

Paul-Gerhard Reinhard

List of Publications by Year in descending order

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178
papers

12,021
citations

31976

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106
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180
docs citations

180
times ranked

3729
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-consistent mean-field models for nuclear structure. <i>Reviews of Modern Physics</i> , 2003, 75, 121-180.	45.6	1,994
2	Nuclear effective forces and isotope shifts. <i>Nuclear Physics A</i> , 1995, 584, 467-488.	1.5	517
3	Nonlinear electron dynamics in metal clusters. <i>Physics Reports</i> , 2000, 337, 493-578.	25.6	433
4	On stochastic approaches of nuclear dynamics. <i>Physics Reports</i> , 1996, 275, 49-196.	25.6	403
5	Laser-driven nonlinear cluster dynamics. <i>Reviews of Modern Physics</i> , 2010, 82, 1793-1842.	45.6	384
6	Variations on a theme by Skyrme: A systematic study of adjustments of model parameters. <i>Physical Review C</i> , 2009, 79, .	2.9	346
7	The Skyrme interaction in finite nuclei and nuclear matter. <i>Progress in Particle and Nuclear Physics</i> , 2007, 58, 587-657.	14.4	335
8	Nuclear energy density optimization: Large deformations. <i>Physical Review C</i> , 2012, 85, .	2.9	316
9	Information content of a new observable: The case of the nuclear neutron skin. <i>Physical Review C</i> , 2010, 81, .	2.9	298
10	Skyrme-force parametrization: Least-squares fit to nuclear ground-state properties. <i>Physical Review C</i> , 1986, 33, 335-351.	2.9	250
11	Error estimates of theoretical models: a guide. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 074001.	3.6	227
12	Electric dipole polarizability and the neutron skin. <i>Physical Review C</i> , 2012, 85, .	2.9	198
13	Comparison of self-interaction-corrections for metal clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 1115-1128.	1.5	180
14	<i>Colloquium</i> : Superheavy elements: Oganesson and beyond. <i>Reviews of Modern Physics</i> , 2019, 91, .	45.6	163
15	Nuclear energy density optimization: Shell structure. <i>Physical Review C</i> , 2014, 89, .	2.9	162
16	The TDHF code Sky3D. <i>Computer Physics Communications</i> , 2014, 185, 2195-2216.	7.5	160
17	Particle-number projection and the density functional theory. <i>Physical Review C</i> , 2007, 76, .	2.9	132
18	Comparison of coordinate-space techniques in nuclear mean-field calculations. <i>Journal of Computational Physics</i> , 1992, 100, 364-376.	3.8	112

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19	Nuclear skins and halos in the mean-field theory. <i>Physical Review C</i> , 2000, 61, .	2.9	112
20	Fission barriers and asymmetric ground states in the relativistic mean-field theory. <i>Nuclear Physics A</i> , 1995, 590, 680-702.	1.5	105
21	Future of nuclear fission theory. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 113002.	3.6	105
22	From finite nuclei to the nuclear liquid drop: Leptodermous expansion based on self-consistent mean-field theory. <i>Physical Review C</i> , 2006, 73, .	2.9	99
23	Probing Time-Dependent Molecular Dipoles on the Attosecond Time Scale. <i>Physical Review Letters</i> , 2013, 111, 033001.	7.8	99
24	Skyrme forces and giant resonances in exotic nuclei. <i>Nuclear Physics A</i> , 1999, 649, 305-314.	1.5	98
25	A comparative study of Hartree-Fock iteration techniques. <i>Nuclear Physics A</i> , 1982, 378, 418-442.	1.5	92
26	Pairing interaction and self-consistent densities in neutron-rich nuclei. <i>Nuclear Physics A</i> , 2001, 693, 361-373.	1.5	90
27	Energy density functional for nuclei and neutron stars. <i>Physical Review C</i> , 2013, 87, .	2.9	89
28	Self-consistent nuclear mean-field models: example Skyrmeâ€“Hartreeâ€“Fock. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011, 38, 033101.	3.6	88
29	Fission properties for $\langle r \rangle$ -process nuclei. <i>Physical Review C</i> , 2012, 85, .	2.9	88
30	Proton superfluidity and charge radii in proton-rich calcium isotopes. <i>Nature Physics</i> , 2019, 15, 432-436.	16.7	88
31	Dipole polarizability of ^{120}Sn and nuclear energy density functionals. <i>Physical Review C</i> , 2015, 92, .	2.9	85
32	Role of boundary conditions in dynamic studies of nuclear giant resonances and collisions. <i>Physical Review E</i> , 2006, 73, 036709.	2.1	82
33	Laser Spectroscopy of Neutron-Rich Tin Isotopes: A Discontinuity in Charge Radii across the ^{82}N Shell Closure. <i>Physical Review Letters</i> , 2019, 122, 192502.	7.8	81
34	Toward a global description of nuclear charge radii: Exploring the Fayans energy density functional. <i>Physical Review C</i> , 2017, 95, .	2.9	80
35	Charge radii of exotic potassium isotopes challenge nuclear theory and the magic character of ^{32}O . <i>Nature Physics</i> , 2021, 17, 439-443.	16.7	79
36	Measurement and microscopic description of oddâ€“even staggering of charge radii of exotic copper isotopes. <i>Nature Physics</i> , 2020, 16, 620-624.	16.7	76

