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List of Publications by Year in descending order

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97

papers

1,552

citations

257450

24

h-index

330143

37

g-index

98

all docs

98

docs citations

98

times ranked

698

citing authors

#	ARTICLE	IF	CITATIONS
1	cross sections for $\text{He} + \text{Al}$ system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 30-35.	2.9	169
2	Elastic scattering and total reaction cross section for the ${}^6\text{He} + {}^{27}\text{Al}$ system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 233-239.	4.1	102
3	Electric and nuclear transition strength in ${}^{30,32}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 81, .	2.9	66
4	Elastic scattering and total reaction cross section of $\text{He} + \text{Sn}^{120}$. Physical Review C, 2010, 81, .	2.5	59
5	Radioactive Ion beams in Brazil (RIBRAS). European Physical Journal A, 2005, 25, 733-736.	4.1	51
6	Scaling and interference in the dissociation of halo nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 640, 91-95.	4.1	47
7	Four-body effects in the coupling of the $\text{He} + \text{Al}$ system. European Physical Journal A, 2009, 35, 27-32.	2.9	41
8	Elongated "shape" isomers in the $\text{He} + \text{Al}$ system. European Physical Journal A, 2009, 35, 27-32.	7.8	37
9	Observation of the N^{11} Ground State. Physical Review Letters, 2000, 84, 4056-4059.	2.5	37
10	The Radioactive Ion Beams in Brazil (RIBRAS) facility. European Physical Journal A, 2014, 50, 1.	2.9	36
11	Direct mass measurements of proton-rich isotopes of Ge, As, Se, and Br. Physical Review C, 2002, 65, .	2.9	36
12	Experimental study of $\text{He} + \text{Be}^{9}$ elastic scattering at low energies. Physical Review C, 2011, 83, .	2.9	36
13	Elastic scattering and total reaction cross sections for the $\text{He} + \text{Al}$ system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 30-35.	2.9	32
14	Possible hyperdeformed band in the $\text{He} + \text{Al}$ system. European Physical Journal A, 2009, 35, 27-32.	2.9	32
15	Observation of the N^{11} Ground State. Physical Review Letters, 2000, 84, 4056-4059.	2.9	32
16	elastic scattering and total reaction cross sections on a $\text{He} + \text{Al}$ target. Physical Review C, 2011, 84, .	2.9	32
17	Neutron transfer reactions induced by Li^{8} on Be^{9} . Physical Review C, 2007, 75, .	2.9	31
18	Scattering at low energies. Physical Review C, 2017, 95, .	2.9	31

#	ARTICLE	IF	CITATIONS
19	Spectroscopy of the Unbound Nucleus N11 by the C12(N14,C15)N11 Transfer Reaction. Physical Review Letters, 1998, 80, 1601-1604 Comparison of Sn (normal) and Sn (prescribed)	7.8	28
20			

#	ARTICLE	IF	CITATIONS
37	Effect of the $\hat{\pi}$ -transfer reaction on the elastic scattering of C12+Mg24. Physical Review C, 1982, 26, 2487-2495.	2.9	13
38	Ion source developments for RNB production at SPIRAL/GANIL. Nuclear Physics A, 2002, 701, 476-479.	1.5	13
39	The $^8\text{Li}(p,\hat{\pi})^5\text{He}$ reaction at low energies, and ^9Be spectroscopy around the proton threshold. Physical Review C, 2012, 86, .	2.9	11
40	A simulation of the temperature distribution in the SPIRAL target. Nuclear Instruments & Methods in Physics Research B, 1998, 140, 415-425. <small>Spectroscopy of long-living resonances in Be</small> <small>xmlns:mmi='http://www.w3.org/1998/Math/MathML'><mmi:mmultiscripts><mmi:mi>Be</mmi:mi><mmi:mprescripts></small>	1.4	10
41			

