Yasuyuki Matsuda

List of Publications by Year
in descending order

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248	4,718	109321	128289
papers	citations	35 h-index	60 g-index

250	250	250	3148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A 16-parts-per-trillion measurement of the antiproton-to-proton chargeâ€“mass ratio. Nature, 2022, 601, 53-57.	27.8	25
2	Sympathetic cooling schemes for separately trapped ions coupled via image currents. New Journal of Physics, 2022, 24, 033021.	2.9	6
3	Constraints on the Coupling between Axionlike Dark Matter and Photons Using an Antiproton Superconducting Tuned Detection Circuit in a Cryogenic Penning Trap. Physical Review Letters, 2021, 126, 041301.	7.8	32
4	Measurement of the principal quantum number distribution in a beam of antihydrogen atoms. European Physical Journal D, 2021, 75, 1.	1.3	10
5	Sympathetic cooling of a trapped proton mediated by an LC circuit. Nature, 2021, 596, 514-518.	27.8	17
6	Quantum sensing of the electron electric dipole moment using ultracold entangled Fr atoms. Quantum Science and Technology, 2021, 6, 044008.	5.8	5
7	Recent Results and Future Prospects of Kaonic Nuclei at J-PARC. Few-Body Systems, 2021, 62, 1.	1.5	3
8	Observation of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mover><mml:mi>K</mml:mi><mml:mo>Â¯</mml:mo></mml: bound state in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none		

#	Article	IF	Citations
19	350-fold improved measurement of the antiproton magnetic moment using a multi-trap method. Hyperfine Interactions, 2018, 239, 1.	0.5	4
20	Measurement of the proton Zemach radius from the hyperfine splitting in muonic hydrogen atom. Journal of Physics: Conference Series, 2018, 1138, 012009.	0.4	8
21	Monte-Carlo based performance assessment of ASACUSAâ€™s antihydrogen detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 910, 90-95.	1.6	3
22	Recent Developments from ASACUSA on Antihydrogen Detection. EPJ Web of Conferences, 2018, 181, 01003.	0.3	10
23	Progress towards an improved comparison of the proton-to-antiproton charge-to-mass ratios. Hyperfine Interactions, 2018, 239, 1.	0.5	2
24	The ASACUSA antihydrogen and hydrogen program: results and prospects. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170273.	3.4	33
25	Sympathetic cooling of protons and antiprotons with a common endcap Penning trap. Journal of Modern Optics, 2018, 65, 568-576.	1.3	27
26	Sixfold improved single particle measurement of the magnetic moment of the antiproton. Nature Communications, 2017, 8, 14084.	12.8	40
27	Collectin Kidney 1 Plays an Important Role in Innate Immunity against <i>Streptococcus pneumoniae</i> Infection. Journal of Innate Immunity, 2017, 9, 217-228.	3.8	20
28	Observation of individual spin quantum transitions of a single antiproton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 1-6.	4.1	17
29	A parts-per-billion measurement of the antiproton magnetic moment. Nature, 2017, 550, 371-374.	27.8	96
30	Double-trap measurement of the proton magnetic moment at 0.3 parts per billion precision. Science, 2017, 358, 1081-1084.	12.6	81
31	New precise measurement of muonium hyperfine structure interval at J-PARC. Hyperfine Interactions, 2017, 238, 1.	0.5	3
32	Improved limit on the directly measured antiproton lifetime. New Journal of Physics, 2017, 19, 083023.	2.9	30
33	Lamb shift measurement of antihydrogen for determining the charge radius of antiproton and a stringent test of CPT symmetry. Journal of Physics: Conference Series, 2017, 875, 022054.	0.4	1
34	Antihydrogen Synthesis in a Double-Cusp Trap. , 2017, , .		2
35	Plasminogen Tochigi mice exhibit phenotypes similar to wild-type mice under experimental thrombotic conditions. PLoS ONE, 2017, 12, e0180981.	2.5	6
36	Manipulation and Transport of Antiprotons for an Efficient Production of Antihydrogen Atoms. , 2017, , .		1

