

# Esra YÃ¼ksel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3780507/publications.pdf>

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	Description of weak-interaction rates within the relativistic energy density functional theory. EPJ Web of Conferences, 2022, 260, 11032.	0.3	0
2	Nuclear binding energy predictions using neural networks: Application of the multilayer perceptron. International Journal of Modern Physics E, 2021, 30, 2150017.	1.0	22
3	Nuclear Equation of State in the Relativistic Point-Coupling Model Constrained by Excitations in Finite Nuclei. Universe, 2021, 7, 71.	2.5	4
4	Temperature dependence of nuclear properties: A systematic study along the isotopic and isotonic chains of nuclei. Nuclear Physics A, 2021, 1014, 122238.	1.5	4
5	Evolution of $\beta$ -decay half-lives in stellar environments. Physical Review C, 2021, 104, .	2.9	11
6	Gamow-Teller excitations at finite temperature: Competition between pairing and temperature effects. Physical Review C, 2020, 101, .	2.9	17
7	Stellar electron-capture rates based on finite-temperature relativistic quasiparticle random-phase approximation. Physical Review C, 2020, 102, .	2.9	13
8	Optimizing the relativistic energy density functional with nuclear ground state and collective excitation properties. Physical Review C, 2019, 99, .	2.9	36
9	Nuclear excitations within microscopic EDF approaches: Pairing and temperature effects on the dipole response. European Physical Journal A, 2019, 55, 1.	2.5	11
10	Gamow-Teller strength in $^{56}\text{Fe}$ nucleus at finite temperatures. Turkish Journal of Physics, 2018, 42, 613-620.	1.1	0
11	Low-energy quadrupole states in neutron-rich tin nuclei. Physical Review C, 2018, 97, .	2.9	9
12	Multipole excitations in hot nuclei within the finite temperature quasiparticle random phase approximation framework. Physical Review C, 2017, 96, .	2.9	23
13	Effect of temperature on the effective mass and the neutron skin of nuclei. European Physical Journal A, 2014, 50, 1.	2.5	18
14	Effects of the tensor force on the ground state and first 2+ states of the magic $^{54}\text{Ca}$ nucleus. Physical Review C, 2014, 89, .	2.9	10
15	Pairing properties of hot nuclei within the finite temperature Hartree Fock+BCS approximation. Journal of Physics: Conference Series, 2014, 533, 012019.	0.4	1
16	The soft Giant Monopole Resonance as a probe of the spin-orbit splitting. European Physical Journal A, 2013, 49, 1.	2.5	6
17	Tensor Effects in Dipole Excitations at Finite Temperature. Acta Physica Polonica A, 2013, 123, 320-322.	0.5	0
18	DETAILED INVESTIGATION OF THE TENSOR FORCE ON THE EVALUATION OF THE SINGLE PARTICLE LEVELS OF $Z = 28$ AND $Z = 82$ NUCLEI. Modern Physics Letters A, 2013, 28, 1350177.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Analysis of the neutron and proton contributions to the pygmy dipole mode in doubly magic nuclei. Nuclear Physics A, 2012, 877, 35-50.	1.5	30
20	TENSOR EFFECTS IN PYGMY DIPOLE EXCITATION. International Journal of Modern Physics E, 2011, 20, 2143-2151.	1.0	3