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37	Towards Single-Particle Spectroscopy of Small Metal Clusters. Physical Review Letters, 2000, 84, 5090-5093.	7.8	73
38	Time-dependent Hartree-Fock calculations of $4\text{He}+^{14}\text{C}$, $^{12}\text{C}+^{12}\text{C}(0^+)$, and $4\text{He}+^{20}\text{Ne}$ molecular formations. Physical Review C, 1985, 32, 172-183.	2.9	72
39	Information content of the low-energy electric dipole strength: Correlation analysis. Physical Review C, 2013, 87, .	2.9	72
40	From sum rules to RPA: 1. Nuclei. Annalen Der Physik, 1992, 504, 632-661.	2.4	71
41	Information Content of the Parity-Violating Asymmetry in ^{208}Pb . Physical Review Letters, 2021, 127, 232501.	7.8	70
42	Ionic and electronic structure of sodium clusters up to $N=59$. Physical Review B, 2000, 62, 7602-7613.	3.2	66
43	Toroidal nature of the low-energy E_1 mode. Physical Review C, 2013, 87, .	2.9	63
44	Theoretical Estimation of the Importance of Two-Electron Collisions for Relaxation in Metal Clusters. Physical Review Letters, 1998, 81, 5524-5527.	7.8	61
45	The generator-coordinate-method with conjugate parameters and the unification of microscopic theories for large amplitude collective motion. Annals of Physics, 1980, 124, 249-289.	2.8	60
46	Three-dimensional nuclear dynamics in the quantized TDHF approach. Annals of Physics, 1983, 150, 504-551.	2.8	60
47	Stochastic TDHF and the Boltzman-Langevin equation. Annals of Physics, 1992, 216, 98-121.	2.8	60
48	Metallic clusters in strong femtosecond laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 5043-5055.	1.5	60
49	Triaxially deformed sodium clusters in a self-consistent microscopic description. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 160, 179-183.	2.1	59
50	Appearance of the single gyroid network phase in $^{\infty}\text{C}$ -nuclear pasta matter. Physical Review C, 2015, 91, .	2.9	59
51	Localization in light nuclei. Physical Review C, 2011, 83, .	2.9	58
52	Description of the dipole giant resonance in heavy and superheavy nuclei within Skyrme random-phase approximation. Physical Review C, 2008, 78, .	2.9	57
53	From Calcium to Cadmium: Testing the Pairing Functional through Charge Radii Measurements of ^{100}Cd and ^{130}Cd . Physical Review Letters, 2018, 121, 102501.	7.8	57
54	Small metal clusters in a cylindrically averaged pseudopotential scheme. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 193, 380-386.	2.1	53

