

Elena Litvinova

List of Publications by Year in descending order

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35
papers

659
citations

516710

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552781

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35
all docs

35
docs citations

35
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond-mean-field calculations of allowed and first-forbidden β^+ decays of r -process waiting-point nuclei. EPJ Web of Conferences, 2022, 260, 03002.	0.3	1
2	Many-body approach to superfluid nuclei in axial geometry. Physical Review C, 2022, 105, .	2.9	7
3	Impact of complex many-body correlations on electron capture in thermally excited nuclei around ^{78}Ni . Physical Review C, 2021, 103, .	2.9	18
4	Many-body theory for quasiparticle states in superfluid fermionic systems. Physical Review C, 2021, 104, .	2.9	6
5	Nuclear superfluidity at finite temperature. Physical Review C, 2021, 104, .	2.9	3
6	Temperature dependence of nuclear spin-isospin response and beta decay in hot astrophysical environments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135134.	4.1	19
7	Many-body correlations in nuclear superfluidity. Physical Review C, 2020, 102, .	2.9	11
8	Temperature evolution of the nuclear shell structure and the dynamical nucleon effective mass. Physical Review C, 2020, 102, .	2.9	3
9	Nuclear dipole response in the finite-temperature relativistic time-blocking approximation. Physical Review C, 2019, 100, .	2.9	15
10	Nuclear response at zero and finite temperature. EPJ Web of Conferences, 2019, 223, 01033.	0.3	0
11	Time-Reversed Particle-Vibration Loops and Nuclear Gamow-Teller Response. Physical Review Letters, 2019, 123, 202501.	7.8	35
12	Toward an accurate strongly coupled many-body theory within the equation-of-motion framework. Physical Review C, 2019, 100, .	2.9	30
13	Nuclear response in a finite-temperature relativistic framework. European Physical Journal A, 2019, 55, 1.	2.5	14
14	Soft modes in the proton-neutron pairing channel as precursors of deuteron condensate in $N=Z$ nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 72-77.	4.1	9
15	Isospin dynamics in nuclear structure. EPJ Web of Conferences, 2018, 182, 02075.	0.3	1
16	Coupling charge-exchange vibrations to nucleons in a relativistic framework: Effect on Gamow-Teller transitions and β^+ -decay half-lives. Physical Review C, 2018, 98, .	2.9	28
17	Finite-Temperature Relativistic Nuclear Field Theory: An Application to the Dipole Response. Physical Review Letters, 2018, 121, 082501.	7.8	25
18	Spin-orbit splittings of neutron states in $N > Z$ nuclei from covariant density functionals and their extensions. Physical Review C, 2017, 95, .	2.9	20

#	ARTICLE	IF	CITATIONS
19	Variation of fundamental constants and 229Th. , 2017, , .		0
20	Quasiparticle-vibration coupling effects on nuclear transitions of astrophysical interest. AIP Conference Proceedings, 2017, , .	0.4	2
21	Pionâ€nucleon correlations in finite nuclei in a relativistic framework: Effects on the shell structure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 138-144.	4.1	20
22	Electric dipole response of neutron-rich calcium isotopes in relativistic quasiparticle time blocking approximation. Physical Review C, 2016, 94, .	2.9	33
23	Nuclear response theory for spin-isospin excitations in a relativistic quasiparticle-phonon coupling framework. European Physical Journal A, 2016, 52, 1.	2.5	46
24	Nuclear shell structure and response with quasiparticle-vibration coupling. International Review of Nuclear Physics, 2016, , 469-516.	1.0	3
25	Impact of pion dynamics on nuclear shell structure. AIP Conference Proceedings, 2015, , .	0.4	0
26	Isospin transfer modes in exotic nuclei. EPJ Web of Conferences, 2015, 93, 01019.	0.3	0
27	Nuclear response theory with multiphonon coupling in a covariant framework. Physical Review C, 2015, 91, .	2.9	27
28	Low-energy limit of the radiative dipole strength in nuclei. Physical Review C, 2013, 88, .	2.9	51
29	Relativistic two-phonon model for the low-energy nuclear response. Physical Review C, 2013, 88, .	2.9	41
30	Microscopic Description of Nuclear Vibrations: Relativistic QRPA and Its Extensions with Quasiparticle-Vibration Coupling. , 2013, , 125-137.		1
31	Quasiparticle-vibration coupling in a relativistic framework: Shell structure of ^{120}Sn isotopes. Physical Review C, 2012, 85, .	2.9	52
32	Electric dipole response in ^{120}Sn . Journal of Physics: Conference Series, 2011, 312, 092029.	0.4	0
33	Covariant Density Functional Theory for Excited States in Nuclei. Journal of Physics: Conference Series, 2011, 321, 012022.	0.4	0
34	Mode Coupling and the Pygmy Dipole Resonance in a Relativistic Two-Phonon Model. Physical Review Letters, 2010, 105, 022502.	7.8	88
35	Nuclear structure of lowest ^{229}Th states and time-dependent fundamental constants. Physical Review C, 2009, 79, .	2.9	53