

Ismael Martel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4739059/publications.pdf>

Version: 2024-02-01

215
papers

3,929
citations

117625

34
h-index

144013

57
g-index

217
all docs

217
docs citations

217
times ranked

2168
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonance Excitations in ^{7}Be . https://doi.org/10.1103/PhysRevLett.128.012701 . Physical Review Letters, 2022, 128, .	7.81	0.784314
2	Study of elastic and inelastic scattering of $^{7}\text{Be} + ^{12}\text{C}$ at 35 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137294.	4.1	2
3	Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The $^{9}\text{Be} + ^{4}\text{He}$ case. Nuclear Physics A, 2021, 1008, 122155.	1.5	4
4	Probing proton halo effects in the $^{8}\text{B} + ^{64}\text{Zn}$ collision around the Coulomb barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136477.	4.1	19
5	Low energy reactions of halo nuclei. EPJ Web of Conferences, 2021, 252, 04003.	0.3	0
6	Multi-neutron transfer in ^{8}He -induced reactions near the Coulomb barrier. Physical Review C, 2020, 102, .	2.9	7
7	Conceptual design of a novel and compact superconducting recoil separator for radioactive isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 164048.	1.6	1
8	$^{9}\text{Be} + p$ breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	2.9	7
9	First Exploration of Neutron Shell Structure below Lead and beyond ^{126}N . Fragmentation of Single-Particle Strength around the Doubly Magic Nucleus ^{126}N . Physical Review Letters, 2020, 124, 082507.	7.8	18
10	Fragmentation of Single-Particle Strength around the Doubly Magic Nucleus ^{126}N . Physical Review Letters, 2020, 124, 082507.	7.8	12
11	and the Position of the ^{9}Be at ^{126}N . Physical Review Letters, 2020, 124, 082507.	2.9	6
12	Halo Effects in the Low-energy Scattering of ^{15}C with Heavy Targets. Acta Physica Polonica B, 2020, 51, 731.	0.8	1
13	A clear signature of the breakup modes for ^{9}Be on a proton target at 5.6 MeV/nucleon. Journal of Physics: Conference Series, 2020, 1643, 012102.	0.4	0
14	Study of the scattering of ^{15}C at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2020, 1643, 012095.	0.4	2
15	Direct processes for the systems $^{7}\text{Be}, ^{8}\text{B} + ^{208}\text{Pb}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2020, 1643, 012096.	0.4	0
16	Study of the $(^{6}\text{Li} + p)$ and $(^{7}\text{Li} + p)$ Systems in the Continuum Discretized Coupled Channels Approach. Acta Physica Polonica B, 2020, 51, 737.	0.8	0
17	Direct scattering for the continuum $^{7}\text{Be} + p$ system. Physical Review C, 2019, 100, .	2.9	38
18	Role of target shell structure in direct reactions involving weakly bound ^{7}Li . Physical Review C, 2019, 100, .	2.9	7

#	ARTICLE	IF	CITATIONS
19	Towards the Limits of Existence of Nuclear Structure: Observation and First Spectroscopy of the Isotope K31 by Measuring Its Three-Proton Decay. Physical Review Letters, 2019, 123, 092502. Comparison of the energy dependence of near-barrier α He and α He	7.8	12
20	Coherent coupled-reaction-channels analysis of existing and new α p + α Be data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	3
21	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.3	0
22	A novel radiochemical technique for measuring very low fusion cross sections. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 179-182.	1.6	0
23	Coherent coupled-reaction-channels analysis of existing and new α p + α Be data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	7
24	A Microscopic Approach for α + 9 Be at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.8	4
25	ICH15: A Linac Accelerator for Proton Therapy and Radioisotope Production Using IH/CH Cavities. Springer Proceedings in Physics, 2019, , 217-219.	0.2	0
26	Structure of Light Nuclei Studied with 7 Li+ 6,7 Li Reactions. Springer Proceedings in Physics, 2019, , 215-216.	0.2	0
27	Spectroscopy of excited states of unbound nuclei α Ar and α Cl. Physical Review C, 2018, 97, .	2.9	8
28	Reaction Dynamics for the Systems 7 Be, 8 B + 208 Pb at Coulomb Barrier Energies. Journal of Physics: Conference Series, 2018, 1078, 012013.	0.4	0
29	Deep excursion beyond the proton dripline. I. Argon and chlorine isotope chains. Physical Review C, 2018, 98, .	2.9	17
30	Deep excursion beyond the proton dripline. II. Toward the limits of existence of nuclear structure. Physical Review C, 2018, 98, .	2.9	5
31	Interaction of 8 He with 208 Pb at near-barrier energies: 4 He and 6 He production. Physical Review C, 2018, 98, .	2.9	10
32	7 Be and 8 B reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2018, 184, 02015.	0.3	0
33	Study of resonances produced in Heavy Ion Collisions. Journal of Physics: Conference Series, 2018, 1014, 012014.	0.4	0
34	Pairing in Exotic He Isotopes. Acta Physica Polonica B, 2018, 49, 353. Influence of single-neutron stripping on near-barrier α He and α He	0.8	0
35	Coherent coupled-reaction-channels analysis of existing and new α p + α Be data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	7
36	First inverse-kinematics fission measurements in a gaseous active target. Nuclear Physics A, 2017, 958, 246-265.	1.5	5

