

Susumu Shimoura

List of Publications by Year in descending order

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285
papers

9,801
citations

50566

48
h-index

45040

94
g-index

290
all docs

290
docs citations

290
times ranked

2386
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a correlated free four-neutron system. <i>Nature</i> , 2022, 606, 678-682.	13.7	48
2	Energy-control and novel particle-identification methods combined with range in a multi-sampling ionization chamber for experiments using slowed-down RI beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 986, 164687.	0.7	1
3	Three-body breakup of ^6He and its halo structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136072.	1.5	15
4	High-spin states in $^3\text{S}_1$. <i>Physical Review C</i> , 2021, 103, .	1.1	4
5	MPVâ€”Parallel Readout Architecture for the VME Data Acquisition System. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 1841-1848.	1.2	1
6	Extended Migdal-Watson formula to evaluate background strength in binary breakup reactions. <i>Physical Review C</i> , 2021, 104, .	1.1	1
7	Production of ^{178}Hf and a simple chemical separation method for Hf recovery. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 721-725.	0.7	2
8	Continuum Strength of Direct Breakup Induced by External Isoscalar Field. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	0
9	Experimental Study of ^4n by Directly Detecting the Decay Neutrons. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	3
10	New energy-degrading beamline for in-flight RI beams, OEDO. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 143-147.	0.6	2
11	Study of spin-isospin responses of radioactive nuclei with the background-reduced neutron spectrometer, PANDORA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 189-194.	0.6	2
12	Mapping of a New Deformation Region Around ^{62}Ti . <i>Physical Review Letters</i> , 2020, 125, 122501.	2.9	23
13	Mapping of a New Deformation Region Around ^{25}F . <i>Physical Review Letters</i> , 2020, 125, 122501.	2.9	14
14	Spallation reaction study for long-lived fission products in nuclear waste. <i>EPJ Web of Conferences</i> , 2020, 239, 06003.	0.1	4
15	Isotope-production cross sections of residual nuclei in proton- and deuteron-induced reactions on ^{93}Zr at 50 MeV/u. <i>EPJ Web of Conferences</i> , 2020, 239, 20006.	0.1	1
16	Experimental study of 4n with $^8\text{He}(p,2p)$ reaction. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012090.	0.3	1
17	Performance of the OEDO beamline. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012035.	0.3	0
18	Study of spin-isospin response of ^{11}Li neutron-drip-line nucleus with PANDORA. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012107.	0.3	2

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19	Study of Multi-neutron Systems with SAMURAI Spectrometer. Springer Proceedings in Physics, 2020, , 529-534.	0.1	0
20	Isotope production in proton-, deuteron-, and carbon-induced reactions on Nb93 at 113 MeV/nucleon. Physical Review C, 2019, 100, .	1.1	3
21	Enhancement of element production by incomplete fusion reaction with weakly bound deuteron. Communications Physics, 2019, 2, .	2.0	10
22	Coulomb breakup reactions of 93,94Zr in inverse kinematics. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	3
23	Angle-tunable wedge degrader for an energy-degrading RI beamline. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	4
24	OEDO, the energy-degrading beamline at RI Beam Factory. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	8
25	Current status of plasma spectroscopic experiments with Hyper-ECR ion source at CNS, University of Tokyo. AIP Conference Proceedings, 2019, , .	0.3	0
26	Note: An innovative method for 12C4+suppression in 18O6+beam production in an electron cyclotron resonance ion source. Review of Scientific Instruments, 2018, 89, 016103.	0.6	1
27	Exclusive quasi-free proton knockout from oxygen isotopes at intermediate energies. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	40
28	The OEDO Project: Production of Slowed-Down RI Beams at RIBF. Nuclear Physics News, 2018, 28, 21-24.	0.1	2
29	Direct reactions as quantum probes for nuclei. European Physical Journal Plus, 2018, 133, 1.	1.2	2
30	Low-lying dipole response in the unstable ^{70}Ni nucleus. Physical Review C, 2018, 98, .	1.1	16
31	of the Landau-Migdal Parameter from the Gamow-Teller Giant Resonance in ^{70}Ni . Physical Review C, 2018, 98, .	2.9	41
32	Magic Nature of Neutrons in ^{54}Ca . Physical Review Letters, 2018, 121, 082501.	2.9	89
33	First Mass Measurements of ^{90}Zr . Physical Review Letters, 2018, 121, 082501.		

