

# H. C. Das

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8400900/publications.pdf>

Version: 2024-02-01

16  
papers

269  
citations

1040056

9  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

82  
citing authors

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