

Krzysztof Pomorski

List of Publications by Year in descending order

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179
papers

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181
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181
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181
times ranked

1108
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear shell structure at very high angular momentum. Nuclear Physics A, 1976, 268, 205-256.	1.5	504
2	Nuclear liquid-drop model and surface-curvature effects. Physical Review C, 2003, 67, .	2.9	358
3	Description of structure and properties of superheavy nuclei. Progress in Particle and Nuclear Physics, 2007, 58, 292-349.	14.4	325
4	Self-consistent calculations of fission barriers in the Fm region. Physical Review C, 2002, 66, .	2.9	138
5	Theory of Nuclear Fission. Lecture Notes in Physics, 2012, , .	0.7	137
6	A dynamic analysis of spontaneous-fission half-lives. Nuclear Physics A, 1981, 361, 83-101.	1.5	133
7	Spontaneous-fission half-lives for even nuclei with $Z \geq 92$. Physical Review C, 1976, 13, 229-239.	2.9	119
8	On Systematics of Spontaneous Fission Half-lives. Acta Physica Polonica B, 2015, 46, 423.	0.8	91
9	Half-lives for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and cluster radioactivity within a Gamow-like model. Physical Review C, 2013, 87, .	2.9	88
10	Simple formula for nuclear charge radius. Zeitschrift für Physik A, 1994, 348, 169-172.	0.9	77
11	Light-particle emission from the fissioning nuclei ^{126}Ba , ^{188}Pt and $^{266,272,278}\text{110}$: theoretical predictions and experimental results. Nuclear Physics A, 2000, 679, 25-53.	1.5	71
12	Microscopic dynamic calculations of collective states in xenon and barium isotopes. Nuclear Physics A, 1977, 292, 66-87.	1.5	69
13	The mass parameters for the average mean-field potential. Nuclear Physics A, 1985, 442, 26-49.	1.5	69
14	Evaporation of light particles from a hot, deformed and rotating nucleus. Nuclear Physics A, 1996, 605, 87-119.	1.5	68
15	Collective quadrupole excitations in the $50 < Z, N < 82$ nuclei with the general Bohr Hamiltonian. Nuclear Physics A, 1999, 648, 181-202.	1.5	67
16	Experimental and theoretical investigations of quadrupole collective degrees of freedom in ^{104}Ru . Nuclear Physics A, 2006, 766, 25-51.	1.5	67
17	Fission barriers in a macroscopic-microscopic model. Physical Review C, 2007, 75, .	2.9	62
18	The moment of inertia and the energy gap of fission isomers. Nuclear Physics A, 1973, 202, 274-288.	1.5	58

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19	Optimal shapes and fission barriers of nuclei within the liquid drop model. <i>Physical Review C</i> , 2009, 79, .	2.9	54
20	A quantum parity-conserving study on octupole deformation in the light-actinide region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 201, 409-414.	4.1	50
21	Influence of the pairing vibrations on spontaneous fission probability. <i>Nuclear Physics A</i> , 1989, 504, 589-604.	1.5	50
22	Mean-field description of fusion barriers with Skyrme's interaction. <i>Nuclear Physics A</i> , 2003, 729, 713-725.	1.5	50
23	A more detailed calculation of particle evaporation and fission of compound nuclei. <i>Nuclear Physics A</i> , 1991, 529, 522-564.	1.5	48
24	Proton emission half-lives within a Gamow-like model. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	46
25	On the stable octupole deformation of nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1981, 105, 95-98.	4.1	44
26	Properties of nuclei at the third-minimum deformation. <i>Nuclear Physics A</i> , 1987, 473, 77-110.	1.5	44
27	Evidence for the Jacobi shape transition in hot ⁴⁶ Ti. <i>Nuclear Physics A</i> , 2004, 731, 319-326.	1.5	40
28	The neutron halo in heavy nuclei calculated with the Gogny force. <i>European Physical Journal A</i> , 2000, 8, 19-29.	2.5	39
29	Particle number conserving shell-correction method. <i>Physical Review C</i> , 2004, 70, .	2.9	38
30	Stability of Bubble Nuclei through Shell Effects. <i>Physical Review Letters</i> , 1998, 80, 37-40.	7.8	34
31	Ground state moments of inertia of deformed nuclei around barium. <i>Nuclear Physics A</i> , 1973, 205, 433-453.	1.5	33
32	Collective pairing Hamiltonian in the GCM approximation. <i>Nuclear Physics A</i> , 1985, 442, 50-67.	1.5	33
33	Restoring of broken symmetries in the generator-coordinate method. <i>Nuclear Physics A</i> , 1986, 451, 1-10.	1.5	33
34	Hyperdeformed and megadeformed nuclei. <i>European Physical Journal A</i> , 2003, 20, 15-29.	2.5	33
35	FISSION DYNAMICS IN THE FOUR-DIMENSIONAL DEFORMATION SPACE. <i>International Journal of Modern Physics E</i> , 2006, 15, 417-425.	1.0	33
36	The low-lying quadrupole collective excitations of Ru and Pd isotopes. <i>Nuclear Physics A</i> , 1999, 653, 71-87.	1.5	32