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37	Cross sections for nuclide production in proton- and deuteron-induced reactions on ^{93}Nb measured using the inverse kinematics method. EPJ Web of Conferences, 2017, 146, 11046.	0.1	0
38	Spallation reaction study for the long-lived fission product ^{107}Pd . Progress of Theoretical and Experimental Physics, 2017, 2017, .	1.8	10
39	Cross section measurement of residues produced in proton- and deuteron-induced spallation reactions on ^{93}Zr at 105 MeV/u using the inverse kinematics method. EPJ Web of Conferences, 2017, 146, 03012.	0.1	0
40	Spallation reaction study for fission products in nuclear waste: Cross section measurements for ^{137}Cs , ^{90}Sr and ^{107}Pd on proton and deuteron. EPJ Web of Conferences, 2017, 146, 09022.	0.1	2
41	Sharaq Spectrometer: High-resolution Spectroscopy Using Exotic Beams And Reactions. , 2017, , .		2
42	Study of Gamow-Teller transitions from ^{132}Sn via the (p,n) reaction at 220 MeV/u in inverse kinematics. EPJ Web of Conferences, 2016, 107, 06003.	0.1	0
43	First test experiment to produce the slowed-down RI beam with the momentum-compression mode at RIBF. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 180-184.	0.6	4
44	Separated flow operation of the SHARAQ spectrometer for in-flight proton-decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 233-242.	0.7	2
45	Proton-proton correlations in distinguishing the two-proton emission mechanism of ^{23}Al and ^{23}Mg in inverse kinematics. Physical Review C, 2016, 94, .	1.1	24
46	Candidate Resonant Tetraneutron State Populated by the ^{23}Al Reaction. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 180-184.	0.6	11
47	Proton-proton correlations in distinguishing the two-proton emission mechanism of ^{23}Al and ^{23}Mg in inverse kinematics. Physical Review C, 2016, 94, .		

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55	Neutron occupancy of the $0d_{5/2}$ orbital and the $N=16$ shell closure in ^{24}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 19-22.	1.5	12
56	Note: 6Li III light intensity observation for 6Li^{3+} ion beam operation at Hyper-Electron Cyclotron Resonance ion source. Review of Scientific Instruments, 2014, 85, 126107.	0.6	4
57	Production of beams from solid materials at Center for Nuclear Study electron cyclotron resonance ion source. Review of Scientific Instruments, 2014, 85, 02A912.	0.6	5
58	Plasma spectroscopy of metal ions for hyper-electron cyclotron resonance ion source. Review of Scientific Instruments, 2014, 85, 02A905.	0.6	5
59	One-neutron knockout reaction of ^{17}C on a hydrogen target at 70 MeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 462-466.	1.5	16
60	Shell and shape evolution at ^{28}Mg ground state. Physical Review C, 2014, 89, .	1.1	23
61	Neutron occupancy of $0d_{5/2}$ orbital in ^{24}O . EPJ Web of Conferences, 2014, 66, 02103.	0.1	0
62	Spectroscopic Measurement in ^9He and ^{12}Be . Few-Body Systems, 2013, 54, 1433-1436.	0.7	24
63	Discovery of the First 2- State in ^{16}C via Neutron Knockout Reaction. Few-Body Systems, 2013, 54, 1469-1472.	0.7	3
64	Invariant Mass Spectroscopy of ^{23}O via the $(p, p\alpha^2)$ Reaction in Inverse Kinematics. Few-Body Systems, 2013, 54, 287-290.	0.7	3
65	The $N = 16$ Spherical Shell Closure in ^{24}O . Few-Body Systems, 2013, 54, 459-463.	0.7	1
66	SHARAQ spectrometer for high-resolution studies for RI-induced reactions. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 305-310.	0.6	14
67	Development of CVD diamond detector for time-of-flight measurements. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 710-713.	0.6	23
68	Development of low-pressure multi-wire drift chambers for high-resolution spectroscopy with radioactive isotope beams. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 701-704.	0.6	16
69	Collectivity of neutron-rich Ti isotopes. Physical Review C, 2013, 88, .	1.1	11
70	Grating monochromator for electron cyclotron resonance ion source operation. Review of Scientific Instruments, 2013, 84, 073304.	0.6	6
71	The SHARAQ spectrometer. Progress of Theoretical and Experimental Physics, 2012, 2012, 3C007-0.	1.8	29
72	New Experimental Studies of Nuclear Spin-Isospin Responses. Progress of Theoretical Physics Supplement, 2012, 196, 150-157.	0.2	4

