

R Wolski

List of Publications by Year in descending order

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135
papers

2,261
citations

159585

30
h-index

243625

44
g-index

137
all docs

137
docs citations

137
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
19	Study of the Near-barrier Scattering of ^8He on ^{208}Pb . Acta Physica Polonica B, 2016, 47, 841.	0.8	1
20	Publisher's Note: Comparative studies of Coulomb barrier heights for nuclear models applied to sub-barrier fusion [Phys. Rev. C90, 064603 (2014)]. Physical Review C, 2015, 91, .	2.9	0
21	New findings on structure and production of ^{10}He from ^{11}Li with the $(d, ^3\text{He})$ reaction. Physical Review C, 2015, 92, .	2.9	11
22	Publisher's Note: New findings on structure and production of ^{10}He from ^{11}Li with the $(d, ^3\text{He})$ reaction. Physical Review C, 2015, 92, .	2.9	11
23	Missing Mass Spectroscopy of ^8He and ^{10}He by $(d, ^3\text{He})$ Reaction. , 2015, , .		1
24	Comparative studies of Coulomb barrier heights for nuclear models applied to sub-barrier fusion. Physical Review C, 2014, 90, .	2.9	18
25	Near barrier scattering of ^8He on ^{208}Pb . EPJ Web of Conferences, 2014, 66, 03058.	0.3	2
26	The status of new fragment separator ACCULINNA-2 project and the first day experiments. EPJ Web of Conferences, 2014, 66, 11021.	0.3	1
27	Correlation investigations of the low-energy ^{10}He spectrum. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 355-359.	0.6	2
28	Compound nucleus aspect of sub-barrier fusion: A new energy scaling behavior. Physical Review C, 2013, 88, .	2.9	19
29	Breakup and neutron-transfer effects on $^{6}\text{He} + ^{206}\text{Pb}$ elastic scattering below the Coulomb barrier. Physical Review C, 2013, 87, .	2.9	18
30	Elastic Scattering of $^8\text{He} + ^{208}\text{Pb}$ at 22 MeV. Acta Physica Polonica B, 2013, 44, 467.	0.8	4
31	Scattering of ^8He on ^{208}Pb at 22 MeV. , 2013, , .		0
32	Title is missing!. Acta Physica Polonica B, 2012, 43, 239.	0.8	7
33	Reactions of halo nuclei at energies around the Coulomb barrier. , 2012, , .		0
34	Status of the ACCULINNA-2 project at FLNR. Journal of Physics: Conference Series, 2012, 337, 012025.	0.4	0
35	Recent results related to excited states of ^6Be and ^{10}He . EPJ Web of Conferences, 2012, 38, 15002.	0.3	0
36	New excited states in the halo nucleus ^6He . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 441-446.	4.1	38

#	ARTICLE	IF	CITATIONS
37	Study of complete and incomplete fusion for loosely bound projectiles ^6He and ^6Li on ^{165}Ho and ^{166}Er targets. Physics of Particles and Nuclei Letters, 2012, 9, 496-501.	0.4	2
38	Research program for the radioactive beams of the ACCULINNA-2 separator. Bulletin of the Russian Academy of Sciences: Physics, 2012, 76, 1172-1176.	0.6	0
39	Structure of ^{10}He Low-Lying States Uncovered by Correlations. Physical Review Letters, 2012, 108, 202502.	7.8	43
40	Isovector soft dipole mode in ^6Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 6-13.	4.1	18
41	Spectroscopy of ^{18}Na : Bridging the two-proton radioactivity of ^{19}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 198-202.	4.1	15
42	Fusion and reactions of exotic nuclei. EPJ Web of Conferences, 2011, 17, 13002.	0.3	1
43	Fusion of ^8He with ^{206}Pb around Coulomb barrier energies. EPJ Web of Conferences, 2011, 17, 16009.	0.3	3
44	Sub-barrier fusion of ^6He with ^{206}Pb . European Physical Journal A, 2011, 47, 1.	2.5	25
45	LIFETIME OF ^{26}S AND A LIMIT FOR ITS 2p DECAY ENERGY. International Journal of Modern Physics E, 2011, 20, 1491-1508.	1.0	16
46	SPECTROSCOPY OF THE UNBOUND NUCLEUS ^{18}Na . International Journal of Modern Physics E, 2011, 20, 971-975.	1.0	2
47	Sub-barrier Fusion and Breakup of Light Halo Nuclei. , 2011, , .		0
48	Investigation of the ^6He structure in quasi free scattering reactions. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 437-442.	0.6	0
49	$^6\text{He} + ^9\text{Be}$ reactions at 16.8 MeV. European Physical Journal A, 2010, 43, 153-158.	2.5	22
50	Study of the ^6He structure in the reaction of quasifree scattering $^4\text{He}(^6\text{He}, 2^1\pm)$. Nuclear Physics A, 2010, 840, 1-18.	1.5	8
51	Fragment Separator ACCULINNA-2. , 2010, , .		0
52	Global optical model potential for ^6He projectiles. Physical Review C, 2009, 79, .	2.9	1
53	Complete and Incomplete Fusion of ^6He and ^6Li Projectiles with Medium Mass Targets at Energy ~ 10 A MeV. , 2009, , .		1
54	The ^8He and ^{10}He spectra studied in the $^6\text{He} + ^{10}\text{B}$ reaction. Particle and High-Energy Physics, 2009, 672, 22-29.	0.0	0