#	ARTICLE	IF	CITATIONS
55	Progress in RIBRAS radioactive ion beams in Brasil project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 505, 612-615.	1.6	5
56	Coupled channels effects in heavy ion reactions. European Physical Journal A, 2021, 57, 1.	2.5	5
57	Spectroscopy of ^6Li using the $\text{^3He}(^7\text{Li}, \alpha)^6\text{Li}$ reaction. Brazilian Journal of Physics, 2004, 34, 933-935.	1.4	5
58	Exit doorway model for nuclear elastic breakup of weakly bound projectiles. Physical Review C, 2008, 77, .	2.9	4
59	The Scientific program with RIBRAS (Radioactive Ion Beams in Brasil). , 2009, , .		4
60	First experiment with the double solenoid RIBRAS system. , 2013, , .		4
61	Evidence of the effect of strong stripping channels on the dynamics of the $\text{^3He}(^7\text{Li}, \alpha)^6\text{Li}$ reaction. $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mrow}><\text{mml:mmultiscripts}><\text{mml:mi}>\text{Li}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}>/<\text{mml:mn}>8</\text{mml:mn}><\text{mml:mmultiscripts}><\text{mml:mo}>+</\text{mml:mo}><\text{mml:mmultiscripts}><\text{mml:mi}>\text{Ni}</\text{mml:mi}>^2_9\text{mml:mprescripts}>/><\text{mml:none}>/<\text{mml:mn}>58</\text{mml:mn}><\text{mml:mmultiscripts}></\text{mml:math}></\text{mml:mrow}></\text{mml:math}>$ reaction. Physical Review C, 2021, 103, .		
62	Nuclear transparency and the onset of strong absorption regime in the $^{12}\text{C}+^{24}\text{Mg}$ system. Physical Review C, 1999, 60, .	2.9	3
63	Measurement of the charge and mass deformation of $^{30,32}\text{Mg}$ by inelastic scattering on ^{208}Pb and ^{12}C . Nuclear Physics A, 2001, 682, 161-168.	1.5	3
64	Measurements of the $\text{Mg}^{25}(\text{B}^{11}, \text{C}^{12})\text{Na}^{24}$ and $\text{Mg}^{25}(\text{B}^{11}, \text{Be}^{10})\text{Al}^{26}$ proton transfer reactions. Physical Review C, 2006, 74, .	2.9	3
65	SIM-RIBRAS: A Monte-Carlo simulation package for RIBRAS system. , 2013, , .		3
66	Spin-orbit effects in the $^8\text{Li}+^{58}\text{Ni}$ elastic scattering. Journal of Physics: Conference Series, 2019, 1291, 012030.	0.4	3
67	Atomic effects in heavy-ion elastic scattering. Physical Review C, 1997, 56, 2700-2706.	2.9	2
68	Scientific program of the Radioactive Ion Beams Facility in Brasil (RIBRAS). Nuclear Physics A, 2010, 834, 491c-494c.	1.5	2
69	The Research Program at RIBRAS (Radioactive Ion Beams in Brasil)-III. AIP Conference Proceedings, 2010, , .	0.4	2
70	The Radioactive Ion Beams in Brazil (RIBRAS) Facility. Nuclear Physics News, 2013, 23, 5-11.	0.4	2
71	Cluster structures observed in ^{40}Ca from $^{12}\text{C}+^{28}\text{Si}$ scattering. Journal of Physics: Conference Series, 2013, 436, 012015.	0.4	2
72	Study of Stellar Reactions in Explosive Hydrogen Burning with CRIB. Nuclear Physics A, 2005, 758, 733-736.	1.5	1

#	ARTICLE		IF	CITATIONS
73	Elastic scattering of $[sup\ 6]He$ and $[sup\ 7]Be$ on a $[sup\ 9]Be$ target. AIP Conference Proceedings, 2010, , .	0.4	1	
74	Exotic Nuclei in South America. , 2010, , .		1	
75	Reactions with light exotic nuclei. EPJ Web of Conferences, 2014, 69, 00013.	0.3	1	
76	Experiments with a double solenoid system: Measurements of the $^6He + p$ Resonant Scattering. EPJ Web of Conferences, 2014, 66, 03054.	0.3	1	
77	Study of reactions induced by 6He on 9Be . EPJ Web of Conferences, 2014, 66, 03071.	0.3	1	
78	A cluster model for the $^{6}He + ^{9}Be$ interaction. Journal of Physics: Conference Series, 2015, 630, 012024.	0.4	1	
79	Elastic Scattering of Neutron Halo Projectiles. Few-Body Systems, 2015, 56, 767-771.	1.5	1	
80	Determination of the 6He Nuclear Radius from the Total Reaction Cross Section of $^6He + ^9Be$. Few-Body Systems, 2016, 57, 315-318. <small>New resonances in $^6He + ^9Be$</small>	1.5	1	
81	$\text{above the } \frac{1}{10}$	2.9	1	
82	Interaction radii of proton-rich radioactive nuclei at. , 1998, , .	0		
83	Temperature simulations of high power graphite targets for heavy ions. Nuclear Instruments & Methods in Physics Research B, 2001, 184, 441-449.	1.4	0	
84	Spectroscopic studies on light proton-rich nuclei. AIP Conference Proceedings, 2007, , .	0.4	0	
85	Low energy nuclear reactions with RIBRAS, Radioactive Ion Beam in Brasil, system. Journal of Physics: Conference Series, 2011, 312, 082024.	0.4	0	
86	The $[sup\ 8]Li(p,\hat{\nu})[sup\ 5]He$ Reaction Measured at Astrophysical Energies at RIBRAS. , 2011, , .	0		
87	Recent results with radioactive ion beams in Brasil (RIBRAS). , 2012, , .	0		
88	Physics with rare ion beams in Brazil. , 2012, , .	0		
89	Decoherence of quantum kinematical correlations: Elastic scattering of identical particles. Physical Review A, 2012, 86, .	2.5	0	
90	Elastic scattering measurements for $[sup\ 7]Be + [sup\ 27]Al$ system at RIBRAS facility. , 2013, , .	0		

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91	Elastic scattering and total reaction cross section for the ${}^6\text{He}+{}^{58}\text{Ni}$ system. , 2014, , .	0	0
92	Measurements of the ${}^6\text{He}+\text{p}$ resonant scattering. , 2014, , .	0	0
93	Recent results on reactions with radioactive beams at RIBRAS (Radioactive Ion Beams in Brazil). Journal of Physics: Conference Series, 2015, 590, 012012.	0.4	0
94	Recent results from RIBRAS (Radioactive Ion Beams in Brasil). Journal of Physics: Conference Series, 2019, 1291, 012004.	0.4	0
95	DIRECT APPROACH TO EXPLOSIVE HYDROGEN BURNING PROCESS WITH CRIB. , 2005, , .	0	0
96	Spectroscopy of high lying resonances in ${}^9\text{Be}$ produced with radioactive ${}^8\text{Li}$ beams. EPJ Web of Conferences, 2014, 69, 00006.	0.3	0
97	Alpha-particle production in the ${}^6\text{He}+{}^{120}\text{Sn}$ collision. Journal of Physics: Conference Series, 2020, 1643, 012093.	0.4	0