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37	Ground state properties of the \hat{I}^2 stable nuclei in various mean field theories. Nuclear Physics A, 1997, 624, 349-369.	1.5	31
38	Microscopic inertial functions for nuclei in the barium region. Nuclear Physics A, 1976, 274, 151-167.	1.5	26
39	Mean-field calculations of proton and neutron distributions in Sr, Xe and Ba isotopes. Journal of Physics G: Nuclear and Particle Physics, 1995, 21, 657-668.	3.6	26
40	Nuclear dissipation with residual interactions studied by means of the Mori formalism. Zeitschrift für Physik A, 1981, 299, 231-239.	1.4	25
41	Effect of Differences in Proton and Neutron Density Distributions on Fission Barriers. Physical Review Letters, 2000, 85, 30-33.	7.8	25
42	Study of the inertial functions for rare-earth nuclei. Nuclear Physics A, 1977, 283, 394-412.	1.5	24
43	Isospin dependence of proton and neutron radii within relativistic mean field theory. Nuclear Physics A, 1998, 635, 484-494.	1.5	22
44	FISSION BARRIERS WITHIN THE LIQUID DROP MODEL WITH THE SURFACE-CURVATURE TERM. International Journal of Modern Physics E, 2004, 13, 107-112.	1.0	22
45	Performance of the Fourier shape parametrization for the fission process. Physical Review C, 2017, 95, .	2.9	22
46	Coupling of the pairing vibrations with the fission mode. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 227-230.	4.1	20
47	Multipole moments of rare-earth nuclei in the generator coordinate method. Nuclear Physics A, 1987, 462, 252-268.	1.5	20
48	Solving the eigenvalue problem of the nuclear Yukawa-folded mean-field Hamiltonian. Computer Physics Communications, 2016, 199, 118-132.	7.5	20
49	Isospin dependence of nuclear radius. Zeitschrift für Physik A, 1993, 344, 359-361.	0.9	19
50	Nuclear level densities within the relativistic mean-field theory. Physical Review C, 2002, 66, .	2.9	19
51	Shell energy and the level-density parameter of hot nuclei. Physical Review C, 2006, 74, .	2.9	19
52	Equilibrium properties of fast-rotating headed nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 76, 543-546.	4.1	18
53	Stability of superheavy nuclei. Physical Review C, 2018, 97, .	2.9	18
54	Mean square radii of nuclei calculated with the Woods-Saxon potential. Physical Review C, 1995, 51, 601-605.	2.9	17

