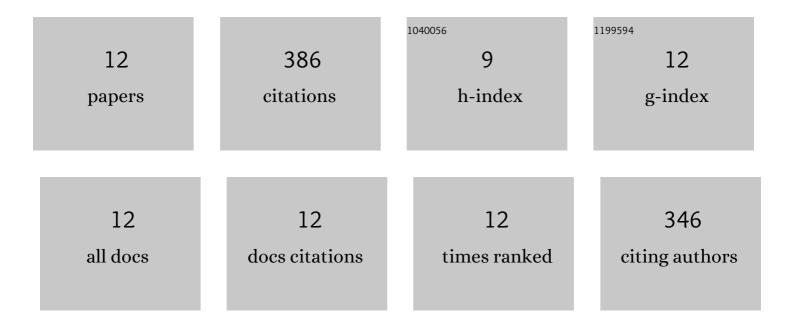
Debatri Chattopadhyay

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/415120/publications.pdf Version: 2024-02-01



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