

Paul-Gerhard Reinhard

List of Publications by Year in descending order

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178
papers

12,021
citations

31976

53
h-index

27406

106
g-index

180
all docs

180
docs citations

180
times ranked

3729
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nuclear Charge Radii of the Nickel Isotopes $\langle r_{ch} \rangle = \langle r_{ch} \rangle_{Ni}$	7.8	27
3	Self-consistent description of high-spin states in doubly magic $\langle r_{ch} \rangle = \langle r_{ch} \rangle_{Ni} \langle r_{ch} \rangle_{Pb}$	2.9	1
4	Information content of the differences in the charge radii of mirror nuclei. Physical Review C, 2022, 105, .	2.9	19
5	Universal trend of charge radii of even-even Ca–Zn nuclei. Physical Review C, 2022, 105, .	2.9	13
6	Three-dimensional Skyrme Hartree-Fock-Bogoliubov solver in coordinate-space representation. Computer Physics Communications, 2022, 276, 108344.	7.5	3
7	Evidence of Two-Source King Plot Nonlinearity in Spectroscopic Search for New Boson. Physical Review Letters, 2022, 128, 163201.	7.8	16
8	Statistical correlations of nuclear quadrupole deformations and charge radii. Physical Review C, 2022, 106, .	2.9	5
9	The Axial Hartree-Fock + BCS Code SkyAx. Computer Physics Communications, 2021, 258, 107603.	7.5	35
10	Optimization and supervised machine learning methods for fitting numerical physics models without derivatives $\langle r_{ch} \rangle$. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 024001.	3.6	5
11	Emission and collisional correlation in far-off equilibrium quantum systems. European Physical Journal D, 2021, 75, 1.	1.3	1
12	Isoscalar monopole and dipole transitions in Mg ₂₄ , Mg ₂₆ , and Si ₂₈ . Physical Review C, 2021, 103, .	2.9	6
13	Self-interaction-correction and electron removal energies. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	3
14	Nuclear charge densities in spherical and deformed nuclei: Toward precise calculations of charge radii. Physical Review C, 2021, 103, .	2.9	40
15	Charge radii of exotic potassium isotopes challenge nuclear theory and the magic character of N=32. Nature Physics, 2021, 17, 439-443.	16.7	79
16	Information Content of the Parity-Violating Asymmetry in $\langle r_{ch} \rangle = \langle r_{ch} \rangle_{Pb}$	7.8	70
17	Survey of nuclear pasta in the intermediate-density regime: Structure functions for neutrino scattering. Physical Review C, 2020, 101, .	2.9	10
18	Statistical aspects of nuclear mass models. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 094001.	3.6	28

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19	Structural trends in atomic nuclei from laser spectroscopy of tin. Communications Physics, 2020, 3, .	5.3	24
20	Beyond the charge radius: The information content of the fourth radial moment. Physical Review C, 2020, 101, .	2.9	33
21	Far Off Equilibrium Dynamics in Clusters and Molecules. Frontiers in Physics, 2020, 8, .	2.1	1
22	Rate for laser-induced nuclear dipole absorption. Physical Review C, 2020, 101, .	2.9	2
23	Measurement and microscopic description of odd-even staggering of charge radii of exotic copper isotopes. Nature Physics, 2020, 16, 620-624.	16.7	76
24	Future of nuclear fission theory. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 113002.	3.6	105
25	resonance in M within the self-consistent low-energy M excitations in M Skyrme energy-density functional. Physical Review C, 2019, 99, .	2.9	10
26	Physical mechanisms encoded in photoionization yield from IR+XUV setups. European Physical Journal D, 2019, 73, 1.	2.9	19
27	<i>Colloquium</i> : Superheavy elements: Oganesson and beyond. Reviews of Modern Physics, 2019, 91, .	1.3	2
28	Laser Spectroscopy of Neutron-Rich Tin Isotopes: A Discontinuity in Charge Radii across the $N=82$ Shell Closure. Physical Review Letters, 2019, 122, 192502.	45.6	163
29	Proton superfluidity and charge radii in proton-rich calcium isotopes. Nature Physics, 2019, 15, 432-436.	7.8	81
30	Individual dipole toroidal states: Main features and search in the ^{133}Ba reaction. Physical Review C, 2019, 100, .	16.7	88
31	Systematics of toroidal dipole modes in Ca, Ni, Zr, and Sn isotopes. European Physical Journal A, 2019, 55, 1.	2.9	6
32	An average stochastic approach to two-body dissipation in finite fermion systems. Annals of Physics, 2019, 406, 233-256.	2.5	16
33	Self-consistency in the phonon space of the particle-phonon coupling model. Physical Review C, 2018, 97, .	2.8	0
34	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.	2.9	24
35	Individual Low-Energy Toroidal Dipole State in ^{133}Ba reaction. Physical Review Letters, 2018, 120, 182501.	1.5	3
36	Individual Low-Energy Toroidal Dipole State in ^{133}Ba reaction. Physical Review Letters, 2018, 120, 182501.	7.8	23