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55	On the shell structure of nuclear bubbles. Nuclear Physics A, 1997, 627, 175-221.	1.5	17
56	PAIRING AS A COLLECTIVE MODE. International Journal of Modern Physics E, 2007, 16, 237-248.	1.0	17
57	Mass yields of fission fragments of Pt to Ra isotopes. Physical Review C, 2020, 101, .	2.9	17
58	Dependence of the friction tensor on angular momentum and temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 164-168.	4.1	16
59	Phenomenological model of fission barriers of hot rotating nuclei. Zeitschrift für Physik A, 1996, 354, 59-65.	0.9	16
60	Coupling of nuclear shape oscillations with pairing vibrations. Nuclear Physics A, 1993, 554, 413-420.	1.5	15
61	Analysis of nuclear fission properties with the Langevin approach in Fourier shape parametrization. Physical Review C, 2021, 103, .	2.9	15
62	On the dynamics of fission as a dissipative process. Journal De Physique, 1981, 42, 381-390.	1.8	15
63	Coupled octupole and quadrupole vibrations of nuclei around radium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 231-234.	4.1	14
64	Gauss-Hermite approximation formula. Computer Physics Communications, 2006, 174, 181-186.	7.5	14
65	PAIRING CORRELATIONS AND FISSION BARRIER HEIGHTS. International Journal of Modern Physics E, 2009, 18, 900-906.	1.0	14
66	Mean square radii and quadrupole moments of even-even isotopes with $38 \leq Z \leq 60$, $N \leq 74$. Nuclear Physics A, 1993, 562, 180-190.	1.3	13
67	ON THE AVERAGE PAIRING ENERGY IN NUCLEI. International Journal of Modern Physics E, 2007, 16, 328-336.	1.0	13
68	SADDLE-POINT MASSES OF EVEN-EVEN ACTINIDE NUCLEI. International Journal of Modern Physics E, 2007, 16, 459-473.	1.0	13
69	Rotational states and masses of heavy and superheavy nuclei. Physical Review C, 2011, 84, .	2.9	13
70	Universal, Low-dimensional Shape Parametrization of Fissioning Nuclei. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 667.	0.1	13
71	MICROSCOPIC STRUCTURE OF THE BIMODAL FISSION OF ^{258}Fm . International Journal of Modern Physics E, 2004, 13, 169-174.	1.0	12
72	Multimodal fission of ^{252}Cf in the Gogny HFB model. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1555-S1558.	3.6	12

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73	Mass distribution of fission fragments within the Born-Oppenheimer approximation. European Physical Journal A, 2017, 53, 1.	2.5	12
74	High spin behavior of nuclei with proton number $40 \leq Z \leq 60$. Zeitschrift für Physik A, 1977, 283, 383-389.	1.4	11
75	Equilibrium deformations for the Ra-Th region of nuclei. Nuclear Physics A, 1983, 405, 252-262.	1.5	11
76	Neutron halos in heavy nuclei-relativistic mean field approach. Zeitschrift für Physik A, 1997, 357, 33-38.	0.9	11
77	THE FISSION OF ^{252}Cf FROM A MEAN FIELD PERSPECTIVE. International Journal of Modern Physics E, 2005, 14, 403-408.	1.0	11
78	Particle emission from a hot, deformed, and rotating nucleus. Zeitschrift für Physik A, 1995, 351, 397-404.	0.9	10
79	δ -pairing forces and collective pairing vibrations. European Physical Journal A, 2004, 20, 413-418.	2.5	10
80	NUCLEAR LEVEL DENSITY AT FINITE TEMPERATURES. International Journal of Modern Physics E, 2006, 15, 478-483.	1.0	10
81	PAIRING ENERGY OBTAINED BY FOLDING IN THE NUCLEON NUMBER SPACE. International Journal of Modern Physics E, 2006, 15, 471-477.	1.0	10
82	Half-lives for α and cluster radioactivity in a simple model. Physica Scripta, 2013, T154, 014029.	2.5	10
83	Fission fragment mass and total kinetic energy distributions of spontaneously fissioning plutonium isotopes. EPJ Web of Conferences, 2018, 169, 00016.	0.3	10
84	On the stability of superheavy nuclei. European Physical Journal A, 2022, 58, 1.	2.5	10
85	The dynamical effects in the ground state of nuclei. Zeitschrift für Physik A, 1983, 309, 341-347.	1.4	9
86	Giant vibration of fission fragments and concomitant electromagnetic radiation. Zeitschrift für Physik A, 1991, 339, 155-170.	0.9	9
87	Fission fragment mass yields of Th to Rf even-even nuclei *. Chinese Physics C, 2021, 45, 054109.	3.7	9
88	Potential energy surfaces and fission fragment mass yields of even-even superheavy nuclei *. Chinese Physics C, 2021, 45, 124108.	3.7	9
89	THE PARTICLE CONSERVING SHELL CORRECTION METHOD AND THE NUCLEAR ZERO-POINT MOTION. International Journal of Modern Physics E, 2005, 14, 499-503.	1.0	8
90	NUCLEAR LEVEL DENSITY PARAMETER WITH YUKAWA FOLDED POTENTIAL. International Journal of Modern Physics E, 2007, 16, 566-569.	1.0	8

