

Soumi De

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3983658/publications.pdf>

Version: 2024-02-01

9
papers

1,130
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

1253
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Tidal Deformabilities and Radii of Neutron Stars from the Observation of GW170817. <i>Physical Review Letters</i> , 2018, 121, 091102. | 7.8 | 454 |
| 2 | Stringent constraints on neutron-star radii from multimessenger observations and nuclear theory. <i>Nature Astronomy</i> , 2020, 4, 625-632. | 10.1 | 269 |
| 3 | PyCBC Inference: A Python-based Parameter Estimation Toolkit for Compact Binary Coalescence Signals. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 024503. | 3.1 | 156 |
| 4 | Measuring the Viewing Angle of GW170817 with Electromagnetic and Gravitational Waves. <i>Astrophysical Journal Letters</i> , 2018, 860, L2. | 8.3 | 54 |
| 5 | Constraining the neutron-matter equation of state with gravitational waves. <i>Physical Review D</i> , 2019, 100, . | 4.7 | 31 |
| 6 | Common Envelope Wind Tunnel: The Effects of Binary Mass Ratio and Implications for the Accretion-driven Growth of LIGO Binary Black Holes. <i>Astrophysical Journal</i> , 2020, 897, 130. | 4.5 | 29 |
| 7 | Igniting Weak Interactions in Neutron Star Postmerger Accretion Disks. <i>Astrophysical Journal</i> , 2021, 921, 94. | 4.5 | 17 |
| 8 | Common Envelope Wind Tunnel: Range of Applicability and Self-similarity in Realistic Stellar Envelopes. <i>Astrophysical Journal</i> , 2020, 899, 77. | 4.5 | 12 |
| 9 | Posterior samples of the parameters of binary black holes from Advanced LIGO, Virgo's second observing run. <i>Scientific Data</i> , 2019, 6, 81. | 5.3 | 7 |