

Gianluca ColÃ²

List of Publications by Year in descending order

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250
docs citations

250
times ranked

2248
citing authors

#	ARTICLE	IF	CITATIONS
1	Exotic modes of excitation in atomic nuclei far from stability. Reports on Progress in Physics, 2007, 70, 691-793. Constraints on the symmetry energy and neutron skins from pygmy resonances in Ni	20.1	464
2	^{68}Ni and ^{132}Sn	2.9	283
3	Deducing the nuclear-matter incompressibility coefficient from data on isoscalar compression modes. European Physical Journal A, 2006, 30, 23-30.	2.5	262
4	Giant dipole resonance as a quantitative constraint on the symmetry energy. Physical Review C, 2008, 77, .	2.9	220
5	Spin-orbit splitting and the tensor component of the Skyrme interaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 227-231.	4.1	203
6	Electric dipole polarizability and the neutron skin. Physical Review C, 2012, 85, .	2.9	198
7	Microscopic determination of the nuclear incompressibility within the nonrelativistic framework. Physical Review C, 2004, 70, .	2.9	196
8	Neutron skin thickness from the measured electric dipole polarizability in ^{68}Ni and ^{120}Sn	2.9	175
9	and ^{120}Sn . The compression-mode giant resonances and nuclear incompressibility. Progress in Particle and Nuclear Physics, 2018, 101, 55-95.	14.4	158
10	Electric dipole polarizability in ^{208}Pb : Insights from the droplet model. Physical Review C, 2013, 88, .	2.9	146
11	Self-consistent RPA calculations with Skyrme-type interactions: The skyrme_rpa program. Computer Physics Communications, 2013, 184, 142-161.	7.5	134
12	Dipole states in stable and unstable nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 601, 27-33.	4.1	133
13	On dipole compression modes in nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 362-366.	4.1	124
14	Escape and spreading properties of charge-exchange resonances in ^{208}Bi . Physical Review C, 1994, 50, 1496-1508.	2.9	120
15	Giant quadrupole resonances in ^{208}Pb , the nuclear symmetry energy, and the neutron skin thickness. Physical Review C, 2013, 87, .	2.9	113
16	New Skyrme interaction with improved spin-isospin properties. Physical Review C, 2012, 86, .	2.9	112
17	Microscopic theories of neutrino- ^{12}C reactions. Physical Review C, 2000, 62, .	2.9	108
18	QRPA plus phonon coupling model and the photoabsorption cross section for $^{18,20,22}O$. Nuclear Physics A, 2001, 696, 427-441.	1.5	106

#	ARTICLE	IF	CITATIONS
19	Damping properties of the breathing mode in 208Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 279-284.	4.1	87
20	Effect of particle-vibration coupling on single-particle states: A consistent study within the Skyrme framework. Physical Review C, 2010, 82, .	2.9	87
21	Symmetry energy from the nuclear collective motion: constraints from dipole, quadrupole, monopole and spin-dipole resonances. European Physical Journal A, 2014, 50, 1.	2.5	84
22	The halo of the exotic nucleus 11Li: a single Cooper pair. European Physical Journal A, 2001, 11, 385-392.	2.5	81
23	Single and pair neutron transfers at sub-barrier energies. Physical Review C, 2011, 84, .	2.9	81
24	Effect of the Tensor Force on the Charge Exchange Spin-Dipole Excitations of ^{208}Pb . Physical Review Letters, 2010, 105, 072501.	7.8	79
25	Effect of the Tensor Force on the Charge Exchange Spin-Dipole Excitations of ^{68}Ni and ^{132}Sn . Physical Review Letters, 2010, 105, 072501.	2.9	79
26	Tensor interaction in mean-field and density functional theory approaches to nuclear structure. Progress in Particle and Nuclear Physics, 2014, 76, 76-115.	14.4	75
27	Effect of tensor correlations on Gamow-Teller states in 90Zr and 208Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 28-31.	4.1	74
28	Quenching of Gamow-Teller strength due to tensor correlations in ^{90}Zr and ^{208}Pb . Physical Review Letters, 2009, 103, 082501.	2.9	70
29	Calculation of stellar electron-capture cross sections on nuclei based on microscopic Skyrme functionals. Physical Review C, 2009, 80, .	2.9	68
30	Single-particle and collective degrees of freedom in C60. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, L643-L649.	1.5	66
31	Low-lying collective states in neutron-rich oxygen isotopes via proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 45-52.	4.1	66
32	Effects of the tensor force on the multipole response in finite nuclei. Physical Review C, 2009, 80, .	2.9	64
33	Many-body effects in nuclear structure. European Physical Journal A, 2004, 21, 57-60.	2.5	63
34	Observation of Low- and High-Energy Gamow-Teller Phonon Excitations in Nuclei. Physical Review Letters, 2014, 112, 112502.	7.8	63
35	Spin-isospin nuclear response using the existing microscopic Skyrme functionals. Physical Review C, 2007, 76, .	2.9	60
36	Particle-Vibration Coupling Effect on the β -Decay of Magic Nuclei. Physical Review Letters, 2015, 114, 142501.	7.8	59