#	Article	IF	Citations
37	Present Status of Muonium HFS Measurement at J-PARC. , 2017, , .		1
38	Highly sensitive superconducting circuits at â^¼700 kHz with tunable quality factors for image-current detection of single trapped antiprotons. Review of Scientific Instruments, 2016, 87, 113305.	1.3	32
39	New Precision Measurement for Proton Zemach Radius with Laser Spectroscopy. International Journal of Modern Physics Conference Series, 2016, 40, 1660046.	0.7	16
40	High-Precision Microwave Spectroscopy of Muonium for Determination of Muonic Magnetic Moment. International Journal of Modern Physics Conference Series, 2016, 40, 1660076.	0.7	1
41	Antihydrogen synthesis in a double-CUSP trap towards test of the CPT-symmetry. Hyperfine Interactions, 2016, 237, 1.	0.5	0
42	Towards measuring the ground state hyperfine splitting of antihydrogen â€“ a progress report. Hyperfine Interactions, 2016, 237, 1.	0.5	8
43	Influence of Nonenzymatic Glycation in Dentinal Collagen on Dental Caries. Journal of Dental Research, 2016, 95, 1528-1534.	5.2	12
44	Towards a test of the weak equivalence principle of gravity using anti-hydrogen at CERN. , 2016, , .		0
45	Direct detection of antihydrogen atoms using a BGO crystal. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 840, 153-159.	1.6	14
46	Study of the elementary (Kâ^', n) reactions to search for the KÂ¯NN bound state via the 3He (Kâ^', n) reaction at J-PARC. AIP Conference Proceedings, 2016, , .	0.4	0
47	New muonium HFS measurements at J-PARC/MUSE. Hyperfine Interactions, 2016, 237, 1.	0.5	7
48	The ASACUSA Micromegas Tracker: A cylindrical, bulk Micromegas detector for antimatter research. Review of Scientific Instruments, 2015, 86, 083304.	1.3	10
49	BASE â€“ The Baryon Antibaryon Symmetry Experiment. European Physical Journal: Special Topics, 2015, 224, 3055-3108.	2.6	53
50	The development of the antihydrogen beam detector and the detection of the antihydrogen atoms for in-flight hyperfine spectroscopy. Journal of Physics: Conference Series, 2015, 635, 022061.	0.4	3
51	The development of the superconducting double cusp magnet for intense antihydrogen beams. Journal of Physics: Conference Series, 2015, 635, 022062.	0.4	5
52	The GBAR antimatter gravity experiment. Hyperfine Interactions, 2015, 233, 21-27.	0.5	109
53	Search for the deeply bound K-pp state from the semi-inclusive forward-neutron spectrum in the in-flight K- reaction on helium-3. Progress of Theoretical and Experimental Physics, 2015, 2015, 61D01-0.	6.6	24
54	The ASACUSA CUSP: an antihydrogen experiment. Hyperfine Interactions, 2015, 235, 13-20.	0.5	5

