

Jos D v Arbail

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

428
citations

8
h-index

20
g-index

24
ext. papers

553
ext. citations

4
avg, IF

4.25
L-index

#	Paper	IF	Citations
21	Tidal deformability and radial oscillations of anisotropic polytropic spheres. <i>Physical Review D</i> , 2022 , 105,	4.9	3
20	The Structure and Stability of Massive Hot White Dwarfs. <i>Astrophysical Journal</i> , 2021 , 921, 138	4.7	0
19	Radial oscillations and stability of compact stars in $f(R, T) = R + 2T$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 064	6.4	8
18	Neutron stars in $f(R, T)$ gravity with conserved energy-momentum tensor: Hydrostatic equilibrium and asteroseismology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 055	6.4	3
17	Radial pulsation of a compact object in d dimensions. <i>Journal of Physics: Conference Series</i> , 2020 , 1558, 012003	0.3	
16	Stable relativistic polytropic objects with cosmological constant. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	1
15	Gravastar model in Randall-Sundrum braneworld. <i>Classical and Quantum Gravity</i> , 2019 , 36, 235012	3.3	2
14	Extra dimensions influence on the equilibrium and radial stability of strange quark stars. <i>Physical Review D</i> , 2019 , 100,	4.9	4
13	White dwarfs with a surface electrical charge distribution: equilibrium and stability. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	9
12	Relativistic polytropic spheres with electric charge: Compact stars, compactness and mass bounds, and quasiblack hole configurations. <i>Physical Review D</i> , 2018 , 97,	4.9	6
11	Compact stars in the braneworld: A new branch of stellar configurations with arbitrarily large mass. <i>Physical Review D</i> , 2017 , 95,	4.9	19
10	Looking for extra dimensions in compact stars. <i>Journal of Physics: Conference Series</i> , 2017 , 861, 012002	0.3	
9	Stellar equilibrium configurations of white dwarfs in the $f(R, T)$ gravity. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	57
8	Radial stability of anisotropic strange quark stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 012-012	6.4	42
7	Stellar equilibrium configurations of compact stars in $f(R, T)$ theory of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 005-005	6.4	158
6	Radial oscillations of charged strange stars. <i>Journal of Physics: Conference Series</i> , 2016 , 706, 052022	0.3	
5	Equilibrium and stability of charged strange quark stars. <i>Physical Review D</i> , 2015 , 92,	4.9	38

4	Stability of charged strange quark stars 2015 ,		8
3	Compact stars on the brane: What could they reveal about extra dimensions?. <i>Astronomische Nachrichten</i> , 2015 , 336, 876-879	0.7	5
2	Incompressible relativistic spheres: Electrically charged stars, compactness bounds, and quasiblack hole configurations. <i>Physical Review D</i> , 2014 , 89,	4.9	19
1	Polytropic spheres with electric charge: Compact stars, the Oppenheimer-Volkoff and Buchdahl limits, and quasiblack holes. <i>Physical Review D</i> , 2013 , 88,	4.9	46