#	ARTICLE	IF	CITATIONS
37	The ${}^7\text{Li}(d, p){}^8\text{Li}$ reaction in inverse kinematics at 5.44 MeV/u. European Physical Journal A, 2017, 53, 1.	2.5	6
38	Global description of the $\text{Li}7+p$ reaction at 5.44 MeV/u in a continuum-discretized coupled-channels approach. Physical Review C, 2017, 96, .	2.9	9
39	Elastic scattering of ${}^7\text{Li}$ on ${}^{28}\text{Si}$ at near-barrier energies. Physical Review C, 2017, 95, .	2.9	12
40	Exclusive breakup of $\text{Li}7$ incident on a proton target at 5.44 MeV. Physical Review C, 2017, 95, .	2.9	16
41	Breakup of $\text{Li}6+p$ at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	2.9	19
42	Scattering of the Halo Nucleus ${}^{11}\text{Be}$ on ${}^{197}\text{Au}$ at near-barrier energies. Physical Review C, 2017, 95, .	7.8	53
43	High precision measurement of the ${}^{19}\text{F}$ -decay half-life using real-time digital acquisition. Physical Review C, 2017, 96, .	2.9	6
44	Reaction dynamics studies for the system ${}^7\text{Be} + {}^{208}\text{Pb}$ at Coulomb barrier energies. EPJ Web of Conferences, 2017, 163, 00035.	0.3	3
45	Scattering of halo nuclei on heavy targets at energies around the Coulomb barrier: The case of ${}^{11}\text{Be}$ on ${}^{197}\text{Au}$. EPJ Web of Conferences, 2017, 163, 00045.	0.3	1
46	Study of resonances produced in light nuclei through two and multi particle correlations. Journal of Physics: Conference Series, 2017, 863, 012071.	0.4	0
47	Structure of ${}^{24}\text{Mg}$ Excited States and Their Influence on Nucleosynthesis. Acta Physica Polonica B, 2017, 48, 319.	0.8	1
48	Study of two- and multi-particle correlations in ${}^{12}\text{C}+{}^{24}\text{Mg}$ and ${}^{12}\text{C}+{}^{208}\text{Pb}$ reactions at $E=35$ A MeV. EPJ Web of Conferences, 2016, 117, 07020.	0.3	2
49	Application of neural networks to digital pulse shape analysis for an array of silicon strip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, and Detectors, 2017, 658, 287-293.	1.6	17
50	Precise measurement of near-barrier elastic scattering: Comparison with ${}^{11}\text{Be}$ on ${}^{197}\text{Au}$. Physical Review C, 2017, 95, .	2.9	16
51	Probing the cluster structure of ${}^7\text{Li}$ via elastic scattering on protons and deuterons in inverse kinematics. Physical Review C, 2016, 94, .	2.9	16
52	Probing transfer to unbound states of the ejectile with weakly bound ${}^7\text{Li}$ on ${}^{197}\text{Au}$. Physical Review C, 2016, 93, .	2.9	27
53	Production of ${}^7\text{Li}$ in the ${}^7\text{Be}+{}^8\text{B}$ reaction at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	2.9	19
54	${}^7\text{Be}$ - and ${}^8\text{B}$ -reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	0.3	4

