

# Naoki Fukuda

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,604  
citations

516710

16  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	First success of RI-beam separation and particle identification for nuclei with atomic number $Z < 82$ . Mapping of a New Deformation Region Around $Z = 82$ . <i>Physics Research B</i> , 2020, 463, 237-240.	1.4	1
2	Experimental studies of the two-step scheme with an intense radioactive $^{62}\text{Ti}$ . <i>Physical Review C</i> , 2020, 102, .	7.8	23
3	Discovery of new neutron-rich Mn, Fe, Co, Ni, and Cu isotopes in the vicinity of $^{132}\text{Sn}$ . <i>Physical Review C</i> , 2020, 102, .	2.9	4
4	Identification of New Neutron-Rich Isotopes in the Rare-Earth Region Produced by $^{238}\text{U}$ . <i>Journal of the Physical Society of Japan</i> , 2018, 87, 014202.	1.6	36
5	Observation of New Neutron-rich Isotopes among Fission Fragments from In-flight Fission of $^{238}\text{U}$ : Search for New Isotopes Conducted Concurrently with Decay Measurement Campaigns. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 014203.	1.6	25
6	Discovery of $^{60}\text{Ca}$ and Implications For the Stability of $^{54}\text{Ca}$ . <i>Physical Review C</i> , 2017, 95, .	7.8	73
7	First Mass Measurements of $^{54}\text{Ca}$ . <i>Physical Review C</i> , 2017, 95, .	7.8	89
8	Observation of new neutron-rich Mn, Fe, Co, Ni, and Cu isotopes in the vicinity of $^{132}\text{Sn}$ . <i>Physical Review C</i> , 2017, 95, .	2.9	21
9	Sharaq Spectrometer: High-resolution Spectroscopy Using Exotic Beams And Reactions. , 2017, , .		2
10	Energy resolution of gas ionization chamber for high-energy heavy ions. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 016401.	1.5	42
11	Development of Parallel Plate Avalanche Counter (PPAC) for BigRIPS fragment separator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 317, 717-727.	1.4	42
12	SHARAQ spectrometer for high-resolution studies for RI-induced reactions. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 317, 305-310.	1.4	14
13	Identification and separation of radioactive isotope beams by the BigRIPS separator at the RIKEN RI Beam Factory. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 317, 323-332.	1.4	180
14	BigRIPS separator and ZeroDegree spectrometer at RIKEN RI Beam Factory. <i>Progress of Theoretical and Experimental Physics</i> , 2012, 2012, .	6.6	219
15	Identification of 45 New Neutron-Rich Isotopes Produced by In-Flight Fission of a $^{238}\text{U}$ Beam at 345 MeV/nucleon. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 073201.	1.6	160
16	Identification of New Isotopes $^{125}\text{Pd}$ and $^{126}\text{Pd}$ Produced by In-Flight Fission of $^{238}\text{U}$ : First Results from the RIKEN RI Beam Factory. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 083201.	1.6	104
17	Status and Overview of Superconducting Radioactive Isotope Beam Separator BigRIPS at RIKEN. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 1069-1077.	1.7	56
18	Delay-line PPAC for high-energy light ions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 470, 562-570.	1.6	165

#	ARTICLE	IF	CITATIONS
19	Quadrupole deformation of $^{12}\text{Be}$ studied by proton inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 481, 7-13.	4.1	187
20	Low-lying intruder $1\hat{\alpha}''$ state in $^{12}\text{Be}$ and the melting of the $N=8$ shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 491, 8-14.	4.1	161