

H. C. Das

List of Publications by Year in descending order

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papers

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1040056

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Effects of dark matter on the nuclear and neutron star matter. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4893-4903.	4.4	57
2	Dark matter admixed neutron star as a possible compact component in the GW190814 merger event. Physical Review D, 2021, 104, .	4.7	41
3	Impacts of dark matter on the curvature of the neutron star. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 007-007.	5.4	30
4	Impacts of dark matter on the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle f \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -mode oscillation of hyperon star. Physical Review D, 2021, 104, .	4.7	23
5	Effects of dark matter on the in-spiral properties of the binary neutron stars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4053-4060.	4.4	22
6	Rotating neutron stars with quark cores. Physical Review C, 2021, 103, .	2.9	20
7	Dark Matter Effects on the Compact Star Properties. Galaxies, 2022, 10, 14.	3.0	16
8	Warm dense matter and cooling of supernovae remnants. European Physical Journal C, 2020, 80, 1.	3.9	12
9	BigApple force and its implications to finite nuclei and astrophysical objects. International Journal of Modern Physics E, 2021, 30, .	1.0	12
10	Crustal properties of a neutron star within an effective relativistic mean-field model. Physical Review D, 2022, 105, .	4.7	9
11	Thermal relaxation of dark matter admixed neutron star. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1820-1833.	4.4	8
12	Application of the coherent density fluctuation model to study the nuclear matter properties of finite nuclei within the relativistic mean-field formalism. Physical Review C, 2021, 103, .	2.9	7
13	Constraining bag constant for hybrid neutron stars. International Journal of Modern Physics E, 2020, 29, 2050044.	1.0	5
14	Incompressibility and symmetry energy of a neutron star. Physical Review C, 2021, 104, .	2.9	4
15	Thermal impacts on the properties of nuclear matter and young neutron star. Nuclear Physics A, 2021, 1015, 122315.	1.5	3
16	Systematic study for the surface properties of neutron stars. Physical Review C, 2022, 105, .	2.9	0