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37	The impact of dissipation on plasmonic versus non-collective excitation. Physics of Plasmas, 2018, 25, 031905.	1.9	1
38	The TDHF code Sky3D version 1.1. Computer Physics Communications, 2018, 229, 211-213.	7.5	32
39	Excitation spectra of exotic nuclei in a self-consistent phonon-coupling model. Physical Review C, 2018, 98, .	2.9	11
40	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
41	Macroscopic and microscopic description of low-energy collective states in ^{86}Se and ^{88}Se . Physical Review C, 2018, 98, .	2.9	2
42	On the inclusion of dissipation on top of mean-field approaches. European Physical Journal B, 2018, 91, 1. From Calcium to Cadmium: Testing the Pairing Functional through Charge Radii Measurements of	1.5	12
43	^{100}Cd and ^{130}Cd . Physical Review Letters, 2018, 121, 102501.	7.8	57
44	Towards the analysis of attosecond dynamics in complex systems. Physical Chemistry Chemical Physics, 2017, 19, 19784-19793.	2.8	19
45	Forward-backward asymmetry of photoemission in C_{60} excited by few-cycle laser pulses. Physical Review A, 2017, 95, .	2.5	6
46	Optimizing phonon space in the phonon-coupling model. Physical Review C, 2017, 96, .	2.9	9
47	Central depression in nucleonic densities: Trend analysis in the nuclear density functional theory approach. Physical Review C, 2017, 96, .	2.9	43
48	Toward a global description of nuclear charge radii: Exploring the Fayans energy density functional. Physical Review C, 2017, 95, .	2.9	80
49	Dissipation and energy balance in electronic dynamics of Na clusters. European Physical Journal D, 2017, 71, 1.	1.3	12
50	Estimating the relevance of predictions from the Skyrme-Hartree-Fock model. Physica Scripta, 2016, 91, 023002.	2.5	16
51	Application of an extended random-phase approximation to giant resonances in light-, medium-, and heavy-mass nuclei. Physical Review C, 2016, 94, .	2.9	34
52	Charge Radii of Neutron Deficient ^{52}Fe and ^{53}Fe by Projectile Fragmentation. Physical Review Letters, 2016, 117, 252501.	7.8	42
53	A collisional extension of time-dependent Hartree-Fock. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 245101.	1.5	9
54	Deformation-induced splitting of the isoscalar E_{res} resonance: Skyrme random-phase-approximation analysis. Physical Review C, 2016, 94, .	2.9	16

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55	Stochastic TDHF in an exactly solvable model. Annals of Physics, 2016, 373, 216-229.	2.8	11
56	Strong-field effects in the photoemission spectrum of the C_{60} fullerene. Physical Review A, 2016, 93, .	2.5	8
57	Sensitivity of the fusion cross section to the density dependence of the symmetry energy. Physical Review C, 2016, 93, .	2.9	24
58	Nuclear charge and neutron radii and nuclear matter: Trend analysis in Skyrme density-functional-theory approach. Physical Review C, 2016, 93, .	2.9	24
59	Time-dependent density functional theory with twist-averaged boundary conditions. Physical Review C, 2016, 93, .	2.9	26
60	Carbon-oxygen-neon mass nuclei in superstrong magnetic fields. Physical Review C, 2016, 94, .	2.9	14
61	The phonon-coupling model for Skyrme forces. Physics of Atomic Nuclei, 2016, 79, 868-884.	0.4	12
62	Toroidal resonance: Relation to pygmy mode, vortical properties, and anomalous deformation splitting. Physics of Atomic Nuclei, 2016, 79, 842-850.	0.4	23
63	Swelling of nuclei embedded in neutron-gas and consequences for fusion. Physical Review C, 2015, 92, .	2.9	5
64	Dipole polarizability of ^{120}Sn and nuclear energy density functionals. Physical Review C, 2015, 92, .	2.9	85
65	Optimizing relativistic energy density functionals: covariance analysis. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034008.	3.6	16
66	A quantum relaxation-time approximation for finite fermion systems. Annals of Physics, 2015, 354, 183-202.	2.8	22
67	On the inclusion of collisional correlations in quantum dynamics. Annals of Physics, 2015, 355, 182-203.	2.8	12
68	Appearance of the single gyroid network phase in α -nuclear pasta matter. Physical Review C, 2015, 91, .	2.9	59
69	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
70	On the dynamics of photo-electrons in C_{60} . Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 105102.	1.5	9
71	Error estimates for the Skyrme-Hartree-Fock model. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034026.	3.6	28
72	On the analysis of photo-electron spectra. Annals of Physics, 2015, 360, 98-112.	2.8	5