#	ARTICLE	IF	CITATIONS
55	Studies for a 72.75 MHz Four Vanes CW-RFQ for ECOS-LINCE Project. Acta Physica Polonica B, 2016, 47, 619.	0.8	1
56	Study of the Near-barrier Scattering of ^8He on ^{208}Pb . Acta Physica Polonica B, 2016, 47, 841.	0.8	1
57	A Compact Detector for Studying Heavy Ion Reactions: GLORIA. Springer Proceedings in Physics, 2016, , 213-214.	0.2	0
58	ECOS-LINCE: A High-intensity Heavy-ion Facility for Nuclear Structure and Reactions. Acta Physica Polonica B, 2016, 47, 607.	0.8	0
59	Hospital Neutron Detection Using Diamond Detectors. Springer Proceedings in Physics, 2016, , 177-178.	0.2	0
60	Reexamination of ^6Li α -particle induced delayed three-proton decay of ^{208}Pb . Physical Review C, 2015, 91, 014607.	2.9	20
61	Observation and Spectroscopy of New Proton-Unbound Isotopes ^{208}Pb and ^{209}Bi . Physical Review C, 2015, 91, 014608.	2.9	22
62	Simultaneous analysis of the elastic scattering and breakup channel for the reaction $^{208}\text{Pb}(\alpha, p)^{211}\text{Bi}$. Physical Review C, 2015, 92, 014609.	7.8	37
63	Elastic scattering for the system $^6\text{Li}+p$ at near barrier energies with MAGNEX. , 2015, , .	2.9	30
64	Probing the qualities of diamond detectors for neutron identification at radiotherapy facilities. , 2015, , .	2.9	29
65	Elastic scattering and transfer reactions for the system $^7\text{Be} + ^{58}\text{Ni}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2015, 639, 012002.	0.4	1
66	^{11}Li structural information from inclusive break-up measurements. EPJ Web of Conferences, 2015, 88, 01003.	0.4	0
67	GLORIA: A compact detector system for studying heavy-ion reactions using radioactive beams. EPJ Web of Conferences, 2015, 88, 01011.	0.3	0
68	Evolution of single-particle strength in neutron-rich ^{71}Cu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 306-310.	4.1	17
69	Linear Tunable Analog Front-End Electronics for Silicon Charged-Particle Detectors. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 418-426.	4.7	2
70			
71			
72			

#	ARTICLE	IF	CITATIONS
73	Study of the $6\text{Li} + p \rightarrow 3\text{He} + 4\text{He}$ reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	2.5	10
74	Elastic scattering measurements for the system $7\text{Be}+28\text{Si}$ at 17.2 MeV. , 2015, , .		1
75	Characterization of light particles ($Z \leq 2$) discrimination performances by pulse shape analysis techniques with high-granularity silicon detector. European Physical Journal A, 2015, 51, 1.	2.5	18
76	Total reaction cross sections for $8\text{Li} + 90\text{Zr}$ at near-barrier energies. European Physical Journal A, 2015, 51, 1.	2.5	33
77	Reaction dynamics studies for the system $7\text{Be}+58\text{Ni}$. Journal of Physics: Conference Series, 2015, 590, 012057.	0.4	0
78	Time response of $50\mu\text{m}$ thickness single crystal diamond detectors. Diamond and Related Materials, 2015, 55, 144-148.	3.9	4
79	Important influence of single neutron stripping coupling on near-barrier $8\text{Li} + 90\text{Zr}$ quasi-elastic scattering. European Physical Journal A, 2015, 51, 1.	2.5	9
80	Improvements in data analysis obtained by large-area silicon β -E - E detector telescopes. European Physical Journal A, 2015, 51, 1.	2.5	12
81	Transfer. Breakup in the interaction of the 7Be Radioactive Ion Beam with a 58Ni target at Coulomb barrier energies. EPJ Web of Conferences, 2014, 66, 03060.	0.3	0
82	Elastic and break-up of the $1n$ -halo 11Be nucleus. EPJ Web of Conferences, 2014, 66, 03023.	0.3	3
83	Scattering of light halo nuclei on heavy target at energies around the Coulomb barrier. EPJ Web of Conferences, 2014, 66, 03086.	0.3	0
84	Reaction of the Halo Nucleus ^{11}Be on Heavy Targets at Energies Around the Coulomb Barrier. Acta Physica Polonica B, 2014, 45, 375.	0.8	5
85	Direct and Compound Nucleus Reactions for the System $^7\text{Be} + ^{58}\text{Ni}$ at Near-barrier Energies. Acta Physica Polonica B, 2014, 45, 363.	0.8	0
86	Study of ^{24}Mg resonances relevant for carbon burning nucleosynthesis. , 2014, , .		0
87	Interstrip effects influence on the particle identification of highly segmented silicon strip detector in a nuclear reaction scenario. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 44-50.	1.6	10
88	The FAZIA project in Europe: R&D phase. European Physical Journal A, 2014, 50, 1.	2.5	63
89	The Atrial Fibrillation Ablation Pilot Study: an European Survey on Methodology and results of catheter ablation for atrial fibrillation conducted by the European Heart Rhythm Association. European Heart Journal, 2014, 35, 1466-1478.	2.2	180
90	Digital pulse-shape analysis with a TRACE early silicon prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 241-246.	1.6	40