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73	Hindered proton collectivity in the proton-rich nucleus [sup 28]S: Possible magic number Z = 16. , 2012, , .		0
74	Spherical Shell Closure in $N=16$ $Z=24$ Nuclei. Physical Review Letters, 2012, 109, 022501.	2.9	92
75	Spin Monopole Resonance via the $^{208}\text{Pb}(t,^3\text{He})^{205}\text{Pb}$ Reaction at 300 MeV/u. Physical Review Letters, 2012, 109, 182501.	2.9	19
76	Well Developed Deformation in ^{42}Si . Physical Review Letters, 2012, 109, 182501.	2.9	94
77	Spin-Isospin responses via charge exchange reactions of RI beams at SHARAQ. , 2012, , .		0
78	Hindered Proton Collectivity in ^{126}Zn : Possible Magic Number at $Z=16$. Physical Review Letters, 2012, 108, 222501.	2.9	23
79	The super-allowed Fermi type charge exchange reaction for studies of isovector non-spin-flip monopole resonance. , 2012, , .		2
80	HIGH-RESOLUTION ION-OPTICAL ANALYSIS OF RI-BEAMS WITH THE SHARAQ SPECTROMETER. , 2012, , .		0
81	High-resolution SHARAQ spectrometer at RI Beam Factory. Journal of Physics: Conference Series, 2011, 312, 052028.	0.3	0
82	Measurement of the Isovector Spin Monopole Resonance via the $^{208}\text{Pb}(t,^3\text{He})^{205}\text{Pb}$ Reactions at 300 MeV/u. Journal of Physics: Conference Series, 2011, 312, 092040.	0.3	1
83	Experimental Investigation of the Stellar Reaction $^{30}\text{S}(p,^3\text{He})^{31}\text{Cl}$ via Coulomb Dissociation. Journal of Physics: Conference Series, 2011, 312, 042025.	0.3	3
84	Measurements on diproton emission from the break-up channels of ^{23}Al and ^{22}Mg . Science China: Physics, Mechanics and Astronomy, 2011, 54, 18-23.	2.0	4
85	Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 607, 450-462.		
86	The first 2^+ excited state of ^{24}O . Journal of Physics: Conference Series, 2011, 312, 092059.	0.3	0
87	Resonance states in ^{27}P using Coulomb dissociation and their effect on the stellar reaction $^{26}\text{Si}(p,^3\text{He})^{27}\text{P}$. Physical Review C, 2011, 84, .	1.1	13
88	Invariant Mass Spectroscopy for the Neutron Rich Nuclei. Journal of the Korean Physical Society, 2011, 59, 1467-1472.	0.3	2
89	Measurement of Unbound Excited States of ^{24}O . Journal of the Korean Physical Society, 2011, 59, 1529-1532.	0.3	3
90	New data acquisition system for the RIKEN Radioactive Isotope Beam Factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 616, 65-68.	0.7	24

