Agnieszka TrzciÅ„ska

List of Publications by Year
in descending order

85 papers	1,361 citations	430874 18 h-index	345221 36 g-index
85 all docs	85 docs citations	85 times ranked	1025 citing authors

#	Article	IF	Citations
1	Asymptotic normalization coefficient for $${}^{12}mathrm{C}}+pightarrow {}^{13}mathrm{N}}$$ from the $${}^{12}{mathrm{C}}({}^{10}mathrm{B},{}^{9}{mathrm{Be}}){}^{13}mathrm{N}$$ reaction and the $${}^{12}mathrm{C}(p,gamma){}^{13}mathrm{N}$$ astrophysical S factor. European Physical Journal A, 2022, 58, 1.	2.5	6
2	Li6+N15 interaction at Ec.m.=23.1ÂMeV : Validation of the Î±+d cluster model of Li6. Physical Review C, 2021, 103, .	2.9	2
3	Systematic reduction of the proton-removal cross section in neutron-rich medium-mass nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135962.	4.1	9
4	Calcium targets for production of the medical Sc radioisotopes in reactions with p, d or Î± projectiles. EPJ Web of Conferences, 2020, 229, 06004.	0.3	0
5	Be9+p breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	2.9	7
6	Study of Elastic Scattering of (^{10}{mathrm {B}}) Ions on (^{12}{mathrm {C}}) Nuclei at the Energy of 17.5 MeV. Acta Physica Polonica B, 2020, 51, 757.	0.8	1
7	Investigation of the Production of the Auger Electron Emitter (^{135}{mathrm {La}}) Using Medical Cyclotrons. Acta Physica Polonica B, 2020, 51, 861.	0.8	1
8	Barrier distributions of the Mg24+Zr90,92 systems: Influence of energy dissipation. Physical Review C, 2020, 102, .	2.9	2
9	Dissipation and tunneling in heavy-ion reactions near the Coulomb barrier. Physical Review C, 2019, 100, .	2.9	9
10	12C(15N, 14C)13N reaction at 81 MeV. Competition between one and two particle transfers. Nuclear Physics A, 2019, 992, 121638.	1.5	1
11	Measurement and analysis of 10B +12C elastic scattering at energy of 41.3MeV. International Journal of Modern Physics E, 2019, 28, 1950028.	1.0	5
12	Neutron-rich fragments produced by in-flight fission of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mn>238</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 99, .	2.9	9
13	Mechanism of the 11B($alpha$Î±,t)12C reaction at an energy of 40 MeV, role of exchange processes and collective excitations. European Physical Journal A, 2019, 55, 1.	2.5	4
14	Coherent coupled-reaction-channels analysis of existing and new <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> + <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>9</mml:mn></mml:mmultiscripts></mml:math> data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	7
15	Elastic and Inelastic Scattering of ^{15}N Ions by ^{12}C at 81 MeV and the Effect of Transfer Channels. Acta Physica Polonica B, 2019, 50, 753.	0.8	4
16	Study of the ^{7}Li(d, t)^{6}Li Reaction at the Energy of 14.5 MeV. Acta Physica Polonica B, 2019, 50, 703.	0.8	0
17	7Li(15N, 14C)8Be reaction at 81 MeV and 14C + 8Be interaction versus that of 13C + 8Be. Nuclear Physics A, 2018, 971, 138-148.	1.5	2
18	Scattering of Î±-particles by 11B nuclei at an energy of 40MeV and role of the exchange mechanism with transfer of 7Li. International Journal of Modern Physics E, 2018, 27, 1850094.	1.0	1