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55	Properties of very n -rich He isotopes. European Physical Journal A, 2009, 42, 465.	2.5	8
56	Soft dipole mode in 8He. Physics of Particles and Nuclei Letters, 2009, 6, 118-125.	0.4	7
57	Quest for the 10He nucleus. European Physical Journal: Special Topics, 2008, 162, 161-164.	2.6	0
58	Spectrum of multicluster states of 44Ti nucleus in the generalized Elliott SU(3) model. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1223-1226.	0.6	0
59	Experimental study of resonance states in ^7H . $\langle \text{H} \rangle$	2.9	22
60	Unbound states studied by direct reactions. Journal of Physics: Conference Series, 2008, 111, 012031.	0.4	0
61	Spectroscopy of 9He, Quasi-free Scattering 6He+4He. AIP Conference Proceedings, 2007, , .	0.4	0
62	Search for resonances in 4n, 7H and 9He via transfer reactions. AIP Conference Proceedings, 2007, , .	0.4	10
63	Production and Characterization of the 7H Resonance. AIP Conference Proceedings, 2007, , .	0.4	0
64	First Results of a 8He+d Experiment. AIP Conference Proceedings, 2007, , .	0.4	1
65	Three-Body Correlations In 6He Revealed In The Quasi-Free Knockout Reaction 4He(6He,2 $\bar{1}\pm$)2n. AIP Conference Proceedings, 2007, , .	0.4	0
66	Imaging nuclear decays with Optical Time Projection Chamber. AIP Conference Proceedings, 2007, , .	0.4	0
67	Resonance State in ^7H . Physical Review Letters, 2007, 99, 062502.	7.8	48
68	New insight into the low-energy ^6He spectrum. Physical Review C, 2007, 76, .	2.9	37
69	Optical Time Projection Chamber for imaging nuclear decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 194-197.	1.6	38
70	MAYA: An active-target detector for binary reactions with exotic beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 341-349.	1.6	52
71	Low-lying states and structure of the exotic 8He via direct reactions on the proton. Nuclear Physics A, 2007, 788, 260-265.	1.5	21
72	Structure of exotic nuclei from direct reactions. Nuclear Physics A, 2007, 787, 423-432.	1.5	3

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#	ARTICLE	IF	CITATIONS
91	Structure of exotic ${}^7\text{He}$ and ${}^9\text{He}$. Nuclear Physics A, 2004, 746, 229-235.	1.5	5
92	Experimental study of ${}^4\text{H}$ in the reactions ${}^2\text{H}(t,p)$ and ${}^3\text{H}(t,d)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 594, 54-60.	4.1	23
93	Radioactive ion beam research made in Dubna. Nuclear Physics A, 2004, 734, 295-302.	1.5	7
94	Search for extremely neutron rich systems. Nuclear Physics A, 2004, 738, 431-435.	1.5	2
95	Search for $t+t$ clustering in ${}^6\text{He}$. Nuclear Physics A, 2004, 738, 426-430.	1.5	7
96	New Perspectives in the Studies of Resonance Scattering. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 215-222.	0.4	1
97	Resonance States of Superheavy Hydrogen Nuclei Obtained in Transfer Reactions with Exotic Beams. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 141-148.	0.4	0
98	Status of ACCULINNA beam line. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 114-118.	1.4	33
99	Tritium target for research in exotic neutron-excess nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 513, 439-447.	1.6	27
100	Resonance states of hydrogen nuclei ${}^4\text{H}$ and ${}^5\text{H}$ obtained in transfer reactions with exotic beams. Nuclear Physics A, 2003, 719, C229-C232.	1.5	24
101	New target and detection methods: active detectors. Nuclear Physics A, 2003, 722, C10-C16.	1.5	7
102	Structure of light exotic nuclei ${}^6,8\text{He}$ and ${}^{10,11}\text{C}$ from $(p,p\alpha^2)$ reactions. Nuclear Physics A, 2003, 722, C49-C54.	1.5	5
103	Elastic scattering of ${}^8\text{He}$ on ${}^4\text{He}$ and ${}^4\text{n}$ system. Nuclear Physics A, 2003, 722, C55-C60.	1.5	5
104	Resonance states of hydrogen nuclei ${}^4\text{H}$ and ${}^5\text{H}$ obtained in transfer reactions with exotic beams. Physics of Atomic Nuclei, 2003, 66, 1544-1551.	0.4	7
105	Evidences for resonance states in ${}^5\text{H}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 566, 70-75.	4.1	44
106	$T=5/2$ states in ${}^9\text{Li}$: Isobaric analog states of ${}^9\text{He}$. Physical Review C, 2003, 67, .	2.9	44
107	Investigation of $t + t$ collisions using the ACCULINNA beam line. , 2003, , 229-229.		0
108	Hydrogen-4 and Hydrogen-5 from $t+t$ and $t+d$ transfer reactions studied with a 57.5-MeV triton beam. AIP Conference Proceedings, 2002, , .	0.4	4

