

Krzysztof Pomorski

List of Publications by Year in descending order

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181
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times ranked

1108
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of fission events in heavy ion reactions with the compact spectrometer for heavy ion experiment. Nuclear Science and Techniques/Hewuli, 2022, 33, 1.	1.3	5
2	On the stability of superheavy nuclei. European Physical Journal A, 2022, 58, 1.	1.0	10
3	Analysis of nuclear fission properties with the Langevin approach in Fourier shape parametrization. Physical Review C, 2021, 103, .	1.1	15
4	Fission fragment mass yields of Th to Rf even-even nuclei *. Chinese Physics C, 2021, 45, 054109.	1.5	9
5	Potential energy surfaces and fission fragment mass yields of even-even superheavy nuclei *. Chinese Physics C, 2021, 45, 124108.	1.5	9
6	Symmetry energy effect on emissions of light particles in coincidence with fast fission. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135865.	1.5	7
7	Mass yields of fission fragments of Pt to Ra isotopes. Physical Review C, 2020, 101, .	1.1	17
8	Shape isomers in Pt, Hg and Pb isotopes with $\{N\} \leq 126$. European Physical Journal A, 2020, 56, 1.	1.0	1
9	Transport model studies on the fast fission of the target-like fragments in heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134808.	1.5	7
10	Transport coefficients in the Fourier shape parametrization. Computer Physics Communications, 2019, 241, 139-145.	3.0	5
11	Nuclear mass parameters and moments of inertia in a folded-Yukawa mean-field approach. Computer Physics Communications, 2019, 237, 253-262.	3.0	0
12	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.	0.0	0
13	Transport Coefficients Within a Fourier Shape Parametrization. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 537.	0.0	0
14	Rotational Bands in Super-heavy Nuclei Within the LSD+YF Model. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 665.	0.0	0
15	On the Properties of Super-heavy Even-Even Nuclei Around ^{294}Og . Acta Physica Polonica B, 2019, 50, 535.	0.3	0
16	Stability of superheavy nuclei. Physical Review C, 2018, 97, .	1.1	18
17	Fission fragment mass and total kinetic energy distributions of spontaneously fissioning plutonium isotopes. EPJ Web of Conferences, 2018, 169, 00016.	0.1	10
18	Potential-Energy Surfaces of Heavy and Super-heavy Nuclei. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 137.	0.0	1

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19	On possible shape isomers in the Pt-Ra region of nuclei. European Physical Journal A, 2017, 53, 1.	1.0	4
20	Fourier expansion of deformed nuclear shapes expressed as the deviation from a spheroid. Physica Scripta, 2017, 92, 064006.	1.2	4
21	Performance of the Fourier shape parametrization for the fission process. Physical Review C, 2017, 95, .	1.1	22
22	Mass distribution of fission fragments within the Born-Oppenheimer approximation. European Physical Journal A, 2017, 53, 1.	1.0	12
23	On Jacobi and Poincar'e Shape Transitions in Rotating Nuclei. Acta Physica Polonica B, 2017, 48, 541.	0.3	2
24	Energy Landscapes at Finite Angular Momentum Within the Fourier Shape Parametrization. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 17.	0.0	1
25	Potential Energy Surfaces of Mercury up to Uranium Isotopes in the 4D Fourier Shape Parametrisation. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 173.	0.0	2
26	Fragment Mass Distributions in Low-energy Fission of ^{236}Pu . Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 183.	0.0	1
27	Potential Energy Surfaces of Thorium Isotopes in the 4D Fourier Parametrisation. Acta Physica Polonica B, 2017, 48, 451.	0.3	1
28	Proton emission half-lives within a Gamow-like model. European Physical Journal A, 2016, 52, 1.	1.0	46
29	Remarks on the nuclear shell-correction method. European Physical Journal A, 2016, 52, 1.	1.0	3
30	Solving the eigenvalue problem of the nuclear Yukawa-folded mean-field Hamiltonian. Computer Physics Communications, 2016, 199, 118-132.	3.0	20
31	On the Possibility to Observe New Shape Isomers in the Po-Th Region. Acta Physica Polonica B, 2016, 47, 943.	0.3	3
32	\hat{I}^2 decay of ^{252}Cf in the transition from the exit point to scission. Physical Review C, 2015, 91, .	1.1	1
33	Potential energy surfaces of Polonium isotopes. Physica Scripta, 2015, 90, 114010.	1.2	3
34	On spontaneous fission and \hat{I}^2 -decay half-lives of atomic nuclei. Physica Scripta, 2015, 90, 114013.	1.2	8
35	On Microscopic Energy Corrections Around Scission Configuration. Physics Procedia, 2015, 64, 4-18.	1.2	1
36	On Systematics of Spontaneous Fission Half-lives. Acta Physica Polonica B, 2015, 46, 423.	0.3	91

