

Adriana R Raduta

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,137
citations

361413

20
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	Equations of state for hot neutron stars-II. The role of exotic particle degrees of freedom. European Physical Journal A, 2022, 58, .	2.5	12
2	$\hat{\Gamma}$ -admixed neutron stars: Spinodal instabilities and dUrca processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136070.	4.1	25
3	Thermal evolution of relativistic hyperonic compact stars with calibrated equations of state. Physical Review D, 2021, 103, .	4.7	25
4	Maximum mass of compact stars from gravitational wave events with finite-temperature equations of state. Physical Review C, 2021, 103, .	2.9	30
5	Equations of state for hot neutron stars. European Physical Journal A, 2021, 57, 1.	2.5	15
6	Hot neutron stars and their equation of state. Physical Review C, 2021, 104, .	2.9	8
7	Proto-neutron stars with heavy baryons and universal relations. Monthly Notices of the Royal Astronomical Society, 2020, 499, 914-931.	4.4	40
8	Relativistic hypernuclear compact stars with calibrated equations of state. Physical Review D, 2020, 101, .	4.7	43
9	Impact of electron capture rates for nuclei far from stability on core-collapse supernovae. Physical Review C, 2020, 101, .	2.9	14
10	Cooling of hypernuclear compact stars: Hartree-Fock models and high-density pairing. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2639-2652.	4.4	19
11	Cooling of hypernuclear compact stars. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4347-4356.	4.4	44
12	Nuclear skin and the curvature of the symmetry energy. Physical Review C, 2018, 97, .	2.9	8
13	Stellar electron capture rates on neutron-rich nuclei and their impact on stellar core collapse. Physical Review C, 2017, 95, .	2.9	24
14	Constraints on the nuclear equation of state from nuclear masses and radii in a Thomas-Fermi meta-modeling approach. Physical Review C, 2017, 96, .	2.9	24
15	Impact of pairing on thermodynamical properties of stellar matter. EPJ Web of Conferences, 2016, 117, 07015.	0.3	0
16	Neutron star radii and crusts: Uncertainties and unified equations of state. Physical Review C, 2016, 94, .	2.9	235
17	Modification of magicity toward the dripline and its impact on electron-capture rates for stellar core collapse. Physical Review C, 2016, 93, .	2.9	22
18	Hyperons in neutron stars and supernova cores. European Physical Journal A, 2016, 52, 1.	2.5	47

#	ARTICLE	IF	CITATIONS
19	Unified treatment of subsaturation stellar matter at zero and finite temperature. <i>Physical Review C</i> , 2015, 92, .	2.9	102
20	Heat capacity of the neutron star inner crust within an extended nuclear statistical equilibrium model. <i>Physical Review C</i> , 2015, 92, .	2.9	22
21	Hyperons in neutron star matter within relativistic mean-field models. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015, 42, 075202.	3.6	118
22	Clusterized nuclear matter in the (proto-)neutron star crust and the symmetry energy. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	30
23	Strangeness-driven phase transition in (proto-)neutron star matter. <i>Physical Review C</i> , 2013, 87, .	2.9	33
24	Densities and energies of nuclei in dilute matter at zero temperature. <i>Physical Review C</i> , 2013, 88, .	2.9	31
25	Phase transition toward strange matter. <i>Physical Review C</i> , 2012, 86, .	2.9	22
26	Ensemble inequivalence in supernova matter within a simple model. <i>Physical Review C</i> , 2012, 85, .	2.9	16
27	Statistical description of complex nuclear phases in supernovae and proto-neutron stars. <i>Physical Review C</i> , 2010, 82, .	2.9	62
28	Break-up stage restoration in multifragmentation reactions. <i>European Physical Journal A</i> , 2007, 32, 175-182.	2.5	0
29	Break-up fragments excitation and the freeze-out volume. <i>Physical Review C</i> , 2005, 72, .	2.9	4
30	Simulation of statistical ensembles suitable for the description of nuclear multifragmentation. <i>Physical Review C</i> , 1997, 55, 1344-1352.	2.9	59