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91	Low-lying intruder state of the unbound nucleus ^{13}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 245-249.	1.5	72
92	Invariant mass spectroscopy of $^{19,17}\text{C}$ and ^{14}B using proton inelastic and charge-exchange reactions. Nuclear Physics A, 2010, 834, 404c-407c.	0.6	2
93	MEASUREMENT OF TWO-PROTON CORRELATION FROM THE BREAK-UP OF ^{23}Al . International Journal of Modern Physics E, 2010, 19, 957-964.	0.4	3
94	THE $6\text{He}+6\text{He}$ AND $^{\hat{1}\pm}8\text{He}$ CLUSTER STATES IN ^{12}Be VIA $^{\hat{1}\pm}$ -INELASTIC SCATTERING. Modern Physics Letters A, 2010, 25, 1858-1861.	0.5	23
95	MEASUREMENT OF THE PROTON-PROTON CORRELATION FUNCTION FROM THE BREAK-UP OF ^{22}Mg AND ^{20}Ne . International Journal of Modern Physics E, 2010, 19, 1823-1828.	0.4	2
96	EXPERIMENTAL INVESTIGATION OF THE STELLAR REACTION $^{30}\text{S}(p,^{\hat{1}3})^{31}\text{Cl}$ VIA COULOMB DISSOCIATION. Modern Physics Letters A, 2010, 25, 1763-1766.	0.5	3
97	SHARAQ Spectrometer's Current status and future experimental plans. , 2010, , .		0
98	Current status and future experimental program of the SHARAQ spectrometer. , 2010, , .		0
99	Measurement on proton-proton correlation of the excited ^{23}Al . , 2010, , .		0
100	Low-lying states in ^{32}Mg studied by proton inelastic scattering. Physical Review C, 2009, 79, .	1.1	49
101	Spectroscopy of ^{32}Ne and the "island of inversion". Physical Review Letters, 2009, 103, 032501.	2.9	91
102	Two-particle correlations in continuum dipole transitions in Borromean nuclei. Physical Review C, 2009, 80, .	1.1	31
103	Neutron capture cross section of ^{14}C of astrophysical interest studied by Coulomb breakup of ^{15}C . Physical Review C, 2009, 79, .	1.1	72
104	One-neutron removal reactions of ^{18}C and ^{19}O on a proton target. Physical Review C, 2009, 79, .	1.1	39
105	Development of Large Deformation in ^{62}Cr . Physical Review Letters, 2009, 102, 012502.	2.9	66
106	STUDY OF LOW-LYING STATES IN ^{32}Mg . International Journal of Modern Physics E, 2009, 18, 2025-2029.	0.4	0
107	HIGH-RESOLUTION SPECTROSCOPY USING RI-BEAMS AT SHARAQ PROJECT. International Journal of Modern Physics E, 2009, 18, 2011-2014.	0.4	0
108	Application of Doppler-shift attenuation method to the de-excitation $^{\hat{1}3}$ rays from the in-flight ^{12}Be beam. , 2009, , .		0

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109	High-resolution spectroscopy using direct reactions of RI beams. , 2009, , .		0
110	First lifetime measurement of ^{21}Ne state in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 179-182.	1.0	12
111	Yrast spectroscopy in $^{49-51}\text{Ti}$ via fusion-evaporation reaction induced by a radioactive beam. European Physical Journal A, 2009, 42, 471.	2.9	182
112	Halo Structure of the Island of Inversion Nucleus ^{31}Ne . Physical Review Letters, 2009, 103, 262501.		0
113	Exploring the Southern Boundaries of the "Island of Inversion" at the RIBF. , 2009, , .	0.6	17
114	High resolution beam line for the SHARAQ spectrometer. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4201-4204.	0.6	3
115	SHARAQ spectrometer and GRAPE. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4131-4136.	1.5	60
116	Unbound excited states in $^{19,17}\text{C}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 320-325.	1.5	20
117	Low-lying proton intruder state in ^{13}B . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 311-314.	0.6	34
118	The high resolution SHARAQ spectrometer. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4218-4222.	0.6	15
119	Shape transition observed in neutron-rich pf-shell isotopes studied via proton inelastic scattering. Nuclear Physics A, 2008, 805, 400c-407c.	0.3	0
120	Direct Reactions of Borromean Nuclei. AIP Conference Proceedings, 2008, , .	0.3	0
121	Investigation of Stellar $^{26}\text{Si}(\text{p},\text{p}^3)^{27}\text{P}$ Reaction via Coulomb Dissociation. AIP Conference Proceedings, 2008, , .	1.4	3
122	The study of shell closures in light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014038.	1.1	10
123	Study of shell closures in light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014038.	1.1	0
124	Publisher's Note: Large proton contribution to the ^{20}Mg shell closure in the neutron-rich isotope ^{80}Ge . Physical Review C, 2008, 78, .		1
125	Persistence of the ^{20}N shell closure in the neutron-rich isotope ^{50}Mg . Physical Review C, 2008, 78, .	1.1	17
126	Study of shell closures in light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014038.		

