

Yi-Han Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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citations

1040056

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15
docs citations

15
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Host galaxies and electromagnetic counterparts to binary neutron star mergers across the cosmic time: detectability of GW170817-like events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2654-2668.	4.4	13
2	Partial tidal disruption events by stellar mass black holes: Gravitational instability of stream and impact from remnant core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6005-6015.	4.4	15
3	SpaceHub: A high-performance gravity integration toolkit for few-body problems in astrophysics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1053-1070.	4.4	9
4	Hot Jupiter formation in dense clusters: secular chaos in multiplanetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5253-5264.	4.4	10
5	Symmetry Breaking in Dynamical Encounters in the Disks of Active Galactic Nuclei. <i>Astrophysical Journal Letters</i> , 2021, 923, L23.	8.3	23
6	Giant Planet Swaps during Close Stellar Encounters. <i>Astrophysical Journal Letters</i> , 2020, 891, L14.	8.3	8
7	Planetary architectures in interacting stellar environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1453-1470.	4.4	21
8	Hot Jupiter and Ultra-cold Saturn Formation in Dense Star Clusters. <i>Astrophysical Journal</i> , 2020, 905, 136.	4.5	15
9	Constraining the Black Hole Initial Mass Function with LIGO/Virgo Observations. <i>Astrophysical Journal Letters</i> , 2019, 878, L1.	8.3	48
10	Black Hole and Neutron Star Binary Mergers in Triple Systems. II. Merger Eccentricity and Spin-Orbit Misalignment. <i>Astrophysical Journal</i> , 2019, 881, 41.	4.5	46
11	Binary Mergers near a Supermassive Black Hole: Relativistic Effects in Triples. <i>Astrophysical Journal Letters</i> , 2019, 883, L7.	8.3	43
12	The cosmological distribution of compact object mergers from dynamical interactions with SMBH binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2627-2647.	4.4	4
13	Hypervelocity binaries from close encounters with a SMBH-IMBH binary: orbital properties and diagnostics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3206-3218.	4.4	8
14	The fate of close encounters between binary stars and binary supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4595-4608.	4.4	14
15	Modified evolution of stellar binaries from supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3376-3386.	4.4	9