

# Debabrata Deb

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9128651/publications.pdf>

Version: 2024-02-01

29  
papers

1,169  
citations

516215

16  
h-index

476904

29  
g-index

29  
all docs

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docs citations

29  
times ranked

194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalised model for anisotropic compact stars. European Physical Journal C, 2016, 76, 1.	1.4	120
2	Relativistic model for anisotropic strange stars. Annals of Physics, 2017, 387, 239-252.	1.0	113
3	Spherically symmetric charged compact stars. European Physical Journal C, 2015, 75, 1.	1.4	111
4	Study of anisotropic strange stars in $f(R, T)$ gravity. Physical Review D, 2019, 100, .	1.0	100
5	Exploring physical features of anisotropic strange stars beyond standard maximum mass limit in $f(R, T)$ gravity. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5652-5665.	1.6	95
6	Strange stars in $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 044-044.	1.9	87
7	Anisotropic strange stars under simplest minimal matter-geometry coupling in the $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 070-070.	1.0	70
8	A new model for spherically symmetric charged compact stars of embedding class 1. European Physical Journal C, 2017, 77, 1.	1.4	64
9	Anisotropic strange stars in Tolman-Kuchowicz spacetime. European Physical Journal C, 2018, 78, 1.	1.4	59
10	Anisotropic strange stars in the Einstein-Maxwell spacetime. European Physical Journal C, 2018, 78, 1.	1.4	49
11	Study on charged strange stars in $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 070-070.	1.9	47
12	A new model for strange stars. General Relativity and Gravitation, 2018, 50, 1.	0.7	35
13	Study of gravastars under $f(R, T)$ gravity. Nuclear Physics B, 2020, 954, 114986.	0.9	33
14	Generalized anisotropic models for conformal symmetry. European Physical Journal C, 2019, 79, 1.	1.4	28
15	Charged strange stellar model describing by Tolman V metric. Results in Physics, 2021, 20, 103648.	2.0	24
16	Effects of Anisotropy on Strongly Magnetized Neutron and Strange Quark Stars in General Relativity. Astrophysical Journal, 2021, 922, 149.	1.6	23
17	A study of anisotropic compact stars based on embedding class 1 condition. International Journal of Modern Physics D, 2019, 28, 1950116.	0.9	17
18	Anisotropic charged strange stars in Krori-Barua spacetime under $f(R, T)$ gravity. Annals of Physics, 2021, 428, 168429.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Anisotropic strange star inspired by Finsler geometry. International Journal of Modern Physics D, 2020, 29, 2050001.	0.9	14
20	Non-isothermal decomposition kinetics of nano-scale CaCO <sub>3</sub> as a function of particle size variation. Ceramics International, 2021, 47, 858-864.	2.3	14
21	Charged anisotropic strange stars in Finslerian geometry. European Physical Journal C, 2019, 79, 1.	1.4	11
22	Relativistic fluid spheres with Karmarkar condition. International Journal of Modern Physics D, 2018, 27, 1950003.	0.9	10
23	Study of the charged super-Chandrasekhar limiting mass white dwarfs in the gravity. Physical Review D, 2020, 101, .	1.6	10
24	Anisotropic Magnetized White Dwarfs: Unifying Under- and Overluminous Peculiar and Standard Type Ia Supernovae. Astrophysical Journal, 2022, 926, 66.	1.6	7
25	Anisotropic strange star with Tolman V potential. International Journal of Modern Physics D, 2018, 27, 1850089.	0.9	5
26	Analytic radiation model for perfect fluid under homotopy perturbation method. Indian Journal of Physics, 2021, 95, 1581-1588.	0.9	2
27	A Relativistic Compact Stellar Model of Anisotropic Quark Matter Mixed with Dark Energy. Advances in High Energy Physics, 2021, 2021, 1-7.	0.5	2
28	A Model for Anisotropic Strange Stars. Springer Proceedings in Physics, 2018, , 65-68.	0.1	1
29	Noncommutative black hole in the Finslerian spacetime. Classical and Quantum Gravity, 2021, 38, 145019.	1.5	1