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55	First accurate experimental study of Mu reactivity from a state-selected reactant in the gas phase: the Mu + H₂{1} reaction rate at 300 K. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 045204.	1.5	2
56	Measurement of the Strong Interaction Induced Shift and Width of the 1s State of Kaonic Deuterium at J-PARC. Acta Physica Polonica B, 2015, 46, 101.	0.8	15
57	Protein S exacerbates alcoholic hepatitis by stimulating liver natural killer T cells. Journal of Thrombosis and Haemostasis, 2015, 13, 142-154.	3.8	14
58	High-precision comparison of the antiproton-to-proton charge-to-mass ratio. Nature, 2015, 524, 196-199.	27.8	114
59	A reservoir trap for antiprotons. International Journal of Mass Spectrometry, 2015, 389, 10-13.	1.5	23
60	Search for theKâ^'ppbound state via the in-flight3He(Kâ^',n) reaction. EPJ Web of Conferences, 2014, 81, 02016.	0.3	0
61	Search for the Kâ^' pp bound state via the 3He(Kâ^', n) reaction at 1 GeV/c. Journal of Physics: Conference Series, 2014, 569, 012080.	0.4	0
62	A Search for Deeply-bound Kaonic Nuclear States by In-flight ^{3}He(K^-, n) Reaction at J-PARC. Acta Physica Polonica B, 2014, 45, 767.	0.8	4
63	A source of antihydrogen for in-flight hyperfine spectroscopy. Nature Communications, 2014, 5, 3089.	12.8	149
64	Towards a high-precision measurement of the antiproton magnetic moment. Hyperfine Interactions, 2014, 228, 31-36.	0.5	7
65	Towards a spin polarized antihydrogen beam. Hyperfine Interactions, 2014, 228, 67-76.	0.5	1
66	Online full two-dimensional imaging of pulsed muon beams at J-PARC MUSE using a gated image intensifier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 754, 1-9.	1.6	15
67	A search for theKâ^'ppbound state in the3He(Kâ^'in-flight,n) reaction at J-PARC. EPJ Web of Conferences, 2014, 66, 09008.	0.3	1
68	The magnetic moments of the proton and the antiproton. Journal of Physics: Conference Series, 2014, 488, 012033.	0.4	5
69	A Search for Deeply Bound Kaonic Nuclear States at J-PARC. Few-Body Systems, 2013, 54, 1195-1199.	1.5	1
70	A search for deeply-bound kaonic nuclear state at the J-PARC E15 experiment. Nuclear Physics A, 2013, 914, 315-320.	1.5	9
71	Demonstration of the double Penning Trap technique with a single proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 78-81.	4.1	26
72	Measurement of muonium emission from silica aerogel. Progress of Theoretical and Experimental Physics, 2013, 2013, 103C01-103C01.	6.6	18

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73	Towards the production of anti-hydrogen beams. , 2013, , .		0
74	J-PARC MUSE H-line optimization for the g-2 and MuHFS experiments. Journal of Physics: Conference Series, 2013, 408, 012073.	0.4	3
75	Development of a monoenergetic ultraslow antiproton beam source for high-precision investigation. Physical Review Special Topics: Accelerators and Beams, 2012, 15, .	1.8	24
76	The K1.8BR spectrometer system at J-PARC. Progress of Theoretical and Experimental Physics, 2012, 2012, .	6.6	15
77	Antihydrogen atom formation in a CUSP trap towards spin polarized beams. Hyperfine Interactions, 2012, 212, 31-40.	0.5	0
78	Status of the Superomega Muon Beam Line at J-PARC. Physics Procedia, 2012, 30, 34-37.	1.2	9
79	Photo Detachment of Negatively Charged Muonium in GaAs by Laser Irradiation. Physics Procedia, 2012, 30, 224-226.	1.2	8
80	Detection of Conduction Electron Spin Polarization in n-GaAs by Negative Muonium. Physics Procedia, 2012, 30, 231-234.	1.2	6
81	Synthesis of antihydrogen atoms in a CUSP trap. Hyperfine Interactions, 2012, 209, 35-41.	0.5	3
82	Synthesis of antihydrogen atoms in a CUSP trap. , 2012, , 35-41.		0
83	Antihydrogen atom formation in a CUSP trap towards spin polarized beams. , 2012, , 31-40.		0
84	Performance Evaluation of Silicon Drift Detectors for a Precision X-ray Spectroscopy of Kaonic Helium-3. Journal of Physics: Conference Series, 2011, 312, 052009.	0.4	0
85	Peptidoglycan activation of the proPO-system without a peptidoglycan receptor protein (PGRP)?. Developmental and Comparative Immunology, 2011, 35, 51-61.	2.3	41
86	Precision spectroscopy of kaonic [sup 3]He X-rays at J-PARC. , 2011, , .		1
87	Precision Spectroscopy of Kaonic Helium-3 X-rays at J-PARC. Journal of Physics: Conference Series, 2011, 312, 022020.	0.4	0
88	The Status of the Superomega Muon Beamline. , 2011, , .		3
89	Spectroscopic study of Î›(1405) via the in-flight (K[sup â^’],n) reaction on deuteron. , 2011, , .		1
90	Focusing Effect of MeV Muon Beam with a Tapered Capillary Method. Journal of the Physical Society of Japan, 2011, 80, 044501.	1.6	13