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37	Folding model analysis of elastic and inelastic proton scattering on sulfur isotopes. Nuclear Physics A, 2002, 706, 61-84.	1.5	58
38	Gamow-Teller response within Skyrme random-phase approximation plus particle-vibration coupling. Physical Review C, 2012, 85, .	2.9	58
39	Microscopic linear response calculations based on the Skyrme functional plus the pairing contribution. Physical Review C, 2008, 78, .	2.9	56
40	\hat{I}^3 spectroscopy of calcium nuclei around doubly magic ^{48}Ca using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	2.9	56
41	Tensor correlations and evolution of single-particle energies in medium-mass nuclei. Physical Review C, 2008, 77, .	2.9	55
42	Spin-isospin excitations as quantitative constraints for the tensor force. Physical Review C, 2011, 83, .	2.9	51
43	Gamow-Teller response and its spreading mechanism in doubly magic nuclei. Physical Review C, 2014, 90, .	2.9	51
44	Probing the nature of particle-core couplings in ^{49}Ca with \hat{I}^3 spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	4.1	48
45	Microscopic study of the isoscalar giant monopole resonance in Cd, Sn, and Pb isotopes. Physical Review C, 2012, 86, .	2.9	48
46	Charged-current neutrino- ^{208}Pb reactions. Physical Review C, 2002, 65, .	2.9	46
47	Fully self-consistent charge-exchange quasiparticle random-phase approximation and its application to isobaric analog resonances. Physical Review C, 2005, 72, .	2.9	46
48	Spin and spin-isospin instabilities and Landau parameters of Skyrme interactions with tensor correlations. Physical Review C, 2010, 81, .	2.9	45
49	Properties of single-particle states in a fully self-consistent particle-vibration coupling approach. Physical Review C, 2014, 89, .	2.9	45
50	Isovector spin-singlet ($T = 1, S = 0$) and isoscalar spin-triplet ($T = 0, S = 1$) pairing interactions and spin-isospin response. Physica Scripta, 2016, 91, 083011.	2.5	44
51	C28: A possible room temperature organic superconductor. Physical Review B, 2000, 62, 130-133.	3.2	43
52	Multiple excitation of giant dipole resonances in relativistic heavy ion collisions. Physical Review Letters, 1994, 72, 1168-1171.	7.8	42
53	Theoretical understanding of the nuclear incompressibility: where do we stand?. Nuclear Physics A, 2004, 731, 15-27.	1.5	42
54	Isospin mixing in the $N=Z$ nucleus ^{64}Ge . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 56-62.	4.1	40

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55	Effect of pairing correlations on incompressibility and symmetry energy in nuclear matter and finite nuclei. <i>Physical Review C</i> , 2010, 82, .	2.9	40
56	Beyond Mean-Field Theories with Zero-Range Effective Interactions: A Way to Handle the Ultraviolet Divergence. <i>Physical Review Letters</i> , 2010, 105, 262501.	7.8	39
57	Stellar electron-capture rates on nuclei based on a microscopic Skyrme functional. <i>Physical Review C</i> , 2012, 86, .	2.9	39
58	Low-energy collective Gamow-Teller states and isoscalar pairing interaction. <i>Physical Review C</i> , 2014, 90, .	2.9	38
59	Measurement of the Isoscalar Monopole Response in the Neutron-Rich Nucleus ^{68}Ni High-resolution study of Gamow-Teller excitations in the ^{68}Ca nucleus TJ ET	7.8	38
60	Quasiparticle random-phase approximation with quasiparticle-vibration coupling: Application to the Gamow-Teller response of the superfluid nucleus ^{120}Sn .	2.9	37
61	Nuclear Symmetry Energy and the Breaking of the Isospin Symmetry: How Do They Reconcile with Each Other?. <i>Physical Review Letters</i> , 2018, 120, 202501.	7.8	35
62	Isospin mixing in proton-rich $N\%Z$ nuclei. <i>Physical Review C</i> , 1995, 52, R1175-R1178.	2.9	34
63	Continuum particle-vibration coupling method in coordinate-space representation for finite nuclei. <i>Physical Review C</i> , 2012, 86, .	2.9	34
64	Covariance analysis for energy density functionals and instabilities. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015, 42, 034033.	3.6	34
65	Model dependence of the neutron-skin thickness on the symmetry energy. <i>Physical Review C</i> , 2016, 93, .	2.9	34
66	Interplay of quasiparticle-vibration coupling and pairing correlations on \hat{I}^2 -decay half-lives. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 780, 325-331.	4.1	34
67	Enhanced Quadrupole and Octupole Strength in Doubly Magic ^{132}Sn .	7.8	33
68	Pairing matrix elements and pairing gaps with bare, effective, and induced interactions. <i>Physical Review C</i> , 2005, 72, .	2.9	32
69	Electron-phonon coupling in charged buckminsterfullerene. <i>Chemical Physics Letters</i> , 1998, 286, 350-354.	2.6	31
70	Effect of ground-state deformation on isoscalar giant resonances in ^{28}Si .	2.9	31
71	Collective excitations in superfluid nuclei with finite-range interactions. <i>Nuclear Physics A</i> , 2003, 726, 3-36.	1.5	29

