

Time-dependent density-functional description of nuclei

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Self-consistent collective coordinate for reaction path and inertial mass. Physical Review C, 2016, 94, .	1.1	14
2	Anderson-Bogoliubov phonons in the inner crust of neutron stars: Dipole excitation in a spherical Wigner-Seitz cell. Physical Review C, 2017, 96, .	1.1	8
3	Implementation of a finite-amplitude method in a relativistic meson-exchange model. Physical Review C, 2017, 96, .	1.1	10
4	Microscopic study of induced fission dynamics of ^{226}Th with covariant energy density functionals. Physical Review C, 2017, 96, .	1.1	61
5	Transport properties of isospin asymmetric nuclear matter using the time-dependent Hartree-Fock method. Physical Review C, 2017, 96, .	1.1	37
6	From bare interactions, low-energy constants, and unitary gas to nuclear density functionals without free parameters: Application to neutron matter. Physical Review C, 2017, 95, .	1.1	18
7	Novel Role of Superfluidity in Low-Energy Nuclear Reactions. Physical Review Letters, 2017, 119, 042501.	2.9	51
8	Microscopic description of production cross sections including deexcitation effects. Physical Review C, 2017, 96, .	1.1	48
9	Adiabatic self-consistent collective path in nuclear fusion reactions. Physical Review C, 2017, 96, .	1.1	13
10	Multinucleon transfer in central collisions of $^{238}\text{U} + ^{238}\text{U}$. Physical Review C, 2017, 96, .	1.1	38
11	Cluster formation in precompound nuclei in the time-dependent framework. Physical Review C, 2017, 96, .	1.1	25
12	Enhanced nucleon transfer in tip collisions of $^{238}\text{U} + ^{124}\text{Sn}$. Physical Review C, 2017, 96, .	1.1	44
13	Multipole modes of excitation in triaxially deformed superfluid nuclei. Physical Review C, 2017, 96, .	1.1	12
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16	Skyrme tensor force in the collision $^{16}\text{O} + ^{40}\text{Ca}$. EPJ Web of Conferences, 2017, 163, 00021.	0.1	6
17	Relation of α terms to higher-order terms in the adiabatic expansion for large-amplitude collective motion. Progress of Theoretical and Experimental Physics, 2017, 2017, .	1.8	0
18	Fusion with exotic nuclei using a microscopic approach. EPJ Web of Conferences, 2017, 163, 00062.	0.1	3

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22	Two-body contributions to the effective mass in nuclear effective interactions. Physical Review C, 2018, 97, .	1.1	15
23	Comparative study of the requantization of the time-dependent mean field for the dynamics of nuclear pairing. Physical Review C, 2018, 97, .	1.1	3
24	Nuclear equation of state from ground and collective excited state properties of nuclei. Progress in Particle and Nuclear Physics, 2018, 101, 96-176.	5.6	155
25	Thouless-Valatin rotational moment of inertia from linear response theory. Physical Review C, 2018, 97, .	1.1	8
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30	Influence of the tensor force on the microscopic heavy-ion interaction potential. Physical Review C, 2018, 98, .	1.1	24
31	Low-lying collective excited states in nonintegrable pairing models based on the stationary-phase approximation to the path integral. Physical Review C, 2018, 98, .	1.1	2
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33	Heavy nuclei: Introduction to density functional theory and variations on the theme†. European Physical Journal Plus, 2018, 133, 1.	1.2	2
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38	Multipole Modes for Triaxially Deformed Superfluid Nuclei. , 2018, , .		3
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49	Microscopic studies of production cross sections in multinucleon transfer reaction $^{11}\text{Ni} + ^{124}\text{Sn}$. <i>Physical Review C</i> , 2019, 100, .	1.1	41
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66	Time-dependent covariant density functional theory in three-dimensional lattice space: Benchmark calculation for the $^{16}\text{O} + ^{16}\text{O}$ reaction. Physical Review C, 2020, 102, .	1.1	22
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74	Time-dependent generator coordinate method for many-particle tunneling. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135693.	1.5	4
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138	Theory of nuclear fission. <i>Progress in Particle and Nuclear Physics</i> , 2022, 125, 103963.	5.6	34
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152	Relativistic Density-Functional Theories. , 2022, , 1-32.		0
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162	$\text{xmlns:mml}="http://www.w3.org/1998/Math/MathML">\text{<mml:mmultiscripts>\text{<mml:mi>Fl}</mml:mi>\text{<mml:none>\text{</mml:mo>^*}</mml:mo>\text{<mml:mprescripts>\text{</mml:none>\text{</mml:mrow>\text{<mml:mn>287}</mml:mn>\text{</mml:mmultiscripts>\text{<mml:mo>,</mml:mo>\text{<mml:mn>288}</mml:mn>\text{</mml:mmultiscripts>\text{<mml:mo>,</mml:mo>\text{<mml:mn>290}</mml:mn>\text{</mml:mmultiscripts>\text{</mml:mrow>\text{</mml:math>formed in the complete fusion reactions$	1.1	2
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176	Theoretical Methods for Giant Resonances. , 2023, , 577-605.		0
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