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37	Fission properties of Po isotopes in different macroscopic–microscopic models. Physica Scripta, 2015, 90, 114004.	1.2	2
38	Fission Fragments Mass Distribution of ^{236}U . Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 659.	0.0	4
39	Universal, Low-dimensional Shape Parametrization of Fissioning Nuclei. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 667.	0.0	13
40	Alpha Decay Half-lives for Super-heavy Nuclei Within a Gamow-like Model. Acta Physica Polonica B, 2014, 45, 303.	0.3	1
41	The potential energy surface of ^{240}Pu around scission. Physica Scripta, 2014, 89, 054003.	1.2	5
42	Half-lives of heavy nuclei within simple phenomenological models. Physica Scripta, 2014, 89, 054015.	1.2	1
43	Low-energy fission within the Lublin–Strasbourg drop and Yukawa folded model. Physica Scripta, 2014, 89, 054031.	1.2	3
44	Rotational bands in well deformed heavy nuclei. Physica Scripta, 2014, 89, 054004.	1.2	4
45	Potential energy landscapes of Th isotopes within the Lublin Strasbourg drop + Yukawa-folded model. Physica Scripta, 2013, T154, 014026.	1.2	1
46	Masses and rotational energies of the heaviest nuclei. Physica Scripta, 2013, T154, 014028.	1.2	0
47	Half-lives for $\langle i \rangle \hat{I} \pm \langle /i \rangle$ and cluster radioactivity in a simple model. Physica Scripta, 2013, T154, 014029.	1.2	10
48	Estimates of the light-particle transmission coefficients from hot, deformed and rotating nuclei. Physica Scripta, 2013, T154, 014030.	1.2	0
49	About the existence of a Poincaré transition in rotating nuclei. Physica Scripta, 2013, T154, 014022.	1.2	0
50	On the Poincaré instability of a rotating liquid drop. Physica Scripta, 2013, T154, 014021.	1.2	4
51	Fission-barrier heights in some newest liquid-drop models. Physica Scripta, 2013, T154, 014023.	1.2	8
52	Half-lives for $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mi \rangle \hat{I} \pm \langle /mml:mi \rangle \langle /mml:math \rangle$ and cluster radioactivity within a Gamow-like model. Physical Review C, 2013, 87, .	1.1	88
53	Nuclear Fission Within the Lublin–Strasbourg Drop Model. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 1129.	0.0	0
54	DYNAMICAL COUPLING OF ROTATION WITH THE PAIRING FIELD IN HEAVY NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250050.	0.4	4