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19	Production of Sc medical radioisotopes with proton and deuteron beams. Applied Radiation and Isotopes, 2018, 142, 104-112.	1.5	28
20	Targets for production of the medical radioisotopes with alpha and proton or deuteron beams. AIP Conference Proceedings, 2018, , .	0.4	5
21	Transfer Cross Sections at Near-barrier Energy for the ^{24}Mg + ^{90,92}Zr Systems. Acta Physica Polonica B, 2018, 49, 387.	0.8	3
22	Influence of Single Particle Excitations on Barrier Distributions: ^{24}Mg+^{90,92}Zr. Acta Physica Polonica B, 2018, 49, 393.	0.8	2
23	Scattering of ^{15}N Ions by $^{10, 11}$B Nuclei at the Energy of 43 MeV. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 99.	0.1	3
24	Production efficiency and radioisotopic purity of 99mTc formed using the (p,2n) reaction on a highly enriched 100Mo target. Modern Physics Letters A, 2017, 32, 1740012.	1.2	1
25	Elastic and inelastic scattering of 15N ions by 7Li at 81 MeV versus that of 14N ions by 7Li at 80 and 110 MeV. Nuclear Physics A, 2017, 958, 234-245.	1.5	4
26	Complex analysis of scattering 1p-shell nuclei in the framework of coupled channel method. Journal of Physics: Conference Series, 2016, 703, 012022.	0.4	1
27	Elastic and inelastic scattering of 15N ions by 9Be at 84 MeV. Nuclear Physics A, 2016, 947, 161-172.	1.5	3
28	Silver impregnated nanoparticles of titanium dioxide as carriers for ²¹¹At. Radiochimica Acta, 2016, 104, 267-275.	1.2	10
29	Production of medical Sc radioisotopes with an alpha particle beam. Applied Radiation and Isotopes, 2016, 118, 182-189.	1.5	56
30	Examination of the influence of transfer channels on the barrier height distribution: Scattering of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts></mml:math>on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mspace width="	2.9	2
31	Indirect Study of the16O+16O Fusion Reaction Toward Stellar Energies by the Trojan Horse Method. EPJ Web of Conferences, 2016, 117, 09013.	0.3	2
32	Quasielastic barrier distributions for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>58</mml:mn><mml:mo>,</mml:mo><mml:mn>60</mml:mn><mml:mo>,</mml:mo><mml:mn>61</mml:mn>	2.9	11
33	Cyclotron production of 43Sc for PET imaging. EJNMMI Physics, 2015, 2, 33.	2.7	41
34	Extending software repository hosting to code review and testing. Journal of Physics: Conference Series, 2015, 664, 062018.	0.4	3
35	Mechanism of the ^{7}Li(d,t)^{6}Li Reaction at 25 MeV Energy of Deuterons, Values of Spectroscopic Factors and Asymptotic Normalization Coefficients for the ^{7}Li $ightarrow $ ^{6}Li + n Vertex. Acta Physica Polonica B, 2015, 46, 1037.	0.8	8
36	Medical Radioisotopes Produced Using the Alpha Particle Beam from the Warsaw Heavy Ion Cyclotron. Acta Physica Polonica A, 2015, 127, 1471-1474.	0.5	13

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37	Elastic and inelastic scattering of 14N ions by 11B at 88 MeV versus that of 15N + 11B at 84 MeV. Nuclear Physics A, 2015, 941, 167-178.	1.5	4
38	Total reaction cross sections for 8Li + 90Zr at near-barrier energies. European Physical Journal A, 2015, 51, 1.	2.5	33
39	Important influence of single neutron stripping coupling on near-barrier 8Li + 90Zr quasi-elastic scattering. European Physical Journal A, 2015, 51, 1.	2.5	9
40	Barrier Height Distributions --- the Influence of Weak Channels. Acta Physica Polonica B, 2014, 45, 383.	0.8	1
41	The Channel Coupling and Triton Cluster Exchange Effects in ^{3}He Scattering on ^{6}Li Nuclei. Acta Physica Polonica B, 2014, 45, 1853.	0.8	1
42	Self-service for software development projects and HPC activities. Journal of Physics: Conference Series, 2014, 513, 052012.	0.4	2
43	BACKWARD ANGLE STRUCTURE IN THE ²⁰Ne+²⁸Si QUASIELASTIC SCATTERING. International Journal of Modern Physics E, 2013, 22, 1350073.	1.0	5
44	Publisher's Note: Smoothing of structure in the fusion and quasielastic barrier distributions for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>20</mml:mn></mml:msup></mml:math>Ne+<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>208</mml:mn></mml:msup></mml:math>Pb system [Phys. Rev. C85, 054608 (2012)]. Ph	2.9	0
45	Weak channels in backscattering of20Ne onnatNi,118Sn, and208Pb. Physical Review C, 2012, 85, .	2.9	8
46	Smoothing of structure in the fusion and quasielastic barrier distributions for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn mathvariant="bold">20</mml:mn></mml:mrow></mml:msup></mml:math>Ne<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>208</mml:mn></mml:msup></mml:math>Pb system	2.9	23
47	Probing the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>20</mml:mn></mml:msup></mml:math>Ne on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mi>nat</mml:mi></mml:msup></mml:math>Ni,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mi	2.9	0
48	Probing the17F+ppotential by elastic scattering at near-barrier energies. Physical Review C, 2012, 85, .	2.9	17
49	Barrier height distributions â€“ the inï¬‚uence of weak channels. EPJ Web of Conferences, 2011, 17, 05006.	0.3	2
50	Production of neutron-rich nuclei in fragmentation reactions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mi mathvariant="normal">Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>132</mml:mn></mml:mmultiscripts></mml:math> projectiles at relativistic energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 552-556.	4.1	28
51	Nuclear deformation of [sup 20]Ne from [sup 20]Ne(105â€‰MeV)+[sup 208]Pb scattering. AIP Conference Proceedings, 2010, , .	0.4	0
52	Investigating the radial distributions of medium-mass nuclei. Nuclear Physics A, 2010, 834, 467c-469c.	1.5	0
53	NEW DETECTOR SYSTEM FOR SUPER HEAVY ELEMENTS DETECTION. International Journal of Modern Physics E, 2010, 19, 672-677.	1.0	1
54	Production of medium-mass neutron-rich nuclei in [sup 238]U fission. , 2009, , .		1