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73	Beyond the mean field in the particle-vibration coupling scheme. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 085109.	3.6	28
74	Nuclear-matter distribution in the proton-rich nuclei ⁷ Be and ⁸ B from intermediate energy proton elastic scattering in inverse kinematics. Nuclear Physics A, 2019, 989, 40-58.	1.5	28
75	Widths of isobaric analog resonances: A microscopic approach. Physical Review C, 1998, 57, 3049-3054.	2.9	27
76	Dielectric theorem within the Hartree-Fock-Bogoliubov framework. Physical Review C, 2009, 79, .	2.9	27
77	The mutable nature of particle-core excitations with spin in the one-valence-proton nucleus ¹³³ Sb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 273-278.	4.1	27
78	Attractive and repulsive contributions of medium fluctuations to nuclear superfluidity. Physical Review C, 2005, 72, .	2.9	26
79	The compression modes in atomic nuclei and their relevance for the nuclear equation of state. Physics of Particles and Nuclei, 2008, 39, 286-305.	0.7	26
80	Effects of tensor correlations on low-lying collective states in finite nuclei. Physical Review C, 2011, 83, .	2.9	26
81	Skyrme functional with tensor terms from <i>ab initio</i> calculations of neutron-proton drops. Physical Review C, 2019, 99, .	2.9	26
82	What can we learn from recent non-relativistic mean field calculations ?. Nuclear Physics A, 2007, 788, 173-181.	1.5	25
83	Constraining the density dependence of the symmetry energy from nuclear masses. Physical Review C, 2013, 87, .	2.9	25
84	Equation of state of nuclear matter from empirical constraints. Physical Review C, 2014, 90, .	2.9	25
85	Spreading width of the isobaric analog state and isospin mixing. Physical Review C, 1996, 54, 2954-2958.	2.9	23
86	Extended Skyrme interaction: II. Ground state of nuclei and of nuclear matter. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 125103.	3.6	23
87	Nuclear single-particle states: dynamical shell model and energy density functional methods. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064013.	3.6	23
88	Determination of local energy density functionals from Brueckner-Hartree-Fock calculations. Physical Review C, 2011, 84, .	2.9	23
89	Second-order equation of state with the full Skyrme interaction: Toward new effective interactions for beyond-mean-field models. Physical Review C, 2012, 85, .	2.9	23
90	Isoscalar response of ^{68}Ni to ^{68}Ni -particle and deuteron probes. Physical Review C, 2015, 92, .	2.9	23