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55	THE SHAPE TRANSITIONS IN ROTATING NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250032.	0.4	4
56	LIGHT-PARTICLE EMISSION FROM FISSIONING HOT ROTATING NUCLEI. International Journal of Modern Physics E, 2012, 21, 1250023.	0.4	2
57	Back Cover: Possible existence of field-induced Josephson junctions (Phys. Status Solidi B 9/2012). Physica Status Solidi (B): Basic Research, 2012, 249, .	0.7	0
58	Theory of Nuclear Fission. Lecture Notes in Physics, 2012, , .	0.3	137
59	Possible existence of field-induced Josephson junctions. Physica Status Solidi (B): Basic Research, 2012, 249, 1805-1813.	0.7	7
60	Rotational states and masses of heavy and superheavy nuclei. Physical Review C, 2011, 84, .	1.1	13
61	ROTATIONAL STATES IN HEAVIEST ISOTOPES. International Journal of Modern Physics E, 2011, 20, 539-545.	0.4	4
62	MICROSCOPIC ENERGY CORRECTIONS AT THE SCISSION CONFIGURATION. International Journal of Modern Physics E, 2011, 20, 316-324.	0.4	2
63	INVESTIGATIONS ON THE BREAKING OF LEFT-RIGHT SYMMETRY IN LIGHT NUCLEI –THE POINCARÉ INSTABILITY. International Journal of Modern Physics E, 2011, 20, 333-340.	0.4	1
64	Title is missing!. Acta Physica Polonica B, 2011, 42, 105.	0.3	5
65	Title is missing!. Acta Physica Polonica B, 2011, 42, 455.	0.3	2
66	ON POINCARÉ INSTABILITY OF ROTATING STARS AND NUCLEI. International Journal of Modern Physics E, 2010, 19, 601-610.	0.4	6
67	THE FISSION BARRIERS OF HEAVY AND EXOTIC NUCLEI. International Journal of Modern Physics E, 2010, 19, 514-520.	0.4	4
68	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.	0.4	5
69	Fission barrier heights and lifetimes for heavy and superheavy nuclei. , 2009, , .		0
70	PAIRING CORRELATIONS AND FISSION BARRIER HEIGHTS. International Journal of Modern Physics E, 2009, 18, 900-906.	0.4	14
71	SIMPLE TOOL TO SEARCH QUASI-MAGIC STRUCTURES IN DEFORMED NUCLEI. International Journal of Modern Physics E, 2009, 18, 1099-1103.	0.4	3
72	JACOBI BIFURCATION IN HOT ROTATING NUCLEI WITH A LSD + YUKAWA FOLDED APPROACH. International Journal of Modern Physics E, 2009, 18, 986-995.	0.4	5

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73	REMARKS ON THE NUCLEAR SHELL-CORRECTION METHOD. International Journal of Modern Physics E, 2009, 18, 123-130.	0.4	2
74	Optimal shapes and fission barriers of nuclei within the liquid drop model. Physical Review C, 2009, 79, .	1.1	54
75	ROLE OF THE ZERO-POINT CORRECTIONS IN FISSION DYNAMICS. International Journal of Modern Physics E, 2008, 17, 245-252.	0.4	7
76	JACOBI SHAPE TRANSITIONS WITHIN THE LSD MODEL AND THE SKYRME-ETF APPROACH. International Journal of Modern Physics E, 2008, 17, 100-109.	0.4	2
77	ON THE AVERAGE PAIRING ENERGY IN NUCLEI. International Journal of Modern Physics E, 2007, 16, 328-336.	0.4	13
78	NUCLEAR LEVEL DENSITY PARAMETER WITH YUKAWA FOLDED POTENTIAL. International Journal of Modern Physics E, 2007, 16, 566-569.	0.4	8
79	PAIRING AS A COLLECTIVE MODE. International Journal of Modern Physics E, 2007, 16, 237-248.	0.4	17
80	PREDICTIONS OF NUCLEAR MASSES IN DIFFERENT MODELS. International Journal of Modern Physics E, 2007, 16, 474-482.	0.4	3
81	SADDLE-POINT MASSES OF EVEN-EVEN ACTINIDE NUCLEI. International Journal of Modern Physics E, 2007, 16, 459-473.	0.4	13
82	Fission barriers in a macroscopic-microscopic model. Physical Review C, 2007, 75, .	1.1	62
83	Description of structure and properties of superheavy nuclei. Progress in Particle and Nuclear Physics, 2007, 58, 292-349.	5.6	325
84	Shell and pairing energies obtained by folding in space. Physica Scripta, 2006, T125, 21-25.	1.2	2
85	Influence of different proton and neutron deformations on fission barriers. Physica Scripta, 2006, T125, 188-189.	1.2	4
86	Gaussâ€™Hermite approximation formula. Computer Physics Communications, 2006, 174, 181-186.	3.0	14
87	Experimental and theoretical investigations of quadrupole collective degrees of freedom in ^{104}Ru . Nuclear Physics A, 2006, 766, 25-51.	0.6	67
88	Shell energy and the level-density parameter of hot nuclei. Physical Review C, 2006, 74, .	1.1	19
89	IMPORTANCE OF MASS ASYMMETRY AND NONAXIALITY FOR THE DESCRIPTION OF FISSION BARRIERS. International Journal of Modern Physics E, 2006, 15, 432-436.	0.4	3
90	NUCLEAR LEVEL DENSITY AT FINITE TEMPERATURES. International Journal of Modern Physics E, 2006, 15, 478-483.	0.4	10