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73	Rare reaction channels in real-time time-dependent density functional theory: the test case of electron attachment. <i>European Physical Journal D</i> , 2015, 69, 1.	1.3	7
74	Towards time-dependent current-density-functional theory in the non-linear regime. <i>Journal of Chemical Physics</i> , 2015, 142, 084118.	3.0	5
75	Isoscalar and isovector giant resonances in a self-consistent phonon coupling approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 292-297.	4.1	27
76	Electrons as probes of dynamics in molecules and clusters: A contribution from Time Dependent Density Functional Theory. <i>Physics Reports</i> , 2015, 562, 1-68.	25.6	53
77	Non-equilibrium quantum dynamics with collisional correlations. <i>New Journal of Physics</i> , 2014, 16, 063066.	2.9	21
78	Nuclear vorticity in isoscalar E_{1-2} Skyrme-random-phase approximation analysis. <i>Physical Review C</i> , 2014, 89, .	2.9	24
79	Nuclear α -pasta matter for different proton fractions. <i>Physical Review C</i> , 2014, 90, .	2.9	27
80	Nuclear energy density optimization: Shell structure. <i>Physical Review C</i> , 2014, 89, .	2.9	162
81	The TDHF code Sky3D. <i>Computer Physics Communications</i> , 2014, 185, 2195-2216.	7.5	160
82	Error estimates of theoretical models: a guide. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 074001.	3.6	227
83	A density functional theory study of $\text{Na}(\text{H}_2\text{O})_n$: an example of the impact of self-interaction corrections. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	13
84	Landau-Migdal vs. Skyrme. <i>Nuclear Physics A</i> , 2014, 928, 17-29.	1.5	12
85	Probing Time-Dependent Molecular Dipoles on the Attosecond Time Scale. <i>Physical Review Letters</i> , 2013, 111, 033001.	7.8	99
86	Time-dependent Hartree-Fock approach to nuclear α -pasta at finite temperature. <i>Physical Review C</i> , 2013, 87, .	2.9	49
87	Information content of the weak-charge form factor. <i>Physical Review C</i> , 2013, 88, .	2.9	43
88	Energy density functional for nuclei and neutron stars. <i>Physical Review C</i> , 2013, 87, .	2.9	89
89	Koopmans's condition in self-interaction-corrected density-functional theory. <i>Physical Review A</i> , 2013, 88, .	2.5	41
90	Calculation of photoelectron spectra: A mean-field-based scheme. <i>Physical Review A</i> , 2013, 87, .	2.5	28

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91	Toroidal nature of the low-energy $\langle \langle E \rangle \rangle$ mode. Physical Review C, 2013, 87, .	2.9	63
92	Information content of the low-energy electric dipole strength: Correlation analysis. Physical Review C, 2013, 87, .	2.9	72
93	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
94	Single-particle dissipation in a time-dependent Hartree-Fock approach studied from a phase-space perspective. Physical Review C, 2012, 86, .	2.9	19
95	Self-Consistent Calculations of the Electric Giant Dipole Resonances in Light and Heavy Nuclei. Physical Review Letters, 2012, 109, 092502.	7.8	32
96	Fission properties for $\langle r \rangle$ -process nuclei. Physical Review C, 2012, 85, .	2.9	88
97	Electric dipole polarizability and the neutron skin. Physical Review C, 2012, 85, .	2.9	198
98	Nuclear energy density optimization: Large deformations. Physical Review C, 2012, 85, .	2.9	316
99	A study of color centers in MgO using a hierarchical model. European Physical Journal D, 2012, 66, 1.	1.3	2
100	Self-consistent nuclear mean-field models: example Skyrme-Hartree-Fock. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 033101.	3.6	88
101	Localization in light nuclei. Physical Review C, 2011, 83, .	2.9	58
102	Equilibration in the time-dependent Hartree-Fock approach probed with the Wigner distribution function. Physical Review C, 2011, 84, .	2.9	11
103	General treatment of vortical, toroidal, and compression modes. Physical Review C, 2011, 84, .	2.9	42
104	Angular distributions of photoelectrons from free Na clusters. Physical Review A, 2010, 82, .	2.5	20
105	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
106	Dynamics of clusters and molecules in contact with an environment. Physics Reports, 2010, 485, 43-107.	25.6	42
107	Misfits in Skyrme-Hartree-Fock. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064001.	3.6	44
108	Microscopic study of the $^{132}\text{Sn} + ^{124}\text{Zr}$ reactions: Dynamic excitation energy, energy-dependent heavy-ion potential, and capture cross section. Physical Review C, 2010, 82, .	2.9	45

