

Kenta Hotokezaka

List of Publications by Year in descending order

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

Version: 2024-02-01

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	A transient radio source consistent with a merger-triggered core collapse supernova. <i>Science</i> , 2021, 373, 1125-1129.	12.6	28
2	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. <i>Astrophysical Journal</i> , 2021, 922, 154.	4.5	27
3	Constraining properties of neutron star merger outflows with radio observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2449-2464.	4.4	10
4	Implications of the search for optical counterparts during the second part of the Advanced LIGO's and Advanced Virgo's third observing run: lessons learned for future follow-up observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1181-1196.	4.4	39
5	LOFAR 144-MHz follow-up observations of GW170817. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5110-5117.	4.4	6
6	Implications of the search for optical counterparts during the first six months of the Advanced LIGO's and Advanced Virgo's third observing run: possible limits on the ejecta mass and binary properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 863-876.	4.4	71
7	A Hubble constant measurement from superluminal motion of the jet in GW170817. <i>Nature Astronomy</i> , 2019, 3, 940-944.	10.1	201
8	Prospects of Finding Detached Black Hole-Star Binaries with TESS. <i>Astrophysical Journal</i> , 2019, 883, 169.	4.5	26
9	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. <i>Nature</i> , 2018, 554, 207-210.	27.8	283
10	Dark passengers... in stellar surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 930-937.	4.4	31
11	Radio transients from newborn black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2281-2290.	4.4	8
12	Superluminal motion of a relativistic jet in the neutron-star merger GW170817. <i>Nature</i> , 2018, 561, 355-359.	27.8	381
13	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
14	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
15	A radio counterpart to a neutron star merger. <i>Science</i> , 2017, 358, 1579-1583.	12.6	390
16	Formation pathway of Population III coalescing binary black holes through stable mass transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 5020-5032.	4.4	73
17	Measurability of the tidal deformability by gravitational waves from coalescing binary neutron stars. <i>Physical Review D</i> , 2016, 93, .	4.7	83
18	Effects of Neutron-Star Dynamic Tides on Gravitational Waveforms within the Effective-One-Body Approach. <i>Physical Review Letters</i> , 2016, 116, 181101.	7.8	204

#	ARTICLE	IF	CITATIONS
19	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
20	Exploring tidal effects of coalescing binary neutron stars in numerical relativity. II. Long-term simulations. Physical Review D, 2015, 91, .	4.7	56