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91	FISSION DYNAMICS IN THE FOUR-DIMENSIONAL DEFORMATION SPACE. International Journal of Modern Physics E, 2006, 15, 417-425.	0.4	33
92	PAIRING ENERGY OBTAINED BY FOLDING IN THE NUCLEON NUMBER SPACE. International Journal of Modern Physics E, 2006, 15, 471-477.	0.4	10
93	SHELL AND PAIRING ENERGIES OBTAINED BY FOLDING IN THE PARTICLE NUMBER SPACE. International Journal of Modern Physics E, 2005, 14, 485-492.	0.4	2
94	ON ELECTRONIC SHELLS SURROUNDING CHARGED INSULATED METALLIC CLUSTERS. International Journal of Nanoscience, 2005, 04, 1-30.	0.4	2
95	TEMPERATURE DEPENDENCE OF THE NUCLEAR ENERGY IN RELATIVISTIC MEAN-FIELD THEORY. International Journal of Modern Physics E, 2005, 14, 505-511.	0.4	6
96	THE FISSION OF ^{252}Cf FROM A MEAN FIELD PERSPECTIVE. International Journal of Modern Physics E, 2005, 14, 403-408.	0.4	11
97	THE PARTICLE CONSERVING SHELL CORRECTION METHOD AND THE NUCLEAR ZERO-POINT MOTION. International Journal of Modern Physics E, 2005, 14, 499-503.	0.4	8
98	INFLUENCE OF DIFFERENT PROTON AND NEUTRON DEFORMATIONS ON NUCLEAR ENERGIES. International Journal of Modern Physics E, 2005, 14, 457-461.	0.4	6
99	Multimodal fission of ^{252}Cf in the Gogny HFB model. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1555-S1558.	1.4	12
100	Particle number conserving shell-correction method. Physical Review C, 2004, 70, .	1.1	38
101	MEAN-FIELD DESCRIPTION OF HEAVY-ION COLLISIONS. International Journal of Modern Physics E, 2004, 13, 309-313.	0.4	2
102	ON CHARGED INSULATED METALLIC CLUSTERS. International Journal of Modern Physics E, 2004, 13, 1-8.	0.4	4
103	MICROSCOPIC STRUCTURE OF THE BIMODAL FISSION OF ^{258}Fm . International Journal of Modern Physics E, 2004, 13, 169-174.	0.4	12
104	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.	0.4	4
105	δ -pairing forces and collective pairing vibrations. European Physical Journal A, 2004, 20, 413-418.	1.0	10
106	FISSION BARRIERS WITHIN THE LIQUID DROP MODEL WITH THE SURFACE-CURVATURE TERM. International Journal of Modern Physics E, 2004, 13, 107-112.	0.4	22
107	Evidence for the Jacobi shape transition in hot ^{46}Ti . Nuclear Physics A, 2004, 731, 319-326.	0.6	40
108	Hyperdeformed and megadeformed nuclei. European Physical Journal A, 2003, 20, 15-29.	1.0	33