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109	Exploration of a modified density dependence in the Skyrme functional. <i>Physical Review C</i> , 2010, 82, .	2.9	26
110	Information content of a new observable: The case of the nuclear neutron skin. <i>Physical Review C</i> , 2010, 81, .	2.9	298
111	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
112	Laser-driven nonlinear cluster dynamics. <i>Reviews of Modern Physics</i> , 2010, 82, 1793-1842.	45.6	384
113	Variations on a theme by Skyrme: A systematic study of adjustments of model parameters. <i>Physical Review C</i> , 2009, 79, .	2.9	346
114	On the exact treatment of time-dependent self-interaction correction. <i>Annals of Physics</i> , 2009, 324, 955-976.	2.8	25
115	Description of the dipole giant resonance in heavy and superheavy nuclei within Skyrme random-phase approximation. <i>Physical Review C</i> , 2008, 78, .	2.9	57
116	Conservation properties in the time-dependent Hartree Fock theory. <i>Physical Review C</i> , 2008, 77, .	2.9	41
117	Time-Dependent Density-Functional Theory with a Self-Interaction Correction. <i>Physical Review Letters</i> , 2008, 101, 096404.	7.8	41
118	POPULATION TRANSFER PROCESSES: FROM ATOMS TO CLUSTERS AND BOSE-EINSTEIN CONDENSATE. , 2008, , .		2
119	Particle-number projection and the density functional theory. <i>Physical Review C</i> , 2007, 76, .	2.9	132
120	Violation of the zero-force theorem in the time-dependent Krieger-Li-lafrate approximation. <i>Physical Review A</i> , 2007, 75, .	2.5	50
121	The Skyrme interaction in finite nuclei and nuclear matter. <i>Progress in Particle and Nuclear Physics</i> , 2007, 58, 587-657.	14.4	335
122	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
123	Role of boundary conditions in dynamic studies of nuclear giant resonances and collisions. <i>Physical Review E</i> , 2006, 73, 036709.	2.1	82
124	Self-consistent separable random-phase approximation for Skyrme forces: Giant resonances in axial nuclei. <i>Physical Review C</i> , 2006, 74, .	2.9	46
125	Two-photon excitation of low-lying electronic quadrupole states in atomic clusters. <i>Physical Review A</i> , 2006, 73, .	2.5	2
126	Angular distribution of electrons emitted from Na clusters. <i>Physical Review A</i> , 2004, 70, .	2.5	31

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127	Self-consistent mean-field models for nuclear structure. <i>Reviews of Modern Physics</i> , 2003, 75, 121-180.	45.6	1,994
128	Angular distribution of emitted electrons in sodium clusters: A semiclassical approach. <i>Physical Review A</i> , 2003, 67, .	2.5	18
129	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
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	DFT studies of ionic vibrations in Na clusters. <i>European Physical Journal D</i> , 2002, 21, 315-322.	1.3	10
133	Pairing interaction and self-consistent densities in neutron-rich nuclei. <i>Nuclear Physics A</i> , 2001, 693, 361-373.	1.5	90
134	Influence of intermediate states on photoelectron spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 4969-4981.	1.5	28
135	Nonlinear electron dynamics in metal clusters. <i>Physics Reports</i> , 2000, 337, 493-578.	25.6	433
136	Static electric dipole polarizabilities of Na clusters. <i>European Physical Journal D</i> , 2000, 11, 239-245.	1.3	23
137	Towards Single-Particle Spectroscopy of Small Metal Clusters. <i>Physical Review Letters</i> , 2000, 84, 5090-5093.	7.8	73
138	Ionic and electronic structure of sodium clusters up to $N=59$. <i>Physical Review B</i> , 2000, 62, 7602-7613.	3.2	66
139	Nuclear skins and halos in the mean-field theory. <i>Physical Review C</i> , 2000, 61, .	2.9	112
140	Skyrme forces and giant resonances in exotic nuclei. <i>Nuclear Physics A</i> , 1999, 649, 305-314.	1.5	98
141	Frequencies, times, and forces in the dynamics of Na clusters. <i>European Physical Journal D</i> , 1999, 9, 111-117.	1.3	28
142	Structure and optic response of the Na_9^+ and Na_{55}^+ clusters. <i>European Physical Journal D</i> , 1999, 9, 149-152.	1.3	53
143	Large amplitude dynamics of clusters and nucleon. <i>European Physical Journal D</i> , 1998, 48, 715-724.	0.4	1
144	Electron emission from strongly excited metal clusters. <i>Physical Review A</i> , 1998, 57, 1938-1943.	2.5	36