#	ARTICLE	IF	CITATIONS
91	Low power analog front-end electronics in deep submicrometer CMOS technology based on gain enhancement techniques. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 749, 90-95.	1.6	1
92	Diamond detector for alpha-particle spectrometry. Applied Radiation and Isotopes, 2014, 90, 177-180.	1.5	13
93	Low power low noise high speed tunable CMOS radiation detection system. Microelectronics Journal, 2014, 45, 1319-1326.	2.0	1
94	Low Voltage Power Efficient Tunable Shaper Circuit With Rail-To-Rail Output Range for the HYDE Detector at FAIR. IEEE Transactions on Nuclear Science, 2014, 61, 844-851.	2.0	2
95	GLORIA: A compact detector system for studying heavy ion reactions using radioactive beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 755, 69-77.	1.6	32
96	Near barrier scattering of ^8He on ^{208}Pb . EPJ Web of Conferences, 2014, 66, 03058.	0.3	2
97	Study of the break-up channel in $^{11}\text{Li} + ^{208}\text{Pb}$ collisions at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2014, 515, 012004.	0.4	0
98	Characterization of a NTD Double-Sided Silicon Strip Detector using a pulsed ion beam. , 2014, , .		1
99	Pulse shape discrimination at low energies with a double sided, small-pitch strip silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 87-90.	1.6	9
100	Effects of irradiation of energetic heavy ions on digital pulse shape analysis with silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 89-98.	1.6	13
101	High speed low power FEE for silicon detectors in nuclear physics applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 714, 155-162.	1.6	4
102	Dependency on the silicon detector working bias for proton-deuteron particle identification at low energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 714, 48-52.	1.6	11
103	$\text{Breakup on } ^{11}\text{Li}$ Breakup and neutron transfer effects on ^{11}Li Barrier.	7.8	66
104	$^6\text{He} + ^{206}\text{Pb}$ elastic scattering below the Coulomb barrier. Physical Review C, 2013, 87, .	2.9	18
105	Scattering process for the system $^7\text{Be} + ^{58}\text{Ni}$ at 23.2 MeV beam energy. Journal of Physics: Conference Series, 2013, 420, 012077.	0.4	1
106	Elastic Scattering of $^8\text{He} + ^{208}\text{Pb}$ at 22 MeV. Acta Physica Polonica B, 2013, 44, 467.	0.8	4
107	Elastic Scattering for the $^{11}\text{Be} + ^{64}\text{Zn}$ System Close to the Coulomb Barrier. Acta Physica Polonica B, 2013, 44, 463.	0.8	2
108	Particles identification by means of digital pulse shape analysis in silicon detectors. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
109	The Farcos project: Femtoscope Array for Correlations and Femtoscopy. Journal of Physics: Conference Series, 2013, 420, 012158.	0.4	18
110	States in ^{10}Be populated in $^6\text{Li}(^7\text{Li}, ^3\text{He})^{10}\text{Be}^*$ reactions at 30 and 52 MeV. Journal of Physics: Conference Series, 2013, 436, 012044.	0.4	0
111	Study of ^{24}Mg resonances relevant to carbon burning nucleosynthesis. Journal of Physics: Conference Series, 2013, 436, 012074.	0.4	0
112	Scattering of ^8He on ^{208}Pb at 22 MeV. , 2013, , .		0
113	Recent Results on Reactions with Weakly-bound Nuclei. Acta Physica Polonica B, 2013, 44, 437.	0.8	2
114	Title is missing!. Acta Physica Polonica B, 2012, 43, 233.	0.8	8
115	Title is missing!. Acta Physica Polonica B, 2012, 43, 239.	0.8	7
116	Elastic scattering and direct reactions of the $1n$ halo ^{11}Be nucleus on ^{64}Zn near the barrier. Journal of Physics: Conference Series, 2012, 381, 012050.	0.4	2
117	Reactions of halo nuclei at energies around the Coulomb barrier. , 2012, , .		0
118	Study of ^{24}Mg resonances relevant for carbon burning nucleosynthesis. , 2012, , .		0
119	Reactions induced by ^7Li beam and optimization of silicon detector telescope. , 2012, , .		1
120	Do Halo Nuclei Follow Rutherford Elastic Scattering at Energies Below the Barrier? The Case of ^{11}Li . Physical Review Letters, 2012, 109, 262701.	7.8	127
121	FARCOS: A versatile and modular Femtoscopy Array for Correlations and Spectroscopy. , 2012, , .		3
122	Experimental study of the collision $^{11}\text{Be} + ^{64}\text{Zn}$ around the Coulomb barrier. Physical Review C, 2012, 85, .	2.9	103
123	Mapping the amplitude and position response of double sided silicon strip detectors with monochromatic single protons. , 2012, , .		1
124	New states in ^{18}Na and ^{19}Mg observed in the two-proton decay of ^{19}Mg . Physical Review C, 2012, 85, .	2.9	13
125	Probing the $^{17}\text{F} + p$ potential by elastic scattering at near-barrier energies. Physical Review C, 2012, 85, .	2.9	17
126	A single-chip telescope for heavy-ion identification. European Physical Journal A, 2012, 48, 1.	2.5	6