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91	Multipole excitations in hot nuclei within the finite temperature quasiparticle random phase approximation framework. <i>Physical Review C</i> , 2017, 96, .	2.9	23
92	Towards a self-consistent dynamical nuclear model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 044001.	3.6	22
93	Nuclear density functional theory. <i>Advances in Physics: X</i> , 2020, 5, 1740061.	4.1	22
94	Solid State Physics of Finite Systems. <i>Advanced Texts in Physics</i> , 2004, , .	0.5	21
95	Incompressibility of finite fermionic systems: Stable and exotic atomic nuclei. <i>Physical Review C</i> , 2013, 87, .	2.9	21
96	Outer crust of a cold non-accreting magnetar. <i>Physical Review C</i> , 2015, 92, .	2.9	20
97	Fully self-consistent study of charge-exchange resonances and the impact on the symmetry energy parameters. <i>Physical Review C</i> , 2016, 94, .	2.9	20
98	The (t,He3) reaction at 43 MeV/nucleon onCa48andNi58: Results and microscopic interpretation. <i>Physical Review C</i> , 2006, 73, .	2.9	19
99	Constraints on the neutron skin and symmetry energy from the anti-analog giant dipole resonance in ^{208}Pb . <i>Physical Review C</i> , 2015, 92, .	2.9	19
100	Simulation of the ELIGANT-GN array performances at ELI-NP for gamma beam energies larger than neutron threshold. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 916, 257-274.	1.6	19
101	Effect of temperature on the effective mass and the neutron skin of nuclei. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	18
102	Isovector properties of Skyrme-type effective interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 363, 5-11.	4.1	17
103	Microscopic theory of the β^3 decay of nuclear giant resonances. <i>Physical Review C</i> , 2012, 85, .	2.9	17
104	Evolution of the dipole polarizability in the stable tin isotope chain. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135804.	4.1	17
105	Gamow-Teller excitations at finite temperature: Competition between pairing and temperature effects. <i>Physical Review C</i> , 2020, 101, .	2.9	17
106	Restoration of isospin symmetry in highly excited nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 444, 1-6.	4.1	16
107	Compression modes in nuclei: theoretical approaches. <i>Nuclear Physics A</i> , 2001, 687, 44-51.	1.5	16
108	Fast-timing lifetime measurements of excited states in ^{67}Cu . <i>Physical Review C</i> , 2014, 89, .	2.9	16

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109	Probing particle-phonon-coupled states in the neutron-rich nucleus ^{65}Cu by lifetime measurements with fast-timing techniques. <i>Physical Review C</i> , 2014, 89, .	2.9	16
110	Interplay between low-lying isoscalar and isovector dipole modes: A comparative analysis between semiclassical and quantum approaches. <i>Physical Review C</i> , 2019, 99, .	2.9	16
111	Nuclear energy density functionals grounded in <i>ab initio</i> calculations. <i>Physical Review C</i> , 2021, 104, .	2.9	16
112	Spectral line shape of exotic nuclei. <i>Physical Review C</i> , 1996, 54, R2143-R2145.	2.9	15
113	Second-order equation of state with the Skyrme interaction: Cutoff and dimensional regularization with the inclusion of rearrangement terms. <i>Physical Review C</i> , 2016, 94, .	2.9	15
114	Isoscalar monopole and quadrupole modes in Mo isotopes: Microscopic analysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135940.	4.1	15
115	Correlation energy contribution to nuclear masses. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, 1353-1360.	3.6	14
116	Nuclear matter distributions in the neutron-rich carbon isotopes ^{14}C – ^{17}C from intermediate-energy proton elastic scattering in inverse kinematics. <i>Nuclear Physics A</i> , 2021, 1008, 122154.	1.5	14
117	Excited states of neutron-rich nuclei: mean field theory and beyond. <i>Nuclear Physics A</i> , 2003, 722, C111-C116.	1.5	13
118	Constraints, Limits and Extensions for Nuclear Energy Functionals. , 2009, , .		13
119	Hybrid configuration mixing model for odd nuclei. <i>Physical Review C</i> , 2017, 95, .	2.9	13
120	Stellar electron-capture rates based on finite-temperature relativistic quasiparticle random-phase approximation. <i>Physical Review C</i> , 2020, 102, .	2.9	13
121	Spin-dipole excitations in ^{16}O and tensor correlations. <i>Physical Review C</i> , 2011, 84, .	2.9	12
122	Particle-vibration coupling for giant resonances beyond the diagonal approximation. <i>Physical Review C</i> , 2020, 101, .	2.9	12
123	Effects of collective modes on shell structure of ^{10}Be and ^{24}O core. <i>Nuclear Physics A</i> , 2001, 695, 167-176.	1.5	11
124	Coulomb exchange functional with generalized gradient approximation for self-consistent Skyrme Hartree-Fock calculations. <i>Physical Review C</i> , 2019, 99, .	2.9	11
125	Nuclear excitations within microscopic EDF approaches: Pairing and temperature effects on the dipole response. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	11
126	Damping of giant resonances due to particle-phonon coupling. <i>Nuclear Physics A</i> , 2001, 687, 282-288.	1.5	10