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127	SHARAQ project. AIP Conference Proceedings, 2007, , .	0.3	0
128	Exotic cluster states in ^{12}Be via $\hat{1}\pm$ -inelastic scattering. AIP Conference Proceedings, 2007, , .	0.3	7
129	Study of exotic nuclei around the "island of inversion". AIP Conference Proceedings, 2007, , .	0.3	1
130	High resolution magnetic spectrometer SHARAQ in RIBF. AIP Conference Proceedings, 2007, , .	0.3	0
131	Properties of ^{12}Be and ^{11}Be in terms of single-particle motion in deformed potential. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2715-2725.	1.4	26
132	Proton Shell Structure in Neutron-rich ^{23}F . Nuclear Physics A, 2007, 787, 569-574.	0.6	6
133	Isoscalar compressional strengths in ^{14}O . Nuclear Physics A, 2007, 788, 188-193.	0.6	10
134	Single-particle resonance levels in ^{14}O examined by $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-ce/dtd" \rangle$	1.5	35
135	The first $2+$ state of ^{14}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 654, 160-164.	1.5	39
136	Lifetime of the isomeric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:m} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:m} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \rangle$ state in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 654, 87-91.	1.5	70
137	Study of $N=20$ shell gap with $^1\text{H}(^{28}\text{Ne}, ^{27}\text{Ne})$ reactions. European Physical Journal: Special Topics, 2007, 150, 99-102.	1.2	4
138	Nuclear spectroscopy using direct reactions of RI beams. AIP Conference Proceedings, 2006, , .	0.3	1
139	Single-particle States in ^{23}F . Journal of Physics: Conference Series, 2006, 49, 196-197.	0.3	0
140	Inelastic proton scattering on ^{16}C . Journal of Physics: Conference Series, 2006, 49, 13-14.	0.3	1
141	$(p, p\epsilon^2)$ and (p, n) reactions on halo nuclei. Journal of Physics: Conference Series, 2006, 49, 27-28.	0.3	0
142	Spectroscopy on neutron-rich nuclei near $N = 50$ via two-step Coulomb excitation at intermediate energies. Journal of Physics: Conference Series, 2006, 49, 65-66.	0.3	0
143	Evolution of the $N = 20$ shell gap. Journal of Physics: Conference Series, 2006, 49, 140-145.	0.3	0
144	Proton inelastic scattering on ^{32}Mg . Journal of Physics: Conference Series, 2006, 49, 153-154.	0.3	1

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145	In-beam spectroscopy of exotic nuclei probed by \hat{I}_{\pm} -induced direct reactions. Journal of Physics: Conference Series, 2006, 49, 155-160.	0.3	0
146	Bound excited states in ^{27}F . AIP Conference Proceedings, 2006, , .	0.3	0
147	Proton single-particle states in the neutron-rich ^{23}F nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 146-152.	1.5	33
148	Study of the $^{26}\text{Si}(p, \hat{I}^3)^{27}\text{P}$ reaction through Coulomb dissociation of ^{27}P . European Physical Journal A, 2006, 27, 233-236.	1.0	5
149	Nuclear astrophysics at the east drip line. European Physical Journal A, 2006, 27, 327-332.	1.0	6
150	Coulomb Dissociation of ^{27}P for Study of $^{26}\text{Si}(p, \hat{I}^3)^{27}\text{P}$ Reaction. AIP Conference Proceedings, 2006, , .	0.3	0
151	Invariant-mass spectroscopy of the neutron-drip line nucleus ^{14}Be . Journal of Physics: Conference Series, 2006, 49, 43-44.	0.3	0
152	Observation of Strong Low-Lying $E1$ Strength in the Two-Neutron Halo Nucleus ^{11}Li . Physical Review Letters, 2006, 96, 252502.	2.9	253
153	Vanishing $N=20$ Shell Gap: Study of Excited States in $^{27,28}\text{Ne}$. Physical Review Letters, 2006, 96, 182501.	2.9	44
154	Neutron-dominant quadrupole collective motion in ^{16}C . Physical Review C, 2006, 73, .	1.1	48
155	Proton inelastic scattering studies at the borders of the "island of inversion": The $^{30,31}\text{Na}$ and $^{33,34}\text{Mg}$ case. Physical Review C, 2006, 73, .	1.1	45
156	Liquid hydrogen and helium targets for radioisotope beams at RIKEN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 555, 1-5.	0.7	83
157	Study of Stellar Reactions in Explosive Hydrogen Burning with CRIB. Nuclear Physics A, 2005, 758, 733-736.	0.6	1
158	Coulomb Dissociation of ^{23}Al for the stellar $^{22}\text{Mg}(p, \hat{I}^3)^{23}\text{Al}$ reaction. Nuclear Physics A, 2005, 758, 761-764.	0.6	13
159	Excited states in neutron rich boron isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 608, 206-214.	1.5	27
160	Low-lying excited states in $^{17,19}\text{C}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 614, 174-180.	1.5	68
161	Decoupling of valence neutrons from the core in ^{17}B . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 81-88.	1.5	20
162	Quadrupole collectivity of ^{28}Ne and the boundary of the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 620, 118-124.	1.5	57