#	ARTICLE	IF	CITATIONS
127	FARCOS, a new array for femtoscopy and correlation spectroscopy. EPJ Web of Conferences, 2012, 31, 00035.	0.3	7
128	Particle identification using the technique and pulse shape discrimination with the silicon detectors of the FAZIA project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 664, 251-263.	1.6	82
129	Implementation of a neural network for digital pulse shape analysis on a FPGA for on-line identification of heavy ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 674, 99-104.	1.6	16
130	Identification of light particles by means of pulse shape analysis with silicon detector at low energy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 676, 70-73. www.w3.org/1998/Math/MathML	1.6	27
131	\pm particle production in ^6He \rightarrow ^4He + ^2He reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 676, 70-73. www.w3.org/1998/Math/MathML	2.9	80
132	Fusion and reactions of exotic nuclei. EPJ Web of Conferences, 2011, 17, 13002.	0.3	1
133	Reactions induced by ^{11}Be beam at Rex-Isolde. EPJ Web of Conferences, 2011, 17, 13001.	0.3	0
134	Fusion of ^8He with ^{206}Pb around Coulomb barrier energies. EPJ Web of Conferences, 2011, 17, 16009.	0.3	3
135	Structure effects in the reactions $^9,^{10,^{11}}\text{Be} + ^{64}\text{Zn}$ at the Coulomb barrier. Journal of Physics: Conference Series, 2011, 267, 012012.	0.4	2
136	Scattering of ^9Li on ^{208}Pb at energies around the Coulomb barrier. EPJ Web of Conferences, 2011, 17, 16002.	0.3	5
137	Progresses in the pulse shape identification with silicon detectors within the FAZIA Collaboration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 272-278.	1.6	45
138	Sub-barrier fusion of ^6He with ^{206}Pb . European Physical Journal A, 2011, 47, 1.	2.5	25
139	Time structure of ns duration bunches with single crystal diamond detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 641, 33-36.	1.6	5
140	Elastic scattering of Beryllium isotopes near the Coulomb barrier. , 2011, , .		0
141	Systematics of reactions with ^4He and ^6He on ^{206}Pb . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 641, 33-36. www.w3.org/1998/Math/MathML	2.9	38
142	Evidence of strong effects of the ^{11}Be halo structure on reaction processes at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2011, 312, 082020.	0.4	0
143	Title is missing!. Acta Physica Polonica B, 2011, 42, 761.	0.8	9
144	Study Of The Scattering Of Halo Nuclei Around The Coulomb Barrier. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
163	Near-barrier scattering of [⁶ He] and [¹¹ Be]. AIP Conference Proceedings, 2008, , . Proton-proton correlations observed in two-proton decay of Mg	0.4	2
164	^{19}Mg and ^{19}Ne	2.9	71
165	Search for two-proton radioactivity of [¹⁹ Mg] in a tracking experiment. AIP Conference Proceedings, 2007, , .	0.4	0
166	Observation of Two-Proton Radioactivity of Mg by Tracking the Decay Products. Physical Review Letters, 2007, 99, 182501.	7.8	129
167	Detnex Project: Dispersion, Structure and Tracking of Exotic Nuclei. Nuclear Physics A, 2007, 787, 443-450.	1.5	0
168	Reactions induced by 35 MeV ⁶ He beam on ¹² C and ¹⁴ C. European Physical Journal: Special Topics, 2007, 150, 43-46.	2.6	0
169	\hat{I}^{\pm} -particle production in the scattering of ⁶ He by ²⁰⁸ Pb at energies around the Coulomb barrier. Nuclear Physics A, 2007, 792, 2-17.	1.5	45
170	Long range absorption in the scattering of ⁶ He on ²⁰⁸ Pb and ¹⁹⁷ Au at 27 MeV. Nuclear Physics A, 2006, 765, 294-306.	1.5	59
171	Is the optical model valid for the scattering of exotic nuclei?. AIP Conference Proceedings, 2005, , .	0.4	0
172	Three-body continuum-discretized coupled-channel calculations for ⁶ He scattering from heavy nuclei. Physical Review C, 2005, 72, .	2.9	54
173	Scattering of ⁶ He at energies around the Coulomb barrier. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1953-S1958.	3.6	33
174	Asymmetry in the super-allowed \hat{I}^2 -transitions of the A=9 isobars. Nuclear Physics A, 2004, 738, 206-210.	1.5	1
175	Beta-Delayed Multiparticle Emission Studies at ISOL-type Facilities. Nuclear Physics A, 2004, 746, 243-247.	1.5	1
176	Elastic scattering of the halo nucleus ⁶ He from ²⁰⁸ Pb above the Coulomb barrier. Nuclear Physics A, 2003, 728, 339-349.	1.5	86
177	Continuum discretization using orthogonal polynomials. Physical Review A, 2003, 67, .	2.5	10
178	Spectroscopy at the drip line: the case of ³¹ Ar. , 2003, , 225-225.		0
179	Continuum coupling in one-dimensional scattering using a transformed harmonic oscillator basis. Physical Review A, 2002, 65, .	2.5	8
180	Beta-delayed multi-particle emission in proton rich nuclei. AIP Conference Proceedings, 2002, , .	0.4	0