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91	STATUS AND PLANS OF EXPERIMENT E17 AT J-PARC. International Journal of Modern Physics A, 2011, 26, 604-606.	1.5	1
92	THE SEARCH FOR DEEPLY BOUND KAONIC NUCLEAR STATES AT J-PARC. International Journal of Modern Physics A, 2011, 26, 561-563.	1.5	3
93	Muon density enhancement with a tapered capillary method. , 2011, , .		1
94	Precision Spectroscopy of Kaonic Helium-3 X-rays at J-PARC. , 2011, , .		0
95	Pilot experiment for muonium photo ionization in GaAs. Journal of Physics: Conference Series, 2010, 225, 012004.	0.4	2
96	Positron accumulation and manipulation for antihydrogen synthesis. Journal of Physics: Conference Series, 2010, 225, 012018.	0.4	7
97	Genome-wide analysis of genes targeted by qLTG3-1 controlling low-temperature germinability in rice. Plant Molecular Biology, 2010, 72, 137-152.	3.9	61
98	Search for strange tribaryons in the <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier. Physic	4.1	11
99	High incidence of tumors in diabetic thrombin activatable fibrinolysis inhibitor and apolipoprotein E double-deficient mice. Journal of Thrombosis and Haemostasis, 2010, 8, 2514-2522.	3.8	10
100	Precision Spectroscopy of Kaonic Helium-3 Atoms X-rays at J-PARC. EPJ Web of Conferences, 2010, 3, 03017.	0.3	1
101	A search for deeply-bound kaonic nuclear states at J-PARC. EPJ Web of Conferences, 2010, 3, 07015.	0.3	0
102	Synthesis of Cold Antihydrogen in a Cusp Trap. Physical Review Letters, 2010, 105, 243401.	7.8	135
103	A search for deeply bound kaonic nuclear states at J-PARC. , 2010, , .		0
104	Precision spectroscopy of Kaonic helium-3 and helium-4 3dâ†'2p X-rays. , 2010, , .		0
105	Highly Mobile Gapless Excitations in a Two-Dimensional Candidate Quantum Spin Liquid. Science, 2010, 328, 1246-1248.	12.6	366
106	SEARCH FOR STRANGE TRIBARYON STATES IN THE 4He(STOPPED K-, p) REACTION. International Journal of Modern Physics A, 2009, 24, 442-445.	1.5	1
107	Development of new Î¼â€“e decay counter in new multi-channel Î¼SR spectrometer for intense pulsed muon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 44-46.	1.6	7
108	ASACUSA MUSASHI: New progress with intense ultra slow antiproton beam. Hyperfine Interactions, 2009, 194, 71-76.	0.5	8

