

Paul Mueller

List of Publications by Year in descending order

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Version: 2024-02-01

23

papers

940

citations

840776

11

h-index

940533

16

g-index

24

all docs

24

docs citations

24

times ranked

1182

citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of coherent elastic neutrino-nucleus scattering. <i>Science</i> , 2017, 357, 1123-1126.	12.6	500
2	First Measurement of Coherent Elastic Neutrino-Nucleus Scattering on Argon. <i>Physical Review Letters</i> , 2021, 126, 012002.	7.8	117
3	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. <i>Physical Review Letters</i> , 2018, 121, 251802. Double-Magic Nature of Sn and Pb . <i>Physical Review Letters</i> , 2018, 121, 251802.	7.8	99
4	Double-Magic Nature of Sn and Pb . <i>Physical Review Letters</i> , 2018, 121, 251802.	7.8	47
5	Fission at HFIR with PROSPECT. <i>Physical Review Letters</i> , 2019, 122, 251801.	7.8	39
6	Elastic scattering and breakup of ^{17}F at 10 MeV/nucleon. <i>Physical Review C</i> , 2002, 65, .	2.9	29
7	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. <i>European Physical Journal A</i> , 2005, 25, 383-387.	2.5	19
8	Sub-barrier fusion enhancement with radioactive ^{134}Sn . <i>Physical Review C</i> , 2013, 87, .	2.9	18
9	Coulomb excitation measurements of transition strengths in the isotopes $^{132, 134}\text{Sn}$. <i>European Physical Journal A</i> , 2005, 25, 391-394.	2.5	16
10	Fusion probability for neutron-rich radioactive-Sn-induced reactions. <i>Physical Review C</i> , 2012, 85, .	2.9	13
11	Joint Determination of Reactor Antineutrino Spectra from ^{132}Sn . <i>Physical Review Letters</i> , 2022, 128, 081802.	7.8	12
12	Joint Measurement of the ^{132}Sn Antineutrino Spectrum by PROSPECT and STEREO. <i>Physical Review Letters</i> , 2022, 128, 081802.	7.8	11
13	Sub-Barrier Fusion Enhancement in Neutron-Rich Radioactive ^{132}Sn on ^{64}Ni . <i>Progress of Theoretical Physics Supplement</i> , 2004, 154, 106-112.	0.1	5
14	PROSPECT-II physics opportunities. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2022, 49, 070501.	3.6	5
15	Nonfuel antineutrino contributions in the ORNL High Flux Isotope Reactor (HFIR). <i>Physical Review C</i> , 2020, 101, .	2.9	4
16	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. <i>European Physical Journal A</i> , 2005, 25, 241-242.	2.5	3
17	Evaporation residue yields in reactions of heavy neutron-rich radioactive ion beams with ^{64}Ni and ^{96}Zr targets. <i>Nucl. Phys. A</i> , 2009, 853, 1-12.	1	1
18	NUCLEAR STRUCTURE STUDIES WITH HEAVY NEUTRON-RICH RIBS AT THE HRIBF. <i>Nucl. Phys. A</i> , 2003, 718, 21-40.	1	1

#	ARTICLE	IF	CITATIONS
19	Characterization and fabrication of target materials for RIB generation. AIP Conference Proceedings, 2001, , .	0.4	0
20	Nuclear Structure Studies With Neutron-Rich RIBS At The HRIBF. AIP Conference Proceedings, 2003, , .	0.4	0
21	Sub-barrier fusion induced by neutron-rich radioactive ^{132}Sn . European Physical Journal A, 2005, 25, 239-240.	2.5	0
22	Studies of Fusion Cross Sections of Te and Sn Isotopes with a ^{64}Ni Target at Energies Near and Below the Barrier. AIP Conference Proceedings, 2006, , .	0.4	0
23	Measurements of fusion reactions induced by radioactive ^{132}Sn on ^{64}Ni . European Physical Journal: Special Topics, 2007, 150, 35-36.	2.6	0