

# Josã© Dâ€™Arbañil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3651901/publications.pdf>

Version: 2024-02-01

24  
papers

659  
citations

840119

11  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stellar equilibrium configurations of compact stars in $f(R, T)$ theory of gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 005-005.	1.9	216
2	Radial stability of anisotropic strange quark stars. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 012-012.	1.9	78
3	Stellar equilibrium configurations of white dwarfs in the $f(R, \hat{T})$ gravity. European Physical Journal C, 2017, 77, 1.	1.4	77
4	Equilibrium and stability of charged strange quark stars. Physical Review D, 2015, 92, .	1.6	60
5	Polytropic spheres with electric charge: Compact stars, the Oppenheimer-Volkoff and Buchdahl limits, and quasiblack holes. Physical Review D, 2013, 88, .	1.6	58
6	Compact stars in the braneworld: A new branch of stellar configurations with arbitrarily large mass. Physical Review D, 2017, 95, .	1.6	30
7	Radial oscillations and stability of compact stars in $f(R, T) = R + 2\hat{T}^2$ gravity. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 064.	1.9	23
8	Incompressible relativistic spheres: Electrically charged stars, compactness bounds, and quasiblack hole configurations. Physical Review D, 2014, 89, .	1.6	22
9	Neutron stars in $f(R, T)$ gravity with conserved energy-momentum tensor: Hydrostatic equilibrium and asteroseismology. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 055.	1.9	22
10	White dwarfs with a surface electrical charge distribution: equilibrium and stability. European Physical Journal C, 2018, 78, 1.	1.4	14
11	Relativistic polytropic spheres with electric charge: Compact stars, compactness and mass bounds, and quasiblack hole configurations. Physical Review D, 2018, 97, .	1.6	14
12	Stability of charged strange quark stars. AIP Conference Proceedings, 2015, , .	0.3	10
13	The Structure and Stability of Massive Hot White Dwarfs. Astrophysical Journal, 2021, 921, 138.	1.6	9
14	Extra dimensions influence on the equilibrium and radial stability of strange quark stars. Physical Review D, 2019, 100, .	1.6	7
15	Compact stars on the brane: What could they reveal about extra dimensions?. Astronomische Nachrichten, 2015, 336, 876-879.	0.6	5
16	Tidal deformability and radial oscillations of anisotropic polytropic spheres. Physical Review D, 2022, 105, .	1.6	5
17	Gravastar model in Randall-Sundrum braneworld. Classical and Quantum Gravity, 2019, 36, 235012.	1.5	4
18	Fluid pulsation modes from strange stars in a higher-dimensional spacetime. Physical Review D, 2020, 102, .	1.6	3

#	ARTICLE	IF	CITATIONS
19	Stable relativistic polytropic objects with cosmological constant. European Physical Journal Plus, 2020, 135, 1.	1.2	2
20	CHARGED POLYTROPIC STARS AND QUASIBLACK HOLES. , 2015, , .		0
21	Radial oscillations of charged strange stars. Journal of Physics: Conference Series, 2016, 706, 052022.	0.3	0
22	Looking for extra dimensions in compact stars. Journal of Physics: Conference Series, 2017, 861, 012002.	0.3	0
23	Radial pulsation of a compact object in d dimensions. Journal of Physics: Conference Series, 2020, 1558, 012003.	0.3	0
24	Equilibrium and stability of strange anisotropic stars. , 2017, , .		0