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91	Fission-barrier heights in some newest liquid-drop models. <i>Physica Scripta</i> , 2013, T154, 014023.	2.5	8
92	On spontaneous fission and α -decay half-lives of atomic nuclei. <i>Physica Scripta</i> , 2015, 90, 114013.	2.5	8
93	Electromagnetic emission from damped vibrations of fission fragments. <i>Zeitschrift für Physik A</i> , 1993, 345, 311-319.	0.9	7
94	Heavy-ion collisions within dissipative dynamics. <i>Nuclear Physics A</i> , 1994, 572, 153-170.	1.5	7
95	ROLE OF THE ZERO-POINT CORRECTIONS IN FISSION DYNAMICS. <i>International Journal of Modern Physics E</i> , 2008, 17, 245-252.	1.0	7
96	Possible existence of field-induced Josephson junctions. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 1805-1813.	1.5	7
97	Transport model studies on the fast fission of the target-like fragments in heavy ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134808.	4.1	7
98	Symmetry energy effect on emissions of light particles in coincidence with fast fission. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135865.	4.1	7
99	Calculations of low-lying collective excitation energies in ^{168}Yb at high angular momenta. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1978, 79, 347-350.	4.1	6
100	What can we learn about the fission process from the spectrum of α -induced fission neutrons. <i>Nuclear Physics A</i> , 1989, 502, 523-530.	1.5	6
101	Collective friction coefficients in the relaxation time approximation. <i>Physical Review C</i> , 1996, 53, 1861-1867.	2.9	6
102	Liquid drop model with different neutron versus proton deformations. <i>Physical Review C</i> , 2002, 65, .	2.9	6
103	Shell structure of cesium layer covering the C fullerene core. <i>European Physical Journal D</i> , 2002, 21, 311-314.	1.3	6
104	TEMPERATURE DEPENDENCE OF THE NUCLEAR ENERGY IN RELATIVISTIC MEAN-FIELD THEORY. <i>International Journal of Modern Physics E</i> , 2005, 14, 505-511.	1.0	6
105	INFLUENCE OF DIFFERENT PROTON AND NEUTRON DEFORMATIONS ON NUCLEAR ENERGIES. <i>International Journal of Modern Physics E</i> , 2005, 14, 457-461.	1.0	6
106	ON POINCARÉ INSTABILITY OF ROTATING STARS AND NUCLEI. <i>International Journal of Modern Physics E</i> , 2010, 19, 601-610.	1.0	6
107	Fission paths in Fm region calculated with the Gogny forces. <i>Physics of Atomic Nuclei</i> , 2003, 66, 1178-1181.	0.4	5
108	JACOBI BIFURCATION IN HOT ROTATING NUCLEI WITH A LSD + YUKAWA FOLDED APPROACH. <i>International Journal of Modern Physics E</i> , 2009, 18, 986-995.	1.0	5

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109	ROTATIONAL BANDS IN HEAVY AND SUPERHEAVY NUCLEI WITHIN THE LUBLIN STRASBOURG DROP + YUKAWA FOLDED MODEL. International Journal of Modern Physics E, 2010, 19, 699-704.	1.0	5
110	Title is missing!. Acta Physica Polonica B, 2011, 42, 105.	0.8	5
111	The potential energy surface of ^{240}Pu around scission. Physica Scripta, 2014, 89, 054003.	2.5	5
112	Transport coefficients in the Fourier shape parametrization. Computer Physics Communications, 2019, 241, 139-145.	7.5	5
113	Reconstruction of fission events in heavy ion reactions with the compact spectrometer for heavy ion experiment. Nuclear Science and Techniques/Hewuli, 2022, 33, 1.	3.4	5
114	Derivation of a proximity interaction between nuclei from the Hartree-Fock functional with Skyrme interactions. Zeitschrift für Physik A, 1980, 295, 355-364.	1.4	4
115	Search for the Jacobi shape transition in light nuclei. European Physical Journal A, 2003, 20, 165-166.	2.5	4
116	ON CHARGED INSULATED METALLIC CLUSTERS. International Journal of Modern Physics E, 2004, 13, 1-8.	1.0	4
117	TEMPERATURE DEPENDENCE OF NUCLEAR STRUCTURE IN THE RELATIVISTIC MEAN-FIELD THEORY WITH A NEW PARAMETER SET. International Journal of Modern Physics E, 2004, 13, 1147-1155.	1.0	4
118	Influence of different proton and neutron deformations on fission barriers. Physica Scripta, 2006, T125, 188-189.	2.5	4
119	THE FISSION BARRIERS OF HEAVY AND EXOTIC NUCLEI. International Journal of Modern Physics E, 2010, 19, 514-520.	1.0	4
120	ROTATIONAL STATES IN HEAVIEST ISOTOPES. International Journal of Modern Physics E, 2011, 20, 539-545.	1.0	4
121	DYNAMICAL COUPLING OF ROTATION WITH THE PAIRING FIELD IN HEAVY NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250050.	1.0	4
122	THE SHAPE TRANSITIONS IN ROTATING NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250032.	1.0	4
123	On the Poincaré instability of a rotating liquid drop. Physica Scripta, 2013, T154, 014021.	2.5	4
124	Rotational bands in well deformed heavy nuclei. Physica Scripta, 2014, 89, 054004.	2.5	4
125	On possible shape isomers in the Pt-Ra region of nuclei. European Physical Journal A, 2017, 53, 1.	2.5	4
126	Fourier expansion of deformed nuclear shapes expressed as the deviation from a spheroid. Physica Scripta, 2017, 92, 064006.	2.5	4