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163	Search for an isomeric state in ^{19}C . Nuclear Physics A, 2005, 757, 315-328.	0.6	5
164	Study of $^{26}\text{Si}(p, \hat{1}^3)^{27}\text{P}$ reaction using Coulomb dissociation method. Nuclear Physics A, 2005, 758, 182-185.	0.6	8
165	Study of single-particle states in ^{23}F using proton transfer reaction. European Physical Journal A, 2005, 25, 367-370.	1.0	3
166	Inelastic proton scattering on ^{16}C . European Physical Journal A, 2005, 25, 347-348.	1.0	0
167	Reduced transition probabilities for the first $2+$ excited state in ^{46}Cr , ^{50}Fe , and ^{54}Ni . European Physical Journal A, 2005, 25, 409-413.	1.0	14
168	Study of high-spin states in the ^{48}Ca region by using secondary fusion reactions. European Physical Journal A, 2005, 25, 429-430.	1.0	7
169	Intermediate-energy Coulomb excitation of the neutron-rich Ge isotopes around $N = 50$. European Physical Journal A, 2005, 25, 415-417.	1.0	7
170	Low-energy radioisotope beam separator CRIB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 539, 74-83.	0.7	99
171	Study Of High-Spin States In ^{48}Ca Region Induced By Secondary Fusion Reactions. AIP Conference Proceedings, 2005, , .	0.3	0
172	Single particle states in exotic nuclei via nucleon transfer reactions at $30 \leq E < 60$ A MeV. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1759-S1764.	1.4	6
173	In-beam $\hat{1}^3$ -ray spectroscopy of neutron-rich boron isotopes $^{15,17}\text{B}$ via inelastic scattering on ^{12}C . Physical Review C, 2005, 71, .	1.1	21
174	Inelastic proton scattering on ^{16}C . , 2005, , 347-348.		0
175	Coulomb dissociation experiment for explosive hydrogen burning: study of the $^{22}\text{Mg}(p, \hat{1}^3)^{23}\text{Al}$ reaction. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1517-S1521.	1.4	4
176	IN-BEAM SPECTROSCOPY OF EXOTIC NUCLEI USING DIRECT REACTIONS. , 2005, , .		0
177	DEVELOPMENT OF POSITION SENSITIVE Ge DETECTOR. , 2005, , .		0
178	DIRECT APPROACH TO EXPLOSIVE HYDROGEN BURNING PROCESS WITH CRIB. , 2005, , .		0
179	Study of single-particle states in ^{23}F using proton transfer reaction. , 2005, , 367-370.		0
180	Reduced transition probabilities for the first $2+$ excited state in ^{46}Cr , ^{50}Fe , and ^{54}Ni . , 2005, , 409-413.		0

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181	Intermediate-energy Coulomb excitation of the neutron-rich Ge isotopes around N = 50. , 2005, , 415-417.		0
182	Study of high-spin states in the 48Ca region by using secondary fusion reactions. , 2005, , 429-430.		0
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