

Debatri Chattopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

386
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	COMPAS: A rapid binary population synthesis suite. <i>Journal of Open Source Software</i> , 2022, 7, 3838.	4.6	9
2	Rapid Stellar and Binary Population Synthesis with COMPAS. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 34.	7.7	57
3	Linking the rates of neutron star binaries and short gamma-ray bursts. <i>Physical Review D</i> , 2022, 105, .	4.7	21
4	Dynamical double black holes and their host cluster properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4527-4555.	4.4	13
5	Modelling the formation of the first two neutron starâ€“black hole mergers, GW200105 and GW200115: metallicity, chirp masses, and merger remnant spins. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5780-5789.	4.4	12
6	Binary black hole mergers from merged stars in the Galactic field. <i>Physical Review D</i> , 2022, 106, .	4.7	8
7	Impact of massive binary star and cosmic evolution on gravitational wave observations â€“ II. Double compact object rates and properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5737-5761.	4.4	47
8	Modelling neutron starâ€“black hole binaries: future pulsar surveys and gravitational wave detectors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3682-3710.	4.4	43
9	Impact of massive binary star and cosmic evolution on gravitational wave observations I: black holeâ€“neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5028-5063.	4.4	83
10	Modelling double neutron stars: radio and gravitational waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1587-1610.	4.4	36
11	Binary population synthesis with probabilistic remnant mass and kick prescriptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1380-1384.	4.4	49
12	A study of Kepler supernova remnant: angular power spectrum estimation from radio frequency data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5866-5875.	4.4	8