

Tadashi Shimoda

List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Freezing-out of nuclear polarization in radioactive core ions of microclusters, snowballs in superfluid helium. <i>Hyperfine Interactions</i> , 1996, 97-98, 469-477. $\langle \mathbb{I}^2 \rangle$ -delayed neutron and $\langle \mathbb{I}^3 \rangle$ -ray spectroscopy of ^{17}C utilizing spin-polarized ^{15}C by a new method: \mathbb{I}^2 -delayed spectroscopy for a spin-polarized nucleus. <i>Physical Review C</i> , 2003, 67.	0.5	36
2	Structure of ^{28}Mg studied by $\langle \mathbb{I}^2 \rangle$ -decay spectroscopy of spin-polarized ^{28}Na : The first step of systematic studies on neutron-rich nuclear structure explored by \mathbb{I}^2 -delayed decay spectroscopy of spin-polarized radioactive nuclei at TRIUMF ISAC-1. <i>Hyperfine Interactions</i> , 2014, 225, 183-191.	2.9	27
3	\mathbb{I}^2 decay of the $21/2^+$ -isomer in ^{93}Mo and level structure of ^{93}Nb . <i>Physical Review C</i> , 2009, 80, .	2.9	23
4	Laser spectroscopy of exotic RI atoms in superfluid helium – OROCHI experiment. <i>Hyperfine Interactions</i> , 2010, 196, 191-197.	0.5	15
5	Spectroscopy of ^{135}La . <i>Physical Review C</i> , 2013, 88, .	2.9	15
6	Unexpected spin-parity assignments of the excited states in ^{9}Be . <i>Physical Review C</i> , 2015, 91, .	2.9	9
7	Shape coexistence revealed by $\langle \mathbb{I}^2 \rangle$ spectroscopy with spin-polarized ^{31}Mg explored by \mathbb{I}^2 – \mathbb{I}^3 spectroscopy of spin-polarized ^{31}Na . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 81-85.	2.9	8
8	Shape coexistence in the N=19 neutron-rich nucleus ^{31}Mg explored by \mathbb{I}^2 – \mathbb{I}^3 spectroscopy of spin-polarized ^{31}Na . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 81-85.	4.1	7
9	THE STRUCTURE OF NEUTRON-RICH $^{28,29}\text{Mg}$ STUDIED THROUGH \mathbb{I}^2 -DECAY OF SPIN POLARIZED $^{28,29}\text{Na}$ BEAMS AT TRIUMF. <i>Modern Physics Letters A</i> , 2010, 25, 1972-1975.	1.2	6
10	High-spin states in ^{136}La and possible structure change in the ^{136}La .	2.9	6
11	Revised spin-parity assignment and a new interpretation of the high-spin isomer in ^{151}Er . <i>European Physical Journal A</i> , 2009, 39, 49-51.	2.5	4
12	ISOMER SPECTROSCOPY AT RI BEAM LINE IN RCNP. <i>Modern Physics Letters A</i> , 2010, 25, 1951-1954.	1.2	4
13	Large-scale shell model study of the newly found isomer in ^{136}La . <i>Physical Review C</i> , 2016, 94, .	2.9	3
14	Structure of the neutron-rich nucleus ^{30}Mg . <i>Physical Review C</i> , 2020, 102, .	2.9	3
15	OPTICAL PUMPING AT THE ISAC POLARIZER. , 2002, , .		3

#	ARTICLE	IF	CITATIONS
19	High precision polarimeter system for atomic polarization and tilted-foil experiments with 1.7 keV/amu $^{14}\text{N}^+$ beam. Review of Scientific Instruments, 2000, 71, 2045-2049.	1.3	2
20	A spin polarizer for low energy radioactive nuclear beams. AIP Conference Proceedings, 2001, , .	0.4	1
21	Nuclear polarization in core ions of microclusters, $\tilde{\text{snowballs}}^{\text{TM}}$ in superfluid helium. European Physical Journal D, 1996, 46, 369-370.	0.4	0
22	DIRECT MEASUREMENT OF THE ASTROPHYSICAL $^8\text{Li}(\hat{I}_{\pm}, n)^{11}\text{B}$ REACTION. , 2005, , .		0
23	Study of astrophysical (\hat{I}_{\pm}, n) reactions using light-neutron rich radioactive nuclear beams. AIP Conference Proceedings, 2006, , .	0.4	0
24	Development of polarized ^3He ion source. AIP Conference Proceedings, 2007, , .	0.4	0
25	RCNP Project on Polarized ^3He Ion Sources $\hat{\text{e}}^{\text{TM}}$ From Optical Pumping to Cryogenic Method. , 2009, , .		0
26	New Isomers in Neutron-Rich Cs Isotopes. , 2015, , .		0
27	Measurement of Hyperfine Structure of Au Atom in Superfluid Helium. , 2015, , .		0
28	Laser spectroscopy of atoms in superfluid helium for the measurement of nuclear spins and electromagnetic moments of radioactive atoms. Hyperfine Interactions, 2015, 236, 95-100.	0.5	0
29	DIRECT MEASUREMENTS OF THE ASTROPHYSICAL (\hat{I}_{\pm}, n) AND (p, n) REACTIONS BY USING LOW-ENERGY LIGHT NEUTRON-RICH RNB. , 2004, , .		0
30	EXPLORING $^{\text{Mg}}$ ISOTOPE STRUCTURES THROUGH BETA-DELAYED DECAY OF SPIN-POLARIZED $^{\text{Na}}$ ISOTOPES. , 2012, , .		0
31	A NEW METHOD TO EXPLORE HIGH-SPIN STATES BY RI BEAM INDUCED FUSION REACTION. , 2012, , .		0
32	Study of \hat{I}_{\pm} Decays in the $^{40}\text{Ar}+^{232}\text{Th}$ Reaction Using the RIKEN Gas-Filled Separator I-General. , 1995, , .		0
33	NUCLEAR POLARIZATION IN MICROCLUSTERS IN SUPERFLUID HELIUM. , 1995, , .		0
34	Shape Coexistence ^{31}Mg Revealed by $\hat{I}^2\text{-}\hat{I}^3$ and $\hat{I}^2\text{-}n\text{-}\hat{I}^3$ Spectroscopy with Spin-Polarized ^{31}Na . , 2019, , .		0