Kenta Hotokezaka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11364/publications.pdf

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20 papers	2,977 citations	471509 17 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	3550 citing authors

#	Article	IF	Citations
1	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	12.6	559
2	Swift and NuSTAR observations of GW170817: Detection of a blue kilonova. Science, 2017, 358, 1565-1570.	12.6	399
3	A radio counterpart to a neutron star merger. Science, 2017, 358, 1579-1583.	12.6	390
4	Superluminal motion of a relativistic jet in the neutron-star merger GW170817. Nature, 2018, 561, 355-359.	27.8	381
5	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. Nature, 2018, 554, 207-210.	27.8	283
6	Effects of Neutron-Star Dynamic Tides on Gravitational Waveforms within the Effective-One-Body Approach. Physical Review Letters, 2016, 116, 181101.	7.8	204
7	A Hubble constant measurement from superluminal motion of the jet in GW170817. Nature Astronomy, 2019, 3, 940-944.	10.1	201
8	Mass ejection from neutron star mergers: different components and expected radio signals. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1430-1440.	4.4	102
9	Measurability of the tidal deformability by gravitational waves from coalescing binary neutron stars. Physical Review D, 2016, 93, .	4.7	83
10	Formation pathway of Population III coalescing binary black holes through stable mass transfer. Monthly Notices of the Royal Astronomical Society, 2017, 468, 5020-5032.	4.4	73
11	Implications of the search for optical counterparts during the first six months of the Advanced LIGOâ€™s and Advanced Virgoâ€™s third observing run: possible limits on the ejecta mass and binary properties. Monthly Notices of the Royal Astronomical Society, 2020, 492, 863-876.	4.4	71
12	Exploring tidal effects of coalescing binary neutron stars in numerical relativity. II. Long-term simulations. Physical Review D, 2015, 91, .	4.7	56
13	Implications of the search for optical counterparts during the second part of the Advanced LIGOâ€™s and Advanced Virgoâ€™s third observing run: lessons learned for future follow-up observations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1181-1196.	4.4	39
14	Dark passengersâ˜… in stellar surveys. Monthly Notices of the Royal Astronomical Society, 2018, 481, 930-937.	4.4	31
15	A transient radio source consistent with a merger-triggered core collapse supernova. Science, 2021, 373, 1125-1129.	12.6	28
16	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. Astrophysical Journal, 2021, 922, 154.	4.5	27
17	Prospects of Finding Detached Black Holeâ€“Star Binaries with TESS. Astrophysical Journal, 2019, 883, 169.	4.5	26
18	Constraining properties of neutron star merger outflows with radio observations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2449-2464.	4.4	10

#	ARTICLE	IF	CITATIONS
19	Radio transients from newborn black holes. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2281-2290.	4.4	8
20	LOFAR 144-MHz follow-up observations of GW170817. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5110-5117.	4.4	6