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109	Search for the Jacobi shape transition in light nuclei. European Physical Journal A, 2003, 20, 165-166.	1.0	4
110	Mean-field description of fusion barriers with Skyrme's interaction. Nuclear Physics A, 2003, 729, 713-725.	0.6	50
111	Fission paths in Fm region calculated with the Gogny forces. Physics of Atomic Nuclei, 2003, 66, 1178-1181.	0.1	5
112	Nuclear liquid-drop model and surface-curvature effects. Physical Review C, 2003, 67, .	1.1	358
113	Self-consistent calculations of fission barriers in the Fm region. Physical Review C, 2002, 66, .	1.1	138
114	Nuclear level densities within the relativistic mean-field theory. Physical Review C, 2002, 66, .	1.1	19
115	Liquid drop model with different neutron versus proton deformations. Physical Review C, 2002, 65, .	1.1	6
116	Shell structure of cesium layer covering the C fullerene core. European Physical Journal D, 2002, 21, 311-314.	0.6	6
117	Collective states of transitional nuclei. Physics of Atomic Nuclei, 2001, 64, 1005-1010.	0.1	2
118	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.	0.6	71
119	The neutron halo in heavy nuclei calculated with the Gogny force. European Physical Journal A, 2000, 8, 19-29.	1.0	39
120	Collective Quadrupole Excitations in Transitional Nuclei. Physica Scripta, 2000, T88, 111.	1.2	3
121	Effect of Differences in Proton and Neutron Density Distributions on Fission Barriers. Physical Review Letters, 2000, 85, 30-33.	2.9	25
122	Collective quadrupole excitations in the $50 < Z, N < 82$ nuclei with the general Bohr Hamiltonian. Nuclear Physics A, 1999, 648, 181-202.	0.6	67
123	The low-lying quadrupole collective excitations of Ru and Pd isotopes. Nuclear Physics A, 1999, 653, 71-87.	0.6	32
124	Isospin dependence of proton and neutron radii within relativistic mean field theory. Nuclear Physics A, 1998, 635, 484-494.	0.6	22
125	On charged mesoscopic metallic bubbles. European Physical Journal D, 1998, 4, 353-364.	0.6	3
126	Stability of Bubble Nuclei through Shell Effects. Physical Review Letters, 1998, 80, 37-40.	2.9	34

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127	On the shell structure of nuclear bubbles. Nuclear Physics A, 1997, 627, 175-221.	0.6	17
128	Neutron halos in heavy nuclei-relativistic mean field approach. Zeitschrift für Physik A, 1997, 357, 33-38.	0.9	11
129	Ground state properties of the \hat{I}^2 stable nuclei in various mean field theories. Nuclear Physics A, 1997, 624, 349-369.	0.6	31
130	Phenomenological model of fission barriers of hot rotating nuclei. Zeitschrift für Physik A, 1996, 354, 59-65.	0.9	16
131	Evaporation of light particles from a hot, deformed and rotating nucleus. Nuclear Physics A, 1996, 605, 87-119.	0.6	68
132	Collective friction coefficients in the relaxation time approximation. Physical Review C, 1996, 53, 1861-1867.	1.1	6
133	Particle emission from a hot, deformed, and rotating nucleus. Zeitschrift für Physik A, 1995, 351, 397-404.	0.9	10
134	Mean square radii of nuclei calculated with the Woods-Saxon potential. Physical Review C, 1995, 51, 601-605.	1.1	17
135	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.	1.4	26
136	Simple formula for nuclear charge radius. Zeitschrift für Physik A, 1994, 348, 169-172.	0.9	77
137	Heavy-ion collisions within dissipative dynamics. Nuclear Physics A, 1994, 572, 153-170.	0.6	7
138	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.	0.6	13
139	Coupling of nuclear shape oscillations with pairing vibrations. Nuclear Physics A, 1993, 554, 413-420.	0.6	15
140	Electromagnetic emission from damped vibrations of fission fragments. Zeitschrift für Physik A, 1993, 345, 311-319.	0.9	7
141	Isospin dependence of nuclear radius. Zeitschrift für Physik A, 1993, 344, 359-361.	0.9	19
142	A more detailed calculation of particle evaporation and fission of compound nuclei. Nuclear Physics A, 1991, 529, 522-564.	0.6	48
143	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.	1.5	16
144	Collective potential and mass parameters derived from the generator coordinate method. Zeitschrift für Physik A, 1991, 339, 11-14.	0.9	2