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55	Structure and optic response of the Na ₉ ⁺ and Na ₅₅ ⁺ clusters. European Physical Journal D, 1999, 9, 149-152.	1.3	53
56	Electrons as probes of dynamics in molecules and clusters: A contribution from Time Dependent Density Functional Theory. Physics Reports, 2015, 562, 1-68.	25.6	53
57	Violation of the zero-force theorem in the time-dependent Krieger-Li-lafrate approximation. Physical Review A, 2007, 75, .	2.5	50
58	Time-dependent Hartree-Fock approach to nuclear pasta at finite temperature. Physical Review C, 2013, 87, .	2.9	49
59	Shape isomerism in sodium clusters with 10 ⁴ : Jellium model with quadrupole, octupole, and hexadecapole deformations. Physical Review B, 1995, 52, 4775-4778.	3.2	47
60	Self-consistent separable random-phase approximation for Skyrme forces: Giant resonances in axial nuclei. Physical Review C, 2006, 74, .	2.9	46
61	Microscopic study of the Sn ^{132,124} +Zr ⁹⁶ reactions: Dynamic excitation energy, energy-dependent heavy-ion potential, and capture cross section. Physical Review C, 2010, 82, .	2.9	45
62	Misfits in Skyrme-Hartree-Fock. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064001.	3.6	44
63	Information content of the weak-charge form factor. Physical Review C, 2013, 88, .	2.9	43
64	Central depression in nucleonic densities: Trend analysis in the nuclear density functional theory approach. Physical Review C, 2017, 96, .	2.9	43
65	Width of the plasmon resonance in metal clusters. Physical Review B, 1995, 51, 14686-14692.	3.2	42
66	Dynamics of clusters and molecules in contact with an environment. Physics Reports, 2010, 485, 43-107.	25.6	42
67	General treatment of vortical, toroidal, and compression modes. Physical Review C, 2011, 84, .	2.9	42
68	Charge Radii of Neutron Deficient ^{52}Fe by Projectile Fragmentation. Physical Review Letters, 2016, 117, 252501.	7.8	42
69	Damped relaxation techniques to calculate relativistic bound states. Physical Review A, 1989, 40, 4182-4189.	2.5	41
70	RPA in wavefunction representation. Annalen Der Physik, 1992, 504, 598-631.	2.4	41
71	Conservation properties in the time-dependent Hartree Fock theory. Physical Review C, 2008, 77, .	2.9	41
72	Time-Dependent Density-Functional Theory with a Self-Interaction Correction. Physical Review Letters, 2008, 101, 096404.	7.8	41

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73	Koopmans's condition in self-interaction-corrected density-functional theory. <i>Physical Review A</i> , 2013, 88, .	2.5	41
74	Nuclear charge densities in spherical and deformed nuclei: Toward precise calculations of charge radii. <i>Physical Review C</i> , 2021, 103, .	2.9	40
75	Spin-orbit force in time-dependent Hartree-Fock calculations of heavy-ion collisions. <i>Physical Review C</i> , 1989, 40, 706-714.	2.9	38
76	The structure-averaged jellium model for metal clusters. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1994, 32, 125-136.	1.0	38
77	CORRELATIONS IN NUCLEI AND NUCLEAR DYNAMICS. <i>International Journal of Modern Physics E</i> , 1994, 03, 435-521.	1.0	37
78	Spin-flip M1 giant resonance as a challenge for Skyrme forces. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010, 37, 064034.	3.6	37
79	Electron emission from strongly excited metal clusters. <i>Physical Review A</i> , 1998, 57, 1938-1943.	2.5	36
80	A study of collective paths in the time-dependent hartree-fock approach to large amplitude collective nuclear motion. <i>Nuclear Physics A</i> , 1981, 359, 408-430.	1.5	35
81	The Axial Hartree-Fock + BCS Code SkyAx. <i>Computer Physics Communications</i> , 2021, 258, 107603.	7.5	35
82	AN FFT SOLVER FOR THE COULOMB PROBLEM. <i>International Journal of Modern Physics C</i> , 1994, 05, 65-75.	1.7	34
83	Application of an extended random-phase approximation to giant resonances in light-, medium-, and heavy-mass nuclei. <i>Physical Review C</i> , 2016, 94, .	2.9	34
84	Lipkin-Nogami pairing scheme in self-consistent nuclear structure calculations. <i>Physical Review C</i> , 1996, 53, 2776-2785.	2.9	33
85	Beyond the charge radius: The information content of the fourth radial moment. <i>Physical Review C</i> , 2020, 101, .	2.9	33
86	Dissipative linear response in a fermion system. <i>Annals of Physics</i> , 1988, 181, 1-24.	2.8	32
87	Self-Consistent Calculations of the Electric Giant Dipole Resonances in Light and Heavy Nuclei. <i>Physical Review Letters</i> , 2012, 109, 092502.	7.8	32
88	The TDHF code Sky3D version 1.1. <i>Computer Physics Communications</i> , 2018, 229, 211-213.	7.5	32
89	Angular distribution of electrons emitted from Na clusters. <i>Physical Review A</i> , 2004, 70, .	2.5	31
90	Center-of-mass projection of skyrme-hartree-fock densities. <i>Nuclear Physics A</i> , 1991, 530, 283-302.	1.5	29