#	ARTICLE	IF	CITATIONS
109	24.5 AÂMeV 6He+p elastic and inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 542, 35-42.	4.1	42
110	Interaction of 8He nuclei with $\hat{1}\pm$ particles and protons at a beam energy of 26 MeV/n. Nuclear Physics A, 2002, 701, 29-34.	1.5	16
111	Superheavy hydrogen 5H and spectroscopy of 7He. Physics of Atomic Nuclei, 2002, 65, 664-668.	0.4	6
112	Sensitivity dependence of 8He+p elastic scattering on the 8He density distribution. Physics of Atomic Nuclei, 2002, 65, 736-739.	0.4	5
113	Superheavy HydrogenH5. Physical Review Letters, 2001, 87, 092501.	7.8	113
114	Spectroscopy of 7He and superheavy hydrogen isotope 5H. Physics of Atomic Nuclei, 2001, 64, 1244-1248.	0.4	15
115	Direct Reactions Involving Exotic Nuclei 8 He and 5 H. Acta Physica Hungarica A Heavy Ion Physics, 2001, 14, 395-404.	0.4	0
116	6Heinteraction with protons. Physical Review C, 2001, 64, .	2.9	38
117	Observation of an $\hat{1}\pm$ -cluster structure in ^{36}Ar . Physics of Atomic Nuclei, 2000, 63, 1518-1526.	0.4	10
118	Crossing the dripline to ^{11}N using elastic resonance scattering. Physical Review C, 2000, 62, .	2.9	56
119	Large Enhancement of the Sub-barrier Fusion Probability for a Halo Nucleus. Physical Review Letters, 2000, 84, 2342-2345.	7.8	143
120	Cluster structure of 6He studied by means of 6He + p reaction at 25 MeV/n energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 8-14.	4.1	55
121	Do excited states exist in a system of two neutrons?. JETP Letters, 1998, 67, 903-909.	1.4	1
122	Two-neutron exchange observed in the 6He+4He reaction. Search for the "di-neutron" configuration of 6He. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 251-256.	4.1	76
123	High resolution line for secondary radioactive beams at the U400M cyclotron. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 236-241.	1.4	33
124	High resolution beam line of the U400M cyclotron and a possibility of RIB accumulation and cooling in the K4 storage ring. Nuclear Physics A, 1997, 626, 567-574.	1.5	2
125	High resolution beam line of the U400M cyclotron and a possibility of RIB accumulation and cooling in the K4 storage ring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 391, 228-232.	1.6	16
126	Study of the unbound nucleus ^{11}B by elastic resonance scattering. Physical Review C, 1996, 54, R1511-R1514.	2.9	71

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127	Fission of ^{209}Bi induced by ^6He ions. Zeitschrift für Physik A, 1995, 351, 129-130.	0.9	34
128	Investigation of the elastic scattering and fission reactions induced by ^6He beam. Nuclear Physics A, 1995, 583, 791-794.	1.5	0
129	The Properties of ^{28}Si Resonances at the 31.5 MeV and 33.2 MeV Excitation Energies via the $^{24}\text{Mg}(\hat{I}_{\pm}, T_j \text{ ETQq}1 \text{ } 1.0, 784314, \text{rgBT} / \text{O} \dots)$	0.1	0
130	Study of the $^{24}\text{Mg}(\hat{I}_{\pm}, ^{12}\text{C})^{16}\text{O}$ reaction in the energy range $E_{\text{lab}} = 24.9 \text{--} 27.76 \text{ MeV}$. Nuclear Physics A, 1986, 452, 432-444.	1.5	6
131	Shadowing of sequential \hat{I}_{\pm} -emission in deep-inelastic $^{32}\text{S} + ^{93}\text{Nb}$ collisions: A new probe of fragment lifetimes. Nuclear Physics A, 1985, 437, 465-486.	1.5	13
132	Alpha emission in coincidence with fission-like fragments from $\text{Cl} + \text{Ag}$ reactions at 10 MeV/n. Zeitschrift für Physik A, 1984, 318, 179-190.	1.4	42
133	Shadowing of γ -emitting fragments observed in 313 MeV $^{32}\text{S} + ^{93}\text{Nb}$ collisions. Zeitschrift für Physik A, 1983, 310, 269-273.	1.4	22
134	Nonequilibrium \hat{I}_{\pm} -emission in deeply inelastic $^{16}\text{O} + ^{58}\text{Ni}$ collisions at 6 and 9 MeV/nucleon. Physical Review C, 1983, 27, 584-589.	2.9	30
135	Total reaction cross section and elastic scattering of 24.7 MeV alpha particles in the region of $A = 60$ nuclei. Nuclear Physics A, 1967, 106, 21-34.	1.5	14