2018, , .		4
117	Oxidation Annealing Effects on the Spin-Glass-Like Magnetism and Appearance of Superconductivity in T[*]-type La_{1âˆ’}_x_{/2}Eu_{1âˆ’}_x_{/2}Sr_x<sub>(0.14 â‰¤ x â‰¤ 0.28). Journal of the Physical Society of Japan, 2019, 88, 084709.	0.7	4
118	Anomalous diamagnetism of electride electrons in transition metal silicides. Physical Review B, 2021, 103, .	1.1	4
119	Anomalous local magnetic shielding effect at muon site in Sr2.5Ca11.5Cu24O41 and Ce0.99Cu2.02Si2. Physica B: Condensed Matter, 2000, 289-290, 322-325.	1.3	3
120	Shallow-Donor Hydrogen-Like Impurities in ZnO Studied by MuSR. Hyperfine Interactions, 2001, 136/137, 659-662.	0.2	3
121	New pipelined data acquisition system for Î¼SR 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
122	Development of positron detector for Î¼SR 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
123	Microscopic investigation of antiferromagnetic order in A-site-ordered perovskite manganite YBaMn2O6. Physica B: Condensed Matter, 2009, 404, 781-784.	1.3	3
124	Magnetic response of noncentrosymmetric superconductor : Effect of double-gap and spinâ€“orbit interaction. Physica B: Condensed Matter, 2009, 404, 737-739.	1.3	3
125	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
126	Spin-Orbit Mott State in the Novel Quasi-2D Antiferromagnet Ba₂IrO₄. Journal of Physics: Conference Series, 2012, 400, 032028.	0.3	3

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127	Optimal crossed overlap of coherent vacuum ultraviolet radiation and thermal muonium emission forÎ¼SR with the Ultra Slow Muon. Journal of Physics: Conference Series, 2014, 551, 012066.	0.3	3
128	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
129	Î¼SR Study of Magnetism in the As-Prepared and Non-Superconducting (T^{ star })-La_{0.9}Eu_{0.9}Sr_{0.2}CuO₄. , 2018, , .		3
130	Quantum dynamics of hydrogen in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaFeAsO</mml:mi><mml:mrow><mml:mn>0 mathvariant="normal">D</mml:mi><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> measured with inelastic neutron spectroscopy. Physical Review B, 2019, 99, .	1.1	3
131	Coupled spin-charge-phonon fluctuation in the all-in/all-out antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 100, .	1.1	3
132	Electronic charge transfer driven by spin cycloidal structure. Physical Review B, 2020, 101, .	1.1	3
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