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127	Fission Fragments Mass Distribution of ^{236}U . Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 659.	0.1	4
128	Influence of the quadrupole pairing interaction on the spontaneous fission lifetime of heavy nuclei. Nuclear Physics A, 1980, 345, 134-140.	1.5	3
129	Coupling of the rotational motion with the axial vibrations of multipolarity 2 and 4. Zeitschrift für Physik A, 1984, 316, 345-350.	1.4	3
130	Neutron energy distributions in the dynamical competition between evaporation and fission. Zeitschrift für Physik A, Atomic Nuclei, 1988, 329, 497-502.	0.3	3
131	On charged mesoscopic metallic bubbles. European Physical Journal D, 1998, 4, 353-364.	1.3	3
132	Collective Quadrupole Excitations in Transitional Nuclei. Physica Scripta, 2000, T88, 111.	2.5	3
133	IMPORTANCE OF MASS ASYMMETRY AND NONAXIALITY FOR THE DESCRIPTION OF FISSION BARRIERS. International Journal of Modern Physics E, 2006, 15, 432-436.	1.0	3
134	PREDICTIONS OF NUCLEAR MASSES IN DIFFERENT MODELS. International Journal of Modern Physics E, 2007, 16, 474-482.	1.0	3
135	SIMPLE TOOL TO SEARCH QUASI-MAGIC STRUCTURES IN DEFORMED NUCLEI. International Journal of Modern Physics E, 2009, 18, 1099-1103.	1.0	3
136	Low-energy fission within the Lublin-Strasbourg drop and Yukawa folded model. Physica Scripta, 2014, 89, 054031.	2.5	3
137	Potential energy surfaces of Polonium isotopes. Physica Scripta, 2015, 90, 114010.	2.5	3
138	Remarks on the nuclear shell-correction method. European Physical Journal A, 2016, 52, 1.	2.5	3
139	On the Possibility to Observe New Shape Isomers in the Po-Th Region. Acta Physica Polonica B, 2016, 47, 943.	0.8	3
140	New estimates for the parameters of the modified oscillator potential of the rare earth nuclei. Zeitschrift für Physik A, 1980, 295, 299-301.	1.4	2
141	New estimate of the pairing coupling constant. Zeitschrift für Physik A, Atomic Nuclei, 1989, 332, 259-262.	0.3	2
142	Collective potential and mass parameters derived from the generator coordinate method. Zeitschrift für Physik A, 1991, 339, 11-14.	0.9	2
143	Collective states of transitional nuclei. Physics of Atomic Nuclei, 2001, 64, 1005-1010.	0.4	2
144	MEAN-FIELD DESCRIPTION OF HEAVY-ION COLLISIONS. International Journal of Modern Physics E, 2004, 13, 309-313.	1.0	2