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109	Muon spectroscopy with trace alkaline-earth and rare-earth isotopes implanted in solid D2. Hyperfine Interactions, 2009, 193, 121-127.	0.5	13
110	Density effect in dâ€‰-â€‰dâ€‰ catalyzed fusion with ortho-and para-enriched deuterium. Hyperfine Interactions, 2009, 193, 159-163.	0.5	0
111	Application of stimulated Raman pumping toward the first study of chemical reaction dynamics of the muonium atom with H2*. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, S263-S266.	0.8	2
112	J-PARC muon source, MUSE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 22-24.	1.6	60
113	Prospects for ultra-low-energy muon beam at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 35-37.	1.6	4
114	The super omega muon beamline at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 132-134.	1.6	15
115	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.	1.6	3
116	Nuclear capture at rest of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>Îž</mml:mi><mml:mo>â^’</mml:mo></mml:msup></mml:math>hyperons. Nuclear Physics A, 2009, 828, 191-232.	1.5	85
117	Toward the first study of chemical reaction dynamics of Mu with vibrational-state-selected reactants in the gas phase: The reaction by stimulated Raman pumping. Physica B: Condensed Matter, 2009, 404, 1013-1016.	2.7	8
118	Muons for spintronics: Photo-induced conduction electron polarization in n-type GaAs observed by the muonium method. Physica B: Condensed Matter, 2009, 404, 856-858.	2.7	7
119	Birth of an intense pulsed muon source, J-PARC MUSE. Physica B: Condensed Matter, 2009, 404, 957-961.	2.7	17
120	Transcriptional activity of rice autonomous transposable element Dart. Journal of Plant Physiology, 2009, 166, 1537-1543.	3.5	7
121	Muon spectroscopy with trace alkaline-earth and rare-earth isotopes implanted in solid D2. , 2009, , 121-127.		0
122	Density effect in dâ€‰-â€‰dâ€‰ catalyzed fusion with ortho-and para-enriched deuterium. , 2009, , 159-163.		0
123	Pulsed source of ultra low energy positive muons for near-surface Î¼SR studies. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 335-346.	1.4	57
124	Density effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>d</mml:mi><mml:mtext>â€“</mml:mtext><mml:mi>d</mml:mi></mml:math> muon-catalyzed fusion with ortho- and para-enriched D2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 120-124.	4.1	7
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127	SOLVING THE KAONIC-HELIUM PUZZLE. Modern Physics Letters A, 2008, 23, 2505-2511.	1.2	1
128	YN CORRELATIONS FROM THE STOPPED K^{â^'} REACTION ON ⁴He. Modern Physics Letters A, 2008, 23, 2520-2523.	1.2	32
129	Design of the Large Acceptance Muon Beamline at J-PARC. AIP Conference Proceedings, 2008, , .	0.4	12
130	Preparation of ortho-para ratio controlled D2 gas for muon-catalyzed fusion. Review of Scientific Instruments, 2008, 79, 053502.	1.3	5
131	Du3, a mRNA cap-binding protein gene, regulates amylose content in Japonica rice seeds. Plant Biotechnology, 2008, 25, 483-487.	1.0	39
132	An Arthropod Cuticular Chitin-binding Protein Endows Injured Sites with Transglutaminase-dependent Mesh. Journal of Biological Chemistry, 2007, 282, 37316-37324.	3.4	23
133	Density Enhancement of Muon Beams with Tapered Glass Tubes. Journal of the Physical Society of Japan, 2007, 76, 093501.	1.6	21
134	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>Î›</mml:mo><mml:mi>d</mml:mi></mml:mrow></mml:math>correlations from the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none		

