

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	Termination of Reactor Antineutrino Spectra from $\int_{235}^{\infty} U$ Joint Measurement of the $\int_{235}^{\infty} U$ Antineutrino Spectrum by PROSPECT and STEREO. Physical Review Letters, 2022, 128, 081802.	7.8	12
2	PROSPECT-II physics opportunities. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 070501.	3.6	5
4	First Measurement of Coherent Elastic Neutrino-Nucleus Scattering on Argon. Physical Review Letters, 2021, 126, 012002.	7.8	117
5	Nonfuel antineutrino contributions in the ORNL High Flux Isotope Reactor (HFIR). Physical Review C, 2020, 101, . Measurement of the Antineutrino Spectrum from $\int_{235}^{\infty} U$ Fission at HFIR with PROSPECT. Physical Review Letters, 2019, 122, 251801.	2.9	4
6	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. Physical Review Letters, 2018, 121, 251802.	7.8	39
7	Observation of coherent elastic neutrino-nucleus scattering. Science, 2017, 357, 1123-1126.	7.8	99
8	Double Magic Nature of $\int_{132}^{\infty} \text{Sn}$ Sub-barrier fusion enhancement with radioactive $\int_{134}^{\infty} \text{Te}$ Fusion probability for neutron-rich radioactive-Sn-induced reactions. Physical Review C, 2012, 85, .	12.6	500
9	Evaporation residue yields in reactions of heavy neutron-rich radioactive ion beams with ^{64}Ni and ^{96}Zr targets. , 2009, , .	7.8	47
10	Measurements of fusion reactions induced by radioactive ^{132}Sn on ^{64}Ni . European Physical Journal: Special Topics, 2007, 150, 35-36.	2.9	18
11	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, , .	2.9	13
12	Sub-barrier fusion induced by neutron-rich radioactive ^{132}Sn . European Physical Journal A, 2005, 25, 239-240.	2.9	0
13	Coulomb excitation measurements of transition strengths in the isotopes $^{132}, ^{134}\text{Sn}$. European Physical Journal A, 2005, 25, 391-394.	0.4	0
14	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. European Physical Journal A, 2005, 25, 241-242.	2.5	0
15	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. European Physical Journal A, 2005, 25, 383-387.	2.5	16
16	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. European Physical Journal A, 2005, 25, 241-242.	2.5	3
17	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. European Physical Journal A, 2005, 25, 383-387.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Sub-Barrier Fusion Enhancement in Neutron-Rich Radioactive ^{132}Sn on ^{64}Ni . Progress of Theoretical Physics Supplement, 2004, 154, 106-112.	0.1	5
20	Nuclear Structure Studies With Neutron-Rich RIBS At The HRIBF. AIP Conference Proceedings, 2003, , .	0.4	0
21	NUCLEAR STRUCTURE STUDIES WITH HEAVY NEUTRON-RICH RIBS AT THE HRIBF. , 2003, , .		1
22	Elastic scattering and breakup of ^{17}F at 10 MeV/nucleon. Physical Review C, 2002, 65, .	2.9	29
23	Characterization and fabrication of target materials for RIB generation. AIP Conference Proceedings, 2001, , .	0.4	0