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145	Softening the long- λ -wavelength electromagnetic response of finite quantal systems. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1997, 40, 240-249.	1.0	7
146	Isospin mixing and Coulomb mixing in ground states of even-even nuclei. <i>Physical Review C</i> , 2019, 99, .	2.9	7
147	Spin-dipole nuclear matrix element for the double beta decay of ^{76}Ge by the (^3He , t) charge-exchange reaction. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 05LT01.	3.6	7
148	Microscopic origin of the giant resonance structure. <i>Nuclear Physics A</i> , 1994, 569, 333-342.	1.5	6
149	Bond-charge-model calculation of vibrational properties in small carbon aggregates: From spherical clusters to linear chains. <i>Physical Review B</i> , 1998, 58, 11000-11008.	3.2	6
150	Response function beyond mean field of neutron-rich nuclei. <i>Nuclear Physics A</i> , 1999, 649, 335-343.	1.5	6
151	Neutrino-nucleus interactions and nuclear giant resonances. <i>Nuclear Physics A</i> , 2001, 687, 289-296.	1.5	6
152	The nuclear symmetry energy and the breaking of the isospin symmetry: how do they reconcile with each other?. <i>EPJ Web of Conferences</i> , 2018, 194, 01002.	0.3	6
153	Learning about the structure of giant resonances from their β^3 decay. <i>Physical Review C</i> , 2021, 103, .	2.9	6
154	Where is the non-spin-flip isovector monopole resonance in ^{208}Pb . <i>Physical Review C</i> , 1996, 53, 2201-2206.	2.9	5
155	Electron-phonon interaction in C_{70} . <i>Physical Review B</i> , 2000, 61, 7775-7780.	3.2	5
156	Extended Skyrme Interaction in the Spin Channel. <i>Progress of Theoretical Physics Supplement</i> , 2012, 196, 172-175.	0.1	5
157	New Skyrme energy density functional for a better description of the Gamow-Teller resonance. <i>Physica Scripta</i> , 2013, T154, 014011.	2.5	5
158	Collective excitations involving spin and isospin degrees of freedom. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	5
159	Pairing in exotic and in stable nuclei. <i>European Physical Journal A</i> , 2003, 20, 81-85.	2.5	4
160	Effect of the Tensor Force on Charge-Exchange Spin-Dependent Multipole Excitations. <i>Chinese Physics Letters</i> , 2010, 27, 102101.	3.3	4
161	Microscopic theory of particle-vibration coupling. <i>Journal of Physics: Conference Series</i> , 2011, 321, 012018.	0.4	4
162	Double charge-exchange phonon states. <i>Physical Review C</i> , 2020, 101, .	2.9	4

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163	Isospin Symmetry Breaking Effects on the Mass-Radius Relation of a Neutron Star. <i>Symmetry</i> , 2021, 13, 144.	2.2	4
164	Deducing the nuclear-matter incompressibility coefficient from data on isoscalar compression modes. <i>Phys. Rev. C</i> , 2006, 73, 23-30.		4
165	Compression modes in nuclei: RPA and QRPA predictions with Skyrme interactions. <i>Physics of Atomic Nuclei</i> , 2001, 64, 1044-1047.	0.4	3
166	NUCLEAR EXCITATIONS AND WEAK INTERACTION RATES AT FINITE TEMPERATURE. <i>Modern Physics Letters A</i> , 2010, 25, 1767-1770.	1.2	3
167	Effect of pairing on the symmetry energy and the incompressibility. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	3
168	High-resolution study of Gamow-Teller transitions in the ^{12}C nucleus. <i>Phys. Rev. Lett.</i> , 2015, 114, 112501.		

