Ludwig Jens Papenfort

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5458759/publications.pdf

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14	694	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	718
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of extreme spins and mass ratios on the post-merger observables of high-mass binary neutron stars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3646-3662.	4.4	12
2	New first-order formulation of the Einstein equations exploiting analogies with electrodynamics. Physical Review D, 2022, 105, .	4.7	3
3	Fast Ejecta as a Potential Way to Distinguish Black Holes from Neutron Stars in High-mass Gravitational-wave Events. Astrophysical Journal, 2021, 912, 80.	4.5	18
4	On accretion discs formed in MHD simulations of black holeâ€“neutron star mergers with accurate microphysics. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3511-3526.	4.4	21
5	New public code for initial data of unequal-mass, spinning compact-object binaries. Physical Review D, 2021, 104, .	4.7	24
6	Quasi-universal Behavior of the Threshold Mass in Unequal-mass, Spinning Binary Neutron Star Mergers. Astrophysical Journal Letters, 2021, 922, L19.	8.3	20
7	A lower bound on the maximum mass if the secondary in GW190814 was once a rapidly spinning neutron star. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 499, L82-L86.	3.3	110
8	On the deconfinement phase transition in neutron-star mergers. European Physical Journal A, 2020, 56, 1.	2.5	65
9	Beyond second-order convergence in simulations of magnetized binary neutron stars with realistic microphysics. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3588-3600.	4.4	60
10	Neutron-Star-Merger Equation of State. Universe, 2019, 5, 129.	2.5	6
11	Neutron Star Mergers: Probing the EoS of Hot, Dense Matter by Gravitational Waves. Particles, 2019, 2, 44-56.	1.7	44
12	Signatures of Quark-Hadron Phase Transitions in General-Relativistic Neutron-Star Mergers. Physical Review Letters, 2019, 122, 061101.	7.8	248
13	Impact of High Spins on the Ejection of Mass in GW170817. Astrophysical Journal, 2019, 884, 40.	4.5	25
14	Dynamical ejecta and nucleosynthetic yields from eccentric binary neutron-star mergers. Physical Review D, 2018, 98, .	4.7	38