#	ARTICLE	IF	CITATIONS
181	Continuum discretization for weakly bound nuclei. European Physical Journal D, 2002, 52, C563-C570.	0.4	0
182	Proton dripline studies at ISOLDE: ^{31}Ar and ^9C . Nuclear Physics A, 2002, 701, 373-377.	1.5	5
183	Spectroscopy with ^2p and $^2\text{p} + ^{1/2}$ recoil shifts. Nuclear Physics A, 2002, 701, 394-402.	1.5	10
184	On the β -decay of ^9C . Nuclear Physics A, 2001, 692, 427-450.	1.5	36
185	Accurate masses of neutron-deficient nuclides close to ^2p . Nuclear Physics A, 2001, 693, 533-545.	1.5	97
186	Exploring the dipole polarizability of ^{11}Li at REX-ISOLDE. Nuclear Physics A, 2001, 690, 223-226.	1.5	0
187	A shell-model analysis of the proton emission from ^{31}Cl using Gamow wave functions. Nuclear Physics A, 2001, 694, 424-436.	1.5	2
188	Continuum discretization in a basis of transformed harmonic-oscillator states. Physical Review A, 2001, 63, .	2.5	29
189	Coupling to breakup channels using a transformed harmonic oscillator basis. Physical Review C, 2001, 65, .	2.9	37
190	A New Basis Set for Continuum Discretization. Few-Body Systems, 2001, , 217-224.	0.2	9
191	Application of Gamov Wavefunctions to Beta Delayed Nucleon Emission. Few-Body Systems, 2001, , 188-195.	0.2	0
192	The ^2p decay mechanism of ^9Ar . Nuclear Physics A, 2000, 677, 38-60.	1.5	79
193	Title is missing!. , 2000, 129, 237-248.		15
194	Accurate masses of unstable rare-earth isotopes by ISOLTRAP. European Physical Journal A, 2000, 8, 307-329.	2.5	139
195	Crossing the dripline to ^{11}N using elastic resonance scattering. Physical Review C, 2000, 62, .	2.9	56
196	Positron-Neutrino Correlation in the $^0 + \hat{\alpha}^+ ^0 +$ Decay of ^{32}r [Phys. Rev. Lett. 83, 1299 (1999)]. Physical Review Letters, 1999, 83, 3101-3101.	7.8	27
197	Positron-Neutrino Correlation in the $^0 + \hat{\alpha}^+ ^0 +$ Decay of ^{32}Ar . Physical Review Letters, 1999, 83, 1299-1302.	7.8	118
198	Determination of the spin of ^{31}Ar . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 194-198.	4.1	18