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181	Particle-vibration coupling in halo nuclei. Nuclear Physics A, 2005, 752, 345-348.	1.5	1
182	The role of quantal fluctuations in the optical response of small metal clusters. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1581-1589.	1.5	1
183	Pairing correlations in nuclei: bare, induced and effective interactions. Physica Scripta, 2006, T125, 94-95.	2.5	1
184	Microscopic calculations of charge-exchange nuclear modes. Physics of Atomic Nuclei, 2007, 70, 1415-1422.	0.4	1
185	Nonrelativistic nuclear energy functionals. European Physical Journal: Special Topics, 2008, 156, 229-236.	2.6	1
186	Interplay of Tensor Correlations and Vibrational Coupling for Nuclear Single-Particle States. , 2009, , .		1
187	EXTENDED SKYRME INTERACTION IN THE SPIN CHANNEL. Modern Physics Letters A, 2010, 25, 1771-1774.	1.2	1
188	Sensitivity of the electric dipole polarizability to the neutron skin thickness in [^{sup} 208]Pb. , 2012, , .		1
189	Complete \hat{I}^3 -spectroscopy of n-rich nuclei around ⁴⁸ Ca with Multi-Nucleon Transfer reactions. Journal of Physics: Conference Series, 2012, 381, 012046.	0.4	1
190	Search for particle- \hat{I}^3 -vibration coupling in ⁶⁵ Cu. EPJ Web of Conferences, 2014, 66, 02011.	0.3	1
191	Progress in nuclear structure beyond the mean-field approximation. Physica Scripta, 2014, 89, 054006.	2.5	1
192	Stellar electron-capture rates on nuclei based on Skyrme functionals. EPJ Web of Conferences, 2014, 66, 02035.	0.3	1
193	\hat{I}^2 -decay of magic nuclei: Beyond mean-field description. AIP Conference Proceedings, 2015, , .	0.4	1
194	The Gamow- \hat{I}^2 -Teller excitation and its spreading mechanism. Physica Scripta, 2015, 90, 114017.	2.5	1
195	A microscopic approach based on particle-vibration coupling: application to charge-exchange transitions and multiplets in odd nuclei. EPJ Web of Conferences, 2016, 107, 06001.	0.3	1
196	Particle-vibration coupling: Recent advances in microscopic calculations with the Skyrme Hamiltonian. Physics of Atomic Nuclei, 2016, 79, 858-867.	0.4	1
197	Beyond mean-field description of Gamow-Teller resonances and \hat{I}^2 -decay. Journal of Physics: Conference Series, 2018, 966, 012046.	0.4	1
198	Isobaric analog state energy in deformed nuclei: A toy model. Physical Review C, 2020, 102, .	2.9	1

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199	Extended Lipkin-Meshkov-Glick Hamiltonian. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 05LT01.	3.6	1
200	Oscillations of finite quantal fermi systems. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1994, 31, 181-185.	1.0	0
201	Giant resonances and photoemission in atomic quantum wires. Nuclear Physics A, 1999, 649, 440-446.	1.5	0
202	Nuclear field theory and highly forbidden nuclear decays: the case of ¹²³ Te. European Physical Journal D, 2000, 50, 509-517.	0.4	0
203	Dynamical Effects beyond Mean Field in Drip Line Nuclei. Progress of Theoretical Physics Supplement, 2002, 146, 153-158.	0.1	0
204	Mean field and beyond in nuclei far from stability lines. Physics of Atomic Nuclei, 2004, 67, 1640-1644.	0.4	0
205	Relativistic and nonrelativistic calculations of the isoscalar monopole and dipole states. Physics of Atomic Nuclei, 2004, 67, 1731-1736.	0.4	0
206	Microscopic Calculations of Charge-Exchange Excitations in Stable and Unstable Nuclei. AIP Conference Proceedings, 2006, , .	0.4	0
207	Correlation energy contribution to nuclear masses. Progress in Particle and Nuclear Physics, 2007, 59, 467-469.	14.4	0
208	Critical assessment of mean field models based on effective interactions. Physics of Atomic Nuclei, 2007, 70, 1344-1349.	0.4	0
209	Binding energies and medium polarization effects. Physics of Atomic Nuclei, 2007, 70, 1375-1379.	0.4	0
210	THE SYMMETRY ENERGY AND OTHER OPEN QUESTIONS CONCERNING EFFECTIVE FUNCTIONALS. International Journal of Modern Physics E, 2009, 18, 1008-1013.	1.0	0
211	Gamma decay of giant resonances by using Skyrme functionals. Journal of Physics: Conference Series, 2011, 336, 012010.	0.4	0
212	The inclusion of tensor terms in the nonrelativistic nuclear Energy Density Functionals. Journal of Physics: Conference Series, 2011, 336, 012007.	0.4	0
213	Some open questions for microscopic nuclear structure models and hints for spectroscopic measurements. Hyperfine Interactions, 2011, 199, 175-189.	0.5	0
214	Effect of Tensor Force on the Multipole Resonances of Finite Nuclei. Progress of Theoretical Physics Supplement, 2012, 196, 322-327.	0.1	0
215	A microscopic particle-vibration coupling model applied to single-particle states and giant resonances. , 2012, , .		0
216	The pygmy dipole strength, the neutron radius of ²⁰⁸ Pb and the symmetry energy. Journal of Physics: Conference Series, 2012, 342, 012009.	0.4	0

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