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55	Effects of weakly coupled channels on quasielastic barrier distributions. Physical Review C, 2009, 80, .	2.9	33
56	Nuclear periphery studied with antiprotonic atoms. Hyperfine Interactions, 2009, 194, 271-276.	0.5	1
57	Exploring Nuclear Radii from Total Interaction Cross Sections of Medium Mass Nuclei. , 2009, , .		0
58	Nuclear periphery studied with antiprotonic atoms. , 2009, , 619-624.		0
59	Nuclear surface studies with antiprotonic atom x rays. Physical Review C, 2007, 76, .	2.9	20
60	Neutron density distributions from antiprotonic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>208</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Bi</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>209</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	119
61	Neutron skin deduced from antiprotonic atom data. Physical Review C, 2007, 76, .	2.9	80
62	Antiprotonic atoms â€" a tool for the investigation of the nuclear periphery. AIP Conference Proceedings, 2005, , .	0.4	1
63	Difference of the root-mean-square sizes of neutron and proton distributions in nuclei: Comparison of theory with data. Physical Review C, 2005, 71, .	2.9	23
64	Strong interaction andE2effect in even-Aantiprotonic Te atoms. Physical Review C, 2004, 69, .	2.9	9
65	NEUTRON DENSITY DISTRIBUTIONS FROM ANTIPROTONIC ATOMS COMPARED WITH HADRON SCATTERING DATA. International Journal of Modern Physics E, 2004, 13, 343-351.	1.0	81
66	Information on the nuclear periphery deduced from the properties of heavy antiprotonic atoms. Nuclear Instruments & Methods in Physics Research B, 2004, 214, 157-159.	1.4	4
67	A low energy storage ring for partly stripped radioactive ions. Nuclear Physics A, 2004, 746, 384-388.	1.5	1
68	The LSO/APD array as a possible detector for in-beam PET in hadron therapy. IEEE Transactions on Nuclear Science, 2004, 51, 1389-1394.	2.0	10
69	Nucleon density in the nuclear periphery determined with antiprotonic x rays: Cadmium and tin isotopes. Physical Review C, 2003, 67, .	2.9	18
70	Gold fragmentation induced by stopped antiprotons. Physical Review C, 2002, 66, .	2.9	7
71	Study of the Nuclear Periphery with Antiprotons. Acta Physica Hungarica A Heavy Ion Physics, 2001, 13, 51-60.	0.4	1
72	Neutron Density Distributions Deduced from Antiprotonic Atoms. Physical Review Letters, 2001, 87, 082501.	7.8	319

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73	Information on antiprotonic atoms and the nuclear periphery from the PS209 experiment. Nuclear Physics A, 2001, 692, 176-181.	1.5	37
74	Nucleon density in the nuclear periphery determined with antiprotonic x rays: Calcium isotopes. Physical Review C, 2001, 65, .	2.9	10
75	Composition of the nuclear periphery from antiproton absorption using short-lived residual nuclei. Physical Review C, 1999, 60, .	2.9	32
76	Antiprotonic atoms as a tool to study the nuclear periphery. Nuclear Physics A, 1999, 655, c289-c294.	1.5	0
77	Unified analytical approximation of Gaussian and Voigtian lineshapes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 431, 548-550.	1.6	3
78	Nuclear interactions of antiprotons: theory. Nuclear Physics A, 1999, 655, c257-c262.	1.5	2
79	Title is missing!. , 1999, 118, 67-72.		3
80	Composition of the nuclear periphery from antiproton absorption. Physical Review C, 1998, 57, 2962-2973.	2.9	49
81	Nucleon density of172Yband176Ybat the nuclear periphery determined with antiprotonic x rays. Physical Review C, 1998, 58, 3195-3204.	2.9	21
82	Antiprotonic investigation of the nuclear periphery. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 108-113.	0.4	8
83	Calculations and measurements of 154Eu and 155Eu in â€˜fuel-likeâ€™ hot particles from Chernobyl fallout. Journal of Environmental Radioactivity, 1995, 26, 83-97.	1.7	9
84	Nuclear Physics with Antiprotons. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1995, 50, 1077-1082.	1.5	0
85	Neutron Halo in Heavy Nuclei from Antiproton Absorption. Physical Review Letters, 1994, 73, 3199-3202.	7.8	59