

Yuan Liu

List of Publications by Year in descending order

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13
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14
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel experimental system for the KDK measurement of the 40K decay scheme relevant for rare event searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1012, 165593.	1.6	4
2	The electron affinity of astatine. Nature Communications, 2020, 11, 3824.	12.8	42
3	Implications of the ^{36}S and ^{36}Ca α -decay $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}><\text{mml:mrow}><\text{mml:mmultiscripts}><\text{mml:mrow}><\text{mml:mi}>\text{Ca}</\text{mml:mi}><\text{mml:mn}>36</\text{mml:mn}></\text{mml:mmultiscripts}><\text{mml:mi}>\text{S}</\text{mml:mi}><\text{mml:mprescripts}></\text{mml:mprescripts}></\text{mml:mrow}></\text{mml:math}>$ and ^{36}Ca α -decay $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}><\text{mml:mrow}><\text{mml:mmultiscripts}><\text{mml:mrow}><\text{mml:mi}>\text{Ca}</\text{mml:mi}><\text{mml:mn}>36</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:mrow}></\text{mml:math}>$	3.6	13
4	Proton superfluidity and charge radii in proton-rich calcium isotopes. Nature Physics, 2019, 15, 432-436.	16.7	88
5	Resonant ionization spectroscopy of autoionizing Rydberg states in cobalt and redetermination of its ionization potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 075002.	1.5	0
6	Laser photodetachment of radioactive $^{128}\text{I}^{\sim}$. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 104003.	3.6	13
7	Production of negatively charged radioactive ion beams. New Journal of Physics, 2017, 19, 085005.	2.9	6
8	Charge Radii of Neutron Deficient ^{52}Fe and ^{53}Fe by Projectile Fragmentation. Physical Review Letters, 2016, 117, 252501.	7.8	42
9	Laser ion source tests at the HRIBF on stable Sn, Ge and Ni isotopes. Nuclear Instruments & Methods in Physics Research B, 2006, 243, 442-452.	1.4	42
10	High-efficiency target ion sources for radioactive ion beam generation. Review of Scientific Instruments, 2006, 77, 03A711.	1.3	9
11	An efficient negative surface ionization source for RIB generation. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 425-435.	1.4	15
12	A Multi-Sample Cs-Sputter Negative Ion Source for $^{7}\text{BeO}^{\sim}$ Generation. AIP Conference Proceedings, 2003, , .	0.4	1
13	A new concept kinetic-ejection negative-ion source for rib generation. Nuclear Instruments & Methods in Physics Research B, 2000, 170, 515-522.	1.4	15