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145	Measurement of the xmml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	7
146	Measurement of the xmml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	58
147	The scattering of muons in low-Z materials. Nuclear Instruments & Methods in Physics Research B, 2006, 251, 41-55.	1.4	23
148	Generation of low-energy muons with laser resonant ionization. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 346-348.	0.4	7
149	A search for deeply bound kaonic nuclear states. Nuclear Physics A, 2005, 754, 375-382.	1.5	48
150	Muonic atoms of radioactive nuclei. Nuclear Physics, Section B, Proceedings Supplements, 2005, 149, 390-392.	0.4	14
151	J-PARC Muon Science Facility with use of 3 GeV Proton Beam. Nuclear Physics, Section B, Proceedings Supplements, 2005, 149, 393-395.	0.4	9
152	Comprehensive sequence analysis of horseshoe crab cuticular proteins and their involvement in transglutaminase-dependent cross-linking. FEBS Journal, 2005, 272, 4774-4786.	4.7	38
153	Precise Muon Lifetime Measurement with a Pulsed Beam at the RIKEN-RAL Muon Facility. Nuclear Physics, Section B, Proceedings Supplements, 2005, 149, 341-343.	0.4	1
154	Muonic Atoms of Unstable Nuclei. AIP Conference Proceedings, 2005, , .	0.4	7
155	STRANGE MULTI-BARYON AND KAONIC ATOMS. , 2005, , .		0
156	Radioactive Muonic Atom Studies with Intense Muon Beams. AIP Conference Proceedings, 2004, , .	0.4	1
157	Precise measurement of the positive muon lifetime at the RIKEN-RAL muon facility. AIP Conference Proceedings, 2004, , .	0.4	0
158	Anomalous Temperature-Dependent Phenomena of Muon Catalyzed Fusion in Solid Deuterium and Tritium Mixtures. Progress of Theoretical Physics Supplement, 2004, 154, 233-240.	0.1	1
159	Strong n-Î± Correlations Observed in Muon Catalyzed t-t Fusion Reactions. Progress of Theoretical Physics Supplement, 2004, 154, 225-232.	0.1	4
160	Recent Development of a point positive muon source at the RIKEN-RAL muon facility. AIP Conference Proceedings, 2004, , .	0.4	1
161	Progress in muonic atom spectroscopy with RI beams. Nuclear Physics A, 2004, 746, 621-624.	1.5	5
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163	Slow muon experiment by laser resonant ionization method at RIKEN-RAL muon facility. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2003, 58, 1019-1030.	2.9	28
164	Precise muon lifetime measurement at the RIKEN-RAL muon facility and prospects at a high intense muon source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 503, 283-286.	1.6	2
165	Generation and investigation of radioactive muonic atoms in solid hydrogen films. Nuclear Physics A, 2003, 722, C523-C527.	1.5	7
166	The first observation of slow muon beam at the RIKEN-RAL muon facility. Physica B: Condensed Matter, 2003, 326, 217-221.	2.7	9
167	The muon science facility at the JAERI/KEK joint project. Physica B: Condensed Matter, 2003, 326, 255-259.	2.7	12
168	Evidence for strong nâ€“Î± correlations in the t+t reaction proved by the neutron energy distribution of muon catalyzed tâ€“t fusion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 176-183.	4.1	7
169	New Insights in Muon-CatalyzedddFusion by using Ortho-Para Controlled Solid Deuterium. Physical Review Letters, 2003, 90, 243401.	7.8	23
170	Discovery of Temperature-Dependent Phenomena of Muon-Catalyzed Fusion in Solid Deuterium and Tritium Mixtures. Physical Review Letters, 2003, 90, 043401.	7.8	14
171	Generation of slow muon beam by laser resonant ionization of muonium atoms. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2039-2041.	3.6	2
172	Precise measurement of the positive muon lifetime at the RIKEN-RAL muon facility. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2013-2015.	3.6	1
173	Muon spectroscopy with unstable nuclei. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2047-2049.	3.6	3
174	Parity violation in neutron resonances of palladium. Physical Review C, 2002, 65, .	2.9	2
175	Neutron resonance spectroscopy of104Pd,105Pd,and110Pd. Physical Review C, 2002, 65, .	2.9	17
176	Ultra-sensitive Detection of Hydrogen Isotopes by Lyman-Î± RIS. Journal of Nuclear Science and Technology, 2002, 39, 287-291.	1.3	1
177	A measurement of the absolute neutron beam polarization produced by an optically pumped neutron spin filter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 481, 431-453.	1.6	20
178	First observation of radiative photons associated with the Î¼â¯ transfer process from (tÎ¼â¯) to 3He through an intermediate (t3HeÎ¼â¯) mesomolecule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 43-49.	4.1	3
179	Measurement of parity-nonconserving rotation of neutron spin in the 0.734-eV p-wave resonance of 139La. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 534, 39-44.	4.1	8
180	An experimental investigation into vapor dispersion and solid suspension in boiling stirred tank reactors. Chemical Engineering and Processing: Process Intensification, 2002, 41, 267-279.	3.6	15

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181	Ultra-sensitive Detection of Hydrogen Isotopes by Lyman-.ALPHA. RIS.. Journal of Nuclear Science and Technology, 2002, 39, 287-291.	1.3	1
182	Parity violation at neutron resonances and related neutron spectroscopy experiments. European Physical Journal D, 2001, 51, A289-A298.	0.4	0
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