

Luiz L Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

322
citations

758635

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1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypernuclear matter in a complete SU(3) symmetry group. Physical Review C, 2014, 89, .	1.1	80
2	The Influence of Hyperons and Strong Magnetic Field in Neutron Star Properties. Brazilian Journal of Physics, 2012, 42, 428-436.	0.7	39
3	On magnetized neutron stars. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 002-002.	1.9	31
4	Modified MIT bag Models – part I: Thermodynamic consistency, stability windows and symmetry group. Physica Scripta, 2021, 96, 065303.	1.2	25
5	Quark matter under strong magnetic fields. European Physical Journal A, 2016, 52, 1.	1.0	23
6	Modified MIT Bag Models – part II: QCD phase diagram and hot quark stars. Physica Scripta, 2021, 96, 065302.	1.2	19
7	Gravitational wave signatures of highly magnetized neutron stars. European Physical Journal C, 2020, 80, 1.	1.4	18
8	Role of vector channel in different classes of (non) magnetized neutron stars. European Physical Journal A, 2020, 56, 1.	1.0	17
9	Broken SU(6) symmetry and massive hybrid stars. Nuclear Physics A, 2021, 1009, 122171.	0.6	17
10	Effects of the Symmetry Energy and its Slope on Neutron Star Properties. Brazilian Journal of Physics, 2014, 44, 774-788.	0.7	13
11	Hyperon threshold and stellar radii. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 038-038.	1.9	13
12	Hypermassive quark cores. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5110-5121.	1.6	12
13	Hyperonic neutron stars: reconciliation between nuclear properties and NICER and LIGO/VIRGO results. Communications in Theoretical Physics, 2022, 74, 015302.	1.1	9
14	The neutron star inner crust: An empirical essay. Europhysics Letters, 2021, 134, 52001.	0.7	6
15	Revisiting pulsars and magnetars. , 2013, , .		0