#	ARTICLE	IF	CITATIONS
199	High-accuracy mass determination of unstable cesium and barium isotopes. Nuclear Physics A, 1999, 651, 3-30.	1.5	77
200	^{31}Ar examined: New limit on the \hat{I}^2 -delayed three-proton branch. Physical Review C, 1999, 59, 2275-2277.	2.9	23
201	Beta decay asymmetry in mirror nuclei: $A=9$.. , 1999, , .		2
202	Two-proton emission in the decay of ^{31}Ar . Nuclear Physics A, 1998, 628, 345-362.	1.5	27
203	Two-proton decay of the isobaric analogue state of ^{31}Ar . Nuclear Physics A, 1998, 630, 394-401.	1.5	8
204	Beta decay of ^{31}Ar . Nuclear Physics A, 1998, 634, 475-496.	1.5	40
205	Effects of the electric dipole polarizability in the scattering of polarized ^7Li from ^{208}Pb at 27 MeV. Nuclear Physics A, 1998, 641, 188-202.	1.5	15
206	Analysis of proton transfer in polarized ^7Li scattering by ^{208}Pb at 33 MeV. Nuclear Physics A, 1998, 628, 203-220.	1.5	5
207	Visualizing. , 1998, , .		0
208	Is there a $\hat{I}^2 3p$ branch in the decay of. , 1998, , .		0
209	The mechanism of \hat{I}^2 -delayed two-proton emission in. , 1998, , .		0
210	Direct mass measurements of unstable rare earth isotopes with the ISOLTRAP mass spectrometer. Nuclear Physics A, 1997, 626, 343-352.	1.5	35
211	Double-folding model analysis of the threshold anomaly in the scattering of polarized ^7Li from ^{208}Pb . Nuclear Physics A, 1996, 605, 417-431.	1.5	19
212	Fine structure in the beta-delayed proton decay of ^{33}Ar . Nuclear Physics A, 1996, 611, 47-55.	1.5	10
213	Study of the unbound nucleus $N11$ by elastic resonance scattering. Physical Review C, 1996, 54, R1511-R1514.	2.9	71
214	Study of the threshold anomaly in the scattering of polarized ^7Li from ^{208}Pb . Nuclear Physics A, 1995, 582, 357-368.	1.5	27
215	Reorientation and coupling effects in polarized heavy ion fusion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 218-222.	4.1	2