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145	Theoretical Estimation of the Importance of Two-Electron Collisions for Relaxation in Metal Clusters. <i>Physical Review Letters</i> , 1998, 81, 5524-5527.	7.8	61
146	Metallic clusters in strong femtosecond laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 5043-5055.	1.5	60
147	A separable approach to linear response in Na clusters. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1997, 42, 209-217.	1.0	19
148	On stochastic approaches of nuclear dynamics. <i>Physics Reports</i> , 1996, 275, 49-196.	25.6	403
149	Lipkin-Nogami pairing scheme in self-consistent nuclear structure calculations. <i>Physical Review C</i> , 1996, 53, 2776-2785.	2.9	33
150	Nuclear effective forces and isotope shifts. <i>Nuclear Physics A</i> , 1995, 584, 467-488.	1.5	517
151	Fission barriers and asymmetric ground states in the relativistic mean-field theory. <i>Nuclear Physics A</i> , 1995, 590, 680-702.	1.5	105
152	Width of the plasmon resonance in metal clusters. <i>Physical Review B</i> , 1995, 51, 14686-14692.	3.2	42
153	Shape isomerism in sodium clusters with $10 \leq Z \leq 44$: Jellium model with quadrupole, octupole, and hexadecapole deformations. <i>Physical Review B</i> , 1995, 52, 4775-4778.	3.2	47
154	CORRELATIONS IN NUCLEI AND NUCLEAR DYNAMICS. <i>International Journal of Modern Physics E</i> , 1994, 03, 435-521.	1.0	37
155	Memory effects in relativistic heavy ion collisions. <i>Physical Review C</i> , 1994, 49, 1693-1701.	2.9	27
156	Small metal clusters in a cylindrically averaged pseudopotential scheme. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 193, 380-386.	2.1	53
157	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
158	AN FFT SOLVER FOR THE COULOMB PROBLEM. <i>International Journal of Modern Physics C</i> , 1994, 05, 65-75.	1.7	34
159	Comparison of coordinate-space techniques in nuclear mean-field calculations. <i>Journal of Computational Physics</i> , 1992, 100, 364-376.	3.8	112
160	Correlations and local-density approximation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 169, 281-286.	2.1	17
161	Stochastic TDHF and the Boltzman-Langevin equation. <i>Annals of Physics</i> , 1992, 216, 98-121.	2.8	60
162	RPA in wavefunction representation. <i>Annalen Der Physik</i> , 1992, 504, 598-631.	2.4	41

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163	From sum rules to RPA: 1. Nuclei. Annalen Der Physik, 1992, 504, 632-661.	2.4	71
164	Center-of-mass projection of skyrme-hartree-fock densities. Nuclear Physics A, 1991, 530, 283-302.	1.5	29
165	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
166	The Skyrme-Hartree-Fock Model of the Nuclear Ground State. , 1991, , 28-50.		21
167	Damped relaxation techniques to calculate relativistic bound states. Physical Review A, 1989, 40, 4182-4189.	2.5	41
168	Spin-orbit force in time-dependent Hartree-Fock calculations of heavy-ion collisions. Physical Review C, 1989, 40, 706-714.	2.9	38
169	Dissipative linear response in a fermion system. Annals of Physics, 1988, 181, 1-24.	2.8	32
170	Local conservation laws and equations of motion for Green's functions. Physical Review A, 1988, 38, 1641-1644.	2.5	4
171	Skyrme-force parametrization: Least-squares fit to nuclear ground-state properties. Physical Review C, 1986, 33, 335-351.	2.9	250
172	Central depression of the nuclear charge distribution. Nuclear Physics A, 1986, 459, 10-34.	1.5	27
173	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
174	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
175	Three-dimensional nuclear dynamics in the quantized ATDHF approach. Annals of Physics, 1983, 150, 504-551.	2.8	60
176	A comparative study of Hartree-Fock iteration techniques. Nuclear Physics A, 1982, 378, 418-442.	1.5	92
177	A study of collective paths in the time-dependent hartree-fock approach to large amplitude collective nuclear motion. Nuclear Physics A, 1981, 359, 408-430.	1.5	35
178	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