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145	Giant vibration of fission fragments and concomitant electromagnetic radiation. Zeitschrift für Physik A, 1991, 339, 155-170.	0.9	9
146	New estimate of the pairing coupling constant. Zeitschrift für Physik A, Atomic Nuclei, 1989, 332, 259-262.	0.3	2
147	Influence of the pairing vibrations on spontaneous fission probability. Nuclear Physics A, 1989, 504, 589-604.	0.6	50
148	What can we learn about the fission process from the spectrum of $\bar{\nu}$ pre-fission $\bar{\nu}$ neutrons. Nuclear Physics A, 1989, 502, 523-530.	0.6	6
149	Neutron energy distributions in the dynamical competition between evaporation and fission. Zeitschrift für Physik A, Atomic Nuclei, 1988, 329, 497-502.	0.3	3
150	A quantum parity-conserving study on octupole deformation in the light-actinide region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 409-414.	1.5	50
151	Properties of nuclei at the third-minimum deformation. Nuclear Physics A, 1987, 473, 77-110.	0.6	44
152	Multipole moments of rare-earth nuclei in the generator coordinate method. Nuclear Physics A, 1987, 462, 252-268.	0.6	20
153	Restoring of broken symmetries in the generator-coordinate method. Nuclear Physics A, 1986, 451, 1-10.	0.6	33
154	Coupling of the pairing vibrations with the fission mode. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 227-230.	1.5	20
155	Coupled octupole and quadrupole vibrations of nuclei around radium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 231-234.	1.5	14
156	The mass parameters for the average mean-field potential. Nuclear Physics A, 1985, 442, 26-49.	0.6	69
157	Collective pairing Hamiltonian in the GCM approximation. Nuclear Physics A, 1985, 442, 50-67.	0.6	33
158	The mass parameters for the average mean-field potential. Nuclear Physics A, 1985, 442, 26-49.	0.6	1
159	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
160	The dynamical effects in the ground state of nuclei. Zeitschrift für Physik A, 1983, 309, 341-347.	1.4	9
161	Equilibrium deformations for the Ra-Th region of nuclei. Nuclear Physics A, 1983, 405, 252-262.	0.6	11
162	Nuclear dissipation with residual interactions studied by means of the Mori formalism. Zeitschrift für Physik A, 1981, 299, 231-239.	1.4	25

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163	A dynamic analysis of spontaneous-fission half-lives. Nuclear Physics A, 1981, 361, 83-101.	0.6	133
164	On the stable octupole deformation of nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 105, 95-98.	1.5	44
165	On the dynamics of fission as a dissipative process. Journal De Physique, 1981, 42, 381-390.	1.8	15
166	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
167	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
168	Influence of the quadrupole pairing interaction on the spontaneous fission lifetime of heavy nuclei. Nuclear Physics A, 1980, 345, 134-140.	0.6	3
169	New modified oscillator potential for nuclei in the actinide region. Zeitschrift für Physik A, 1979, 291, 175-178.	1.4	1
170	Calculations of low-lying collective excitation energies in ^{168}Yb at high angular momenta. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 79, 347-350.	1.5	6
171	Equilibrium properties of fast-rotating headed nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 76, 543-546.	1.5	18
172	Study of the inertial functions for rare-earth nuclei. Nuclear Physics A, 1977, 283, 394-412.	0.6	24
173	Microscopic dynamic calculations of collective states in xenon and barium isotopes. Nuclear Physics A, 1977, 292, 66-87.	0.6	69
174	High spin behavior of nuclei with proton number $Z \geq 60$. Zeitschrift für Physik A, 1977, 283, 383-389.	1.4	11
175	Microscopic inertial functions for nuclei in the barium region. Nuclear Physics A, 1976, 274, 151-167.	0.6	26
176	Nuclear shell structure at very high angular momentum. Nuclear Physics A, 1976, 268, 205-256.	0.6	504
177	Spontaneous-fission half-lives for even nuclei with $Z \geq 92$. Physical Review C, 1976, 13, 229-239.	1.1	119
178	The moment of inertia and the energy gap of fission isomers. Nuclear Physics A, 1973, 202, 274-288.	0.6	58
179	Ground state moments of inertia of deformed nuclei around barium. Nuclear Physics A, 1973, 205, 433-453.	0.6	33