

Esra YÃ¼ksel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

219
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing the relativistic energy density functional with nuclear ground state and collective excitation properties. <i>Physical Review C</i> , 2019, 99, .	2.9	36
2	Analysis of the neutron and proton contributions to the pygmy dipole mode in doubly magic nuclei. <i>Nuclear Physics A</i> , 2012, 877, 35-50.	1.5	30
3	Multipole excitations in hot nuclei within the finite temperature quasiparticle random phase approximation framework. <i>Physical Review C</i> , 2017, 96, .	2.9	23
4	Nuclear binding energy predictions using neural networks: Application of the multilayer perceptron. <i>International Journal of Modern Physics E</i> , 2021, 30, 2150017.	1.0	22
5	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
6	Gamow-Teller excitations at finite temperature: Competition between pairing and temperature effects. <i>Physical Review C</i> , 2020, 101, .	2.9	17
7	Stellar electron-capture rates based on finite-temperature relativistic quasiparticle random-phase approximation. <i>Physical Review C</i> , 2020, 102, .	2.9	13
8	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
9	Evolution of β -decay half-lives in stellar environments. <i>Physical Review C</i> , 2021, 104, .	2.9	11
10	Effects of the tensor force on the ground state and first 2+ states of the magic ^{54}Ca nucleus. <i>Physical Review C</i> , 2014, 89, .	2.9	10
11	Low-energy quadrupole states in neutron-rich tin nuclei. <i>Physical Review C</i> , 2018, 97, .	2.9	9
12	The soft Giant Monopole Resonance as a probe of the spin-orbit splitting. <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	6
13	Nuclear Equation of State in the Relativistic Point-Coupling Model Constrained by Excitations in Finite Nuclei. <i>Universe</i> , 2021, 7, 71.	2.5	4
14	Temperature dependence of nuclear properties: A systematic study along the isotopic and isotonic chains of nuclei. <i>Nuclear Physics A</i> , 2021, 1014, 122238.	1.5	4
15	TENSOR EFFECTS IN PYGMY DIPOLE EXCITATION. <i>International Journal of Modern Physics E</i> , 2011, 20, 2143-2151.	1.0	3
16	DETAILED INVESTIGATION OF THE TENSOR FORCE ON THE EVALUATION OF THE SINGLE PARTICLE LEVELS OF $Z = 28$ AND $Z = 82$ NUCLEI. <i>Modern Physics Letters A</i> , 2013, 28, 1350177.	1.2	1
17	Pairing properties of hot nuclei within the finite temperature Hartree Fock+BCS approximation. <i>Journal of Physics: Conference Series</i> , 2014, 533, 012019.	0.4	1
18	Tensor Effects in Dipole Excitations at Finite Temperature. <i>Acta Physica Polonica A</i> , 2013, 123, 320-322.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Gamowâ€™Teller strength in ^{56}Fe nucleus at finite temperatures. Turkish Journal of Physics, 2018, 42, 613-620.	1.1	0
20	Description of weak-interaction rates within the relativistic energy density functional theory. EPJ Web of Conferences, 2022, 260, 11032.	0.3	0