

Yuan Liu

List of Publications by Year in descending order

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13
papers

291
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton superfluidity and charge radii in proton-rich calcium isotopes. <i>Nature Physics</i> , 2019, 15, 432-436.	16.7	88
2	Laser ion source tests at the HRIBF on stable Sn, Ge and Ni isotopes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 243, 442-452.	1.4	42
3	Charge Radii of Neutron Deficient ^{52}Fe and ^{53}Fe by Projectile Fragmentation. <i>Physical Review Letters</i> , 2016, 117, 252501.	7.8	42
4	The electron affinity of astatine. <i>Nature Communications</i> , 2020, 11, 3824.	12.8	42
5	A new concept kinetic-ejection negative-ion source for rib generation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000, 170, 515-522.	1.4	15
6	An efficient negative surface ionization source for RIB generation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 211, 425-435.	1.4	15
7	Laser photodetachment of radioactive $^{128}\text{I}^{\sim}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 104003.	3.6	13
8	Implications of the ^{36}S and ^{36}Ca High-efficiency target ion sources for radioactive ion beam generation. <i>Review of Scientific Instruments</i> , 2006, 77, 03A711.	3.6	13
9	High-efficiency target ion sources for radioactive ion beam generation. <i>Review of Scientific Instruments</i> , 2006, 77, 03A711.	1.3	9
10	Production of negatively charged radioactive ion beams. <i>New Journal of Physics</i> , 2017, 19, 085005.	2.9	6
11	A novel experimental system for the KDK measurement of the 40K decay scheme relevant for rare event searches. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1012, 165593.	1.6	4
12	A Multi-Sample Cs-Sputter Negative Ion Source for $^{7}\text{BeO}^{\sim}$ Generation. <i>AIP Conference Proceedings</i> , 2003, , .	0.4	1
13	Resonant ionization spectroscopy of autoionizing Rydberg states in cobalt and redetermination of its ionization potential. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 075002.	1.5	0