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91	Frequencies, times, and forces in the dynamics of Na clusters. European Physical Journal D, 1999, 9, 111-117.	1.3	28
92	Influence of intermediate states on photoelectron spectra. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 4969-4981.	1.5	28
93	Calculation of photoelectron spectra: A mean-field-based scheme. Physical Review A, 2013, 87, .	2.5	28
94	Error estimates for the Skyrme-Hartree-Fock model. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034026.	3.6	28
95	Statistical aspects of nuclear mass models. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 094001.	3.6	28
96	Central depression of the nuclear charge distribution. Nuclear Physics A, 1986, 459, 10-34.	1.5	27
97	Memory effects in relativistic heavy ion collisions. Physical Review C, 1994, 49, 1693-1701.	2.9	27
98	Nuclear α -particle matter for different proton fractions. Physical Review C, 2014, 90, .	2.9	27
99	Isoscalar and isovector giant resonances in a self-consistent phonon coupling approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 292-297.	4.1	27
100	Nuclear Charge Radii of the Nickel Isotopes $E_{\text{Sk}} = 1.58 \times 10^{-2} \times A^{2/3} + 68 \times A^{-1} + 70 \times A^{-2}$ Physical Review Letters, 2022, 128, 022502.	7.8	27
101	Exploration of a modified density dependence in the Skyrme functional. Physical Review C, 2010, 82, .	2.9	26
102	Time-dependent density functional theory with twist-averaged boundary conditions. Physical Review C, 2016, 93, .	2.9	26
103	On the exact treatment of time-dependent self-interaction correction. Annals of Physics, 2009, 324, 955-976.	2.8	25
104	Nuclear vorticity in isoscalar Skyrme-random-phase approximation analysis. Physical Review C, 2014, 89, .	2.9	24
105	Sensitivity of the fusion cross section to the density dependence of the symmetry energy. Physical Review C, 2016, 93, .	2.9	24
106	Nuclear charge and neutron radii and nuclear matter: Trend analysis in Skyrme density-functional-theory approach. Physical Review C, 2016, 93, .	2.9	24
107	Self-consistency in the phonon space of the particle-phonon coupling model. Physical Review C, 2018, 97, .	2.9	24
108	Structural trends in atomic nuclei from laser spectroscopy of tin. Communications Physics, 2020, 3, .	5.3	24

