

Debabrata Deb

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.

29
papers

724
citations

13
h-index

26
g-index

29
ext. papers

957
ext. citations

3.6
avg. IF

4.69
L-index

#	Paper	IF	Citations
29	Anisotropic Magnetized White Dwarfs: Unifying Under- and Overluminous Peculiar and Standard Type Ia Supernovae. <i>Astrophysical Journal</i> , 2022 , 926, 66	4.7	0
28	A Relativistic Compact Stellar Model of Anisotropic Quark Matter Mixed with Dark Energy. <i>Advances in High Energy Physics</i> , 2021 , 2021, 1-7	1	0
27	Effects of Anisotropy on Strongly Magnetized Neutron and Strange Quark Stars in General Relativity. <i>Astrophysical Journal</i> , 2021 , 922, 149	4.7	2
26	Anisotropic charged strange stars in Krori-Barua spacetime under $f(R,T)$ gravity. <i>Annals of Physics</i> , 2021 , 428, 168429	2.5	3
25	Noncommutative black hole in the Finslerian spacetime. <i>Classical and Quantum Gravity</i> , 2021 , 38, 145019,3	3.3	0
24	Analytic radiation model for perfect fluid under homotopy perturbation method. <i>Indian Journal of Physics</i> , 2021 , 95, 1581-1588	1.4	1
23	Non-isothermal decomposition kinetics of nano-scale $CaCO_3$ as a function of particle size variation. <i>Ceramics International</i> , 2021 , 47, 858-864	5.1	2
22	Charged strange stellar model describing by Tolman V metric. <i>Results in Physics</i> , 2021 , 20, 103648	3.7	9
21	Study of the charged super-Chandrasekhar limiting mass white dwarfs in the $f(R,T)$ gravity. <i>Physical Review D</i> , 2020 , 101,	4.9	2
20	Study of gravastars under $f(T)$ gravity. <i>Nuclear Physics B</i> , 2020 , 954, 114986	2.8	11
19	Anisotropic strange star inspired by Finsler geometry. <i>International Journal of Modern Physics D</i> , 2020 , 29, 2050001	2.2	3
18	A study of anisotropic compact stars based on embedding class 1 condition. <i>International Journal of Modern Physics D</i> , 2019 , 28, 1950116	2.2	9
17	Generalized anisotropic models for conformal symmetry. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	14
16	Exploring physical features of anisotropic strange stars beyond standard maximum mass limit in $f(R, \mathcal{T})$ gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5652-5665	4.3	68
15	Study of anisotropic strange stars in $f(R,T)$ gravity: An embedding approach under the simplest linear functional of the matter-geometry coupling. <i>Physical Review D</i> , 2019 , 100,	4.9	59
14	Charged anisotropic strange stars in Finslerian geometry. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
13	Study on charged strange stars in $f(R, T)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 070-070	6.4	23

12	Anisotropic strange stars under simplest minimal matter-geometry coupling in the $f(R,T)$ gravity. <i>Physical Review D</i> , 2018 , 97,	4.9	51
11	Anisotropic strange star with Tolman V potential. <i>International Journal of Modern Physics D</i> , 2018 , 27, 1850089	2.2	5
10	Strange stars in $f(R,T)$ gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 044-044	6.4	57
9	Anisotropic strange stars in Tolman-Ruchowicz spacetime. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	42
8	Relativistic fluid spheres with Karmarkar condition. <i>International Journal of Modern Physics D</i> , 2018 , 27, 1950003	2.2	9
7	A new model for strange stars. <i>General Relativity and Gravitation</i> , 2018 , 50, 1	2.3	23
6	Anisotropic strange stars in the Einstein-Maxwell spacetime. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	34
5	A Model for Anisotropic Strange Stars. <i>Springer Proceedings in Physics</i> , 2018 , 65-68	0.2	
4	Relativistic model for anisotropic strange stars. <i>Annals of Physics</i> , 2017 , 387, 239-252	2.5	79
3	A new model for spherically symmetric charged compact stars of embedding class 1. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	47
2	Generalised model for anisotropic compact stars. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	83
1	Spherically symmetric charged compact stars. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	81