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145	SHELL AND PAIRING ENERGIES OBTAINED BY FOLDING IN THE PARTICLE NUMBER SPACE. International Journal of Modern Physics E, 2005, 14, 485-492.	1.0	2
146	ON ELECTRONIC SHELLS SURROUNDING CHARGED INSULATED METALLIC CLUSTERS. International Journal of Nanoscience, 2005, 04, 1-30.	0.7	2
147	Shell and pairing energies obtained by folding in space. Physica Scripta, 2006, T125, 21-25.	2.5	2
148	JACOBI SHAPE TRANSITIONS WITHIN THE LSD MODEL AND THE SKYRME-ETF APPROACH. International Journal of Modern Physics E, 2008, 17, 100-109.	1.0	2
149	REMARKS ON THE NUCLEAR SHELL-CORRECTION METHOD. International Journal of Modern Physics E, 2009, 18, 123-130.	1.0	2
150	MICROSCOPIC ENERGY CORRECTIONS AT THE SCISSION CONFIGURATION. International Journal of Modern Physics E, 2011, 20, 316-324.	1.0	2
151	Title is missing!. Acta Physica Polonica B, 2011, 42, 455.	0.8	2
152	LIGHT-PARTICLE EMISSION FROM FISSIONING HOT ROTATING NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250023.	1.0	2
153	Fission properties of Po isotopes in different macroscopic-microscopic models. Physica Scripta, 2015, 90, 114004.	2.5	2
154	On Jacobi and Poincar'e Shape Transitions in Rotating Nuclei. Acta Physica Polonica B, 2017, 48, 541.	0.8	2
155	Potential Energy Surfaces of Mercury up to Uranium Isotopes in the 4D Fourier Shape Parametrisation. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 173.	0.1	2
156	New modified oscillator potential for nuclei in the actinide region. Zeitschrift für Physik A, 1979, 291, 175-178.	1.4	1
157	INVESTIGATIONS ON THE BREAKING OF LEFT-RIGHT SYMMETRY IN LIGHT NUCLEI - THE POINCARÉ INSTABILITY. International Journal of Modern Physics E, 2011, 20, 333-340.	1.0	1
158	Potential energy landscapes of Th isotopes within the Lublin Strasbourg drop + Yukawa-folded model. Physica Scripta, 2013, T154, 014026.	2.5	1
159	Alpha Decay Half-lives for Super-heavy Nuclei Within a Gamow-like Model. Acta Physica Polonica B, 2014, 45, 303.	0.8	1
160	Half-lives of heavy nuclei within simple phenomenological models. Physica Scripta, 2014, 89, 054015.	2.5	1
161	β^2 decay of ^{252}Cf in the transition from the exit point to scission. Physical Review C, 2015, 91, .	2.9	1
162	On Microscopic Energy Corrections Around Scission Configuration. Physics Procedia, 2015, 64, 4-18.	1.2	1

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163	The mass parameters for the average mean-field potential. Nuclear Physics A, 1985, 442, 26-49.	1.5	1
164	Energy Landscapes at Finite Angular Momentum Within the Fourier Shape Parametrization. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 17.	0.1	1
165	Fragment Mass Distributions in Low-energy Fission of ^{236}Pu . Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 183.	0.1	1
166	Potential–Energy Surfaces of Heavy and Super-heavy Nuclei. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 137.	0.1	1
167	Potential Energy Surfaces of Thorium Isotopes in the 4D Fourier Parametrisation. Acta Physica Polonica B, 2017, 48, 451.	0.8	1
168	Shape isomers in Pt, Hg and Pb isotopes with ^{126}N . European Physical Journal A, 2020, 56, 1.	2.5	1
169	Fission barrier heights and lifetimes for heavy and superheavy nuclei. , 2009, , .		0
170	Back Cover: Possible existence of field–induced Josephson junctions (Phys. Status Solidi B 9/2012). Physica Status Solidi (B): Basic Research, 2012, 249, .	1.5	0
171	Masses and rotational energies of the heaviest nuclei. Physica Scripta, 2013, T154, 014028.	2.5	0
172	Estimates of the light-particle transmission coefficients from hot, deformed and rotating nuclei. Physica Scripta, 2013, T154, 014030.	2.5	0
173	About the existence of a Poincaré transition in rotating nuclei. Physica Scripta, 2013, T154, 014022.	2.5	0
174	Nuclear mass parameters and moments of inertia in a folded-Yukawa mean-field approach. Computer Physics Communications, 2019, 237, 253-262.	7.5	0
175	Nuclear Fission Within the Lublin–Strasbourg Drop Model. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 1129.	0.1	0
176	Structure and Properties of Super-heavy Nuclei in the Work of Adam Sobiczewski and His Collaborators. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 671.	0.1	0
177	Transport Coefficients Within a Fourier Shape Parametrization. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 537.	0.1	0
178	Rotational Bands in Super-heavy Nuclei Within the LSD+YF Model. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 665.	0.1	0
179	On the Properties of Super-heavy Even–Even Nuclei Around ^{294}Og . Acta Physica Polonica B, 2019, 50, 535.	0.8	0