

Mark W Paris

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

220
citations

8
h-index

14
g-index

25
ext. papers

254
ext. citations

3.7
avg, IF

3
L-index

#	Paper	IF	Citations
15	Scattering matrix pole expansions for complex wave numbers in R-matrix theory. <i>Physical Review C</i> , 2021 , 103,	2.7	2
14	Effect of collisions on neutrino flavor inhomogeneity in a dense neutrino gas. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 258-267	4.2	13
13	Lepton asymmetry, neutrino spectral distortions, and big bang nucleosynthesis. <i>Physical Review D</i> , 2017 , 95,	4.9	10
12	Spectra for the A= 6 reactions calculated from a three-body resonance model. <i>EPJ Web of Conferences</i> , 2016 , 122, 08002	0.3	1
11	Resonance model for the three-body states of the A=6 reactions. <i>EPJ Web of Conferences</i> , 2016 , 113, 03002	0.3	
10	Neutrino flavor transformation in the lepton-asymmetric universe. <i>Physical Review D</i> , 2016 , 94,	4.9	27
9	Probing neutrino physics with a self-consistent treatment of the weak decoupling, nucleosynthesis, and photon decoupling epochs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 017-017	6.4	21
8	Data Covariances from R-Matrix Analyses of Light Nuclei. <i>Nuclear Data Sheets</i> , 2015 , 123, 165-170	5.4	4
7	Covariance of Neutron Cross Sections for ¹⁶ O through R-matrix Analysis. <i>Nuclear Data Sheets</i> , 2015 , 123, 159-164	5.4	6
6	R-matrix Analysis of Reactions in the ⁹ B Compound System. <i>Nuclear Data Sheets</i> , 2014 , 120, 184-187	5.4	5
5	Toward a self-consistent and unitary reaction network for big-bang nucleosynthesis. <i>EPJ Web of Conferences</i> , 2014 , 69, 00003	0.3	1
4	Effective field theory as a limit of R-matrix theory for light nuclear reactions. <i>Physical Review C</i> , 2014 , 89,	2.7	8
3	Comment on "Well-established nucleon resonances revisited by double-polarization measurements". <i>Physical Review Letters</i> , 2013 , 110, 169101	7.4	5
2	Unified Chew-Mandelstam SAID analysis of pion photoproduction data. <i>Physical Review C</i> , 2012 , 86,	2.7	75
1	Updated SAID analysis of pion photoproduction data. <i>Physical Review C</i> , 2012 , 85,	2.7	34