

# Roy Jerome Peterson

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

314  
citations

933264

10  
h-index

839398

18  
g-index

26  
all docs

26  
docs citations

26  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling in quasifree hadron-nucleus charge-exchange reactions. Physical Review C, 2019, 100, .	1.1	0
2	How an India-Pakistan nuclear war could start and have global consequences. Bulletin of the Atomic Scientists, 2019, 75, 273-279.	0.2	10
3	Rapidly expanding nuclear arsenals in Pakistan and India portend regional and global catastrophe. Science Advances, 2019, 5, eaay5478.	4.7	43
4	Sum rules for quasifree scattering of hadrons. Physical Review C, 2018, 97, .	1.1	1
5	Power laws for nuclear observables. Physical Review C, 2018, 97, .	1.1	1
6	Relativistic quasifree scattering of hadrons. Physical Review C, 2018, 98, .	1.1	1
7	Scaling relations for hadron continuum scattering from carbon. Physical Review C, 2012, 85, .	1.1	4
8	Elastic $\hat{\pm}$ -Nucleus Scattering at 36 to 60 Mev/Nucleon. Brazilian Journal of Physics, 2011, 41, 140-145.	0.7	1
9	Nuclear Fission Induced by Pi Mesons. Journal of Nuclear and Radiochemical Sciences, 2010, 11, R1-R19.	0.7	5
10	Scaling Relations for Intermediate-Energy Proton-Nucleus Reactions with Small Energy Losses. Nuclear Science and Engineering, 2009, 161, 346-356.	0.5	2
11	<p> <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> <math display="block">S \propto C^{12}</math> </p> <p> <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> <math display="block">S \propto C^{12}</math> </p>		

#	ARTICLE	IF	CITATIONS
19	Barriers for pion-induced fission near $A = 208$ . Zeitschrift für Physik A, 1997, 359, 35-39.	0.9	12
20	Reaction and total cross sections for low energy $\pi^+$ and $\pi^-$ on isospin zero nuclei. Physical Review C, 1996, 53, 1745-1752.	1.1	34
21	Quasielastic scattering. Physical Review C, 1995, 51, 669-679.	1.1	25
22	Effective number of protons for quasifree ( $\pi^+$ , $\pi^-$ ) at 500 and 400 MeV. Physical Review C, 1993, 47, 2809-2811.	1.1	27
23	Quasifree pion scattering at 500 MeV. Physical Review C, 1993, 48, 1840-1848.	1.1	17
24	Inclusive scattering of 500-MeV pions from carbon. Physical Review Letters, 1993, 71, 1796-1799.	2.9	19
25	Isovector nuclear response in carbon. Physical Review C, 1993, 48, 1074-1082.	1.1	9
26	Isoscalar excitations of $^7\text{Li}$ . Zeitschrift für Physik A, 1985, 320, 649-654.	1.4	2