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109	Static electric dipole polarizabilities of Na clusters. European Physical Journal D, 2000, 11, 239-245.	1.3	23
110	Toroidal resonance: Relation to pygmy mode, vortical properties, and anomalous deformation splitting. Physics of Atomic Nuclei, 2016, 79, 842-850. Individual Low-Energy Toroidal Dipole State in ^{138}La	0.4	23
111	$\langle \text{Mg} \rangle$ Physical Review Letters, 2018, 120, 182501.	7.8	23
112	A quantum relaxation-time approximation for finite fermion systems. Annals of Physics, 2015, 354, 183-202.	2.8	22
113	Non-equilibrium quantum dynamics with collisional correlations. New Journal of Physics, 2014, 16, 063066.	2.9	21
114	The Skyrme-Hartree-Fock Model of the Nuclear Ground State. , 1991, , 28-50.		21
115	Angular distributions of photoelectrons from free Na clusters. Physical Review A, 2010, 82, .	2.5	20
116	A separable approach to linear response in Na clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1997, 42, 209-217.	1.0	19
117	Single-particle dissipation in a time-dependent Hartree-Fock approach studied from a phase-space perspective. Physical Review C, 2012, 86, .	2.9	19
118	Towards the analysis of attosecond dynamics in complex systems. Physical Chemistry Chemical Physics, 2017, 19, 19784-19793. Low-energy excitations in ^{138}La	2.8	19
119	$\langle \text{Pb} \rangle$ and the spin channel of the Skyrme energy-density functional. Physical Review C, 2019, 99, .	2.9	19
120	Information content of the differences in the charge radii of mirror nuclei. Physical Review C, 2022, 105, .	2.9	19
121	Non-markovian treatment of collective motion in extended time-dependent mean-field theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 151, 177-180.	4.1	18
122	Angular distribution of emitted electrons in sodium clusters: A semiclassical approach. Physical Review A, 2003, 67, .	2.5	18
123	Orientation averaged angular distributions of photo-electrons from free Na clusters. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 375, 39-42.	2.1	18
124	Correlations and local-density approximation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 169, 281-286.	2.1	17
125	Optimizing relativistic energy density functionals: covariance analysis. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034008.	3.6	16
126	Estimating the relevance of predictions from the Skyrme-Hartree-Fock model. Physica Scripta, 2016, 91, 023002.	2.5	16

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127	Systematics of toroidal dipole modes in Ca, Ni, Zr, and Sn isotopes. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	16
128	Evidence of Two-Source King Plot Nonlinearity in Spectroscopic Search for New Boson. <i>Physical Review Letters</i> , 2022, 128, 163201.	7.8	16
129	Deformation-induced splitting of the isoscalar E_{res} resonance: Skyrme random-phase-approximation analysis. <i>Physical Review C</i> , 2016, 94, .	2.9	16
130	Theoretical exploration of pump and probe in medium-sized Na clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 4203-4210.	1.5	14
131	Semi-classical description of ionic and electronic dynamics in metal clusters. <i>Annalen Der Physik</i> , 2002, 11, 291-308.	2.4	14
132	Carbon-oxygen-neon mass nuclei in superstrong magnetic fields. <i>Physical Review C</i> , 2016, 94, .	2.9	14
133	A density functional theory study of Na(H ₂ O) _n : an example of the impact of self-interaction corrections. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	13
134	Universal trend of charge radii of even-even Ca–Zn nuclei. <i>Physical Review C</i> , 2022, 105, .	2.9	13
135	Landau–Migdal vs. Skyrme. <i>Nuclear Physics A</i> , 2014, 928, 17-29.	1.5	12
136	On the inclusion of collisional correlations in quantum dynamics. <i>Annals of Physics</i> , 2015, 355, 182-203.	2.8	12
137	The phonon-coupling model for Skyrme forces. <i>Physics of Atomic Nuclei</i> , 2016, 79, 868-884.	0.4	12
138	Dissipation and energy balance in electronic dynamics of Na clusters. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	12
139	On the inclusion of dissipation on top of mean-field approaches. <i>European Physical Journal B</i> , 2018, 91, 1.	1.5	12
140	Equilibration in the time-dependent Hartree-Fock approach probed with the Wigner distribution function. <i>Physical Review C</i> , 2011, 84, .	2.9	11
141	Stochastic TDHF in an exactly solvable model. <i>Annals of Physics</i> , 2016, 373, 216-229.	2.8	11
142	Excitation spectra of exotic nuclei in a self-consistent phonon-coupling model. <i>Physical Review C</i> , 2018, 98, .	2.9	11
143	DFT studies of ionic vibrations in Na clusters. <i>European Physical Journal D</i> , 2002, 21, 315-322.	1.3	10
144	Survey of nuclear pasta in the intermediate-density regime: Structure functions for neutrino scattering. <i>Physical Review C</i> , 2020, 101, .	2.9	10

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145	resonance in M within the self-consistent phonon-coupling model. Physical Review C, 2020, 102, .	2.9	10
146	On the dynamics of photo-electrons in C60. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 105102.	1.5	9
147	A collisional extension of time-dependent Hartree-Fock. Journal of Physics B: Atomic and Optical Physics, 2016, 49, 245101.	1.5	9
148	Optimizing phonon space in the phonon-coupling model. Physical Review C, 2017, 96, .	2.9	9
149	Progress towards a realistic theoretical description of C_{60} imaging experiments using time-dependent density-functional theory. Physical Review A, 2015, 91, .	2.5	8
150	Strong-field effects in the photoemission spectrum of the C_{60} fullerene. Physical Review A, 2016, 93, .	2.5	8
151	Quantum Dissipative Dynamics (QDD): A real-time real-space approach to far-off-equilibrium dynamics in finite electron systems. Computer Physics Communications, 2022, 270, 108155.	7.5	8
152	Rare reaction channels in real-time time-dependent density functional theory: the test case of electron attachment. European Physical Journal D, 2015, 69, 1.	1.3	7
153	Forward-backward asymmetry of photoemission in C_{60} excited by few-cycle laser pulses. Physical Review A, 2017, 95, .	2.5	6
154	Individual dipole toroidal states: Main features and search in the Tj reaction. Physical Review C, 2019, 100, .	2.9	6
155	Isoscalar monopole and dipole transitions in Mg_{24} , Mg_{26} , and Si_{28} . Physical Review C, 2021, 103, .	2.9	6
156	Fingerprints of level depletion in the photoelectron spectra of small Na clusters in the ultraviolet domain. New Journal of Physics, 2012, 14, 063015.	2.9	5
157	Swelling of nuclei embedded in neutron-gas and consequences for fusion. Physical Review C, 2015, 92, .	2.9	5
158	On the analysis of photo-electron spectra. Annals of Physics, 2015, 360, 98-112.	2.8	5
159	Towards time-dependent current-density-functional theory in the non-linear regime. Journal of Chemical Physics, 2015, 142, 084118.	3.0	5
160	Individual low-energy E1 toroidal and compression states in light nuclei: deformation effect, spectroscopy and interpretation. EPJ Web of Conferences, 2018, 194, 03005.	0.3	5
161	Optimization and supervised machine learning methods for fitting numerical physics models without derivatives $\frac{d}{dx}$. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 024001.	3.6	5
162	Statistical correlations of nuclear quadrupole deformations and charge radii. Physical Review C, 2022, 106, .	2.9	5

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163	Local conservation laws and equations of motion for Green's functions. Physical Review A, 1988, 38, 1641-1644.	2.5	4
164	The impact of the carrier envelope phase-dependence on system and laser parameters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 024007.	1.5	3
165	Self-interaction-correction and electron removal energies. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	3
166	Three-dimensional Skyrme Hartree-Fock-Bogoliubov solver in coordinate-space representation. Computer Physics Communications, 2022, 276, 108344.	7.5	3
167	Two-photon excitation of low-lying electronic quadrupole states in atomic clusters. Physical Review A, 2006, 73, .	2.5	2
168	A study of color centers in MgO using a hierarchical model. European Physical Journal D, 2012, 66, 1.	1.3	2
169	Macroscopic and microscopic description of low-energy collective states in ^{86}Se . Physical Review C, 2019, 80, .	2.9	2
170	Physical mechanisms encoded in photoionization yield from IR+XUV setups. European Physical Journal D, 2019, 73, 1.	1.3	2
171	Rate for laser-induced nuclear dipole absorption. Physical Review C, 2020, 101, .	2.9	2
172	POPULATION TRANSFER PROCESSES: FROM ATOMS TO CLUSTERS AND BOSE-EINSTEIN CONDENSATE. , 2008, , .		2
173	Large amplitude dynamics of clusters and nucleon. European Physical Journal D, 1998, 48, 715-724.	0.4	1
174	The impact of dissipation on plasmonic versus non-collective excitation. Physics of Plasmas, 2018, 25, 031905.	1.9	1
175	Far Off Equilibrium Dynamics in Clusters and Molecules. Frontiers in Physics, 2020, 8, .	2.1	1
176	Emission and collisional correlation in far-off equilibrium quantum systems. European Physical Journal D, 2021, 75, 1.	1.3	1
177	Self-consistent description of high-spin states in doubly magic ^{208}Pb . Physical Review C, 2022, 105, .	2.9	1
178	An average stochastic approach to two-body dissipation in finite fermion systems. Annals of Physics, 2019, 406, 233-256.	2.8	0