Hannah Middleton

List of Publications by Year
in descending order

17 papers	1,369 citations	687220 13 h-index	940416 16 g-index
18 all docs	18 docs citations	18 times ranked	2646 citing authors

#	Article	IF	Citations
1	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	8.2	427
2	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	1.5	225
3	On the Evidence for a Common-spectrum Process in the Search for the Nanohertz Gravitational-wave Background with the Parkes Pulsar Timing Array. Astrophysical Journal Letters, 2021, 917, L19.	3.0	217
4	PARAMETER ESTIMATION FOR BINARY NEUTRON-STAR COALESCENCES WITH REALISTIC NOISE DURING THE ADVANCED LIGO ERA. Astrophysical Journal, 2015, 804, 114.	1.6	117
5	Evidence for Hierarchical Black Hole Mergers in the Second LIGOâ€“Virgo Gravitational Wave Catalog. Astrophysical Journal Letters, 2021, 915, L35.	3.0	86
6	PARAMETER ESTIMATION ON GRAVITATIONAL WAVES FROM NEUTRON-STAR BINARIES WITH SPINNING COMPONENTS. Astrophysical Journal, 2016, 825, 116.	1.6	68
7	Massive black hole binary systems and the NANOGrav 12.5 yr results. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 502, L99-L103.	1.2	58
8	The Parkes pulsar timing array second data release: timing analysis. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2137-2153.	1.6	37
9	No tension between assembly models of super massive black hole binaries and pulsar observations. Nature Communications, 2018, 9, 573.	5.8	24
10	Astrophysical constraints on massive black hole binary evolution from pulsar timing arrays. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 455, L72-L76.	1.2	23
11	Probing the assembly history and dynamical evolution of massive black hole binaries with pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2017, 468, 404-417.	1.6	23
12	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	1.8	20
13	Search for gravitational waves from five low mass x-ray binaries in the second Advanced LIGO observing run with an improved hidden Markov model. Physical Review D, 2020, 102, .	1.6	18
14	Mode changing in J1909Ââ^'Â3744: the most precisely timed pulsar. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5908-5915.	1.6	13
15	Characterization of low-significance gravitational-wave compact binary sources. Physical Review D, 2018, 98, .	1.6	10
16	An estimate of the stochastic gravitational wave background from the MassiveBlackII simulation. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5241-5250.	1.6	3
17	No tension between pulsar timing array upper limits on the nano-Hertz gravitational wave background and assembly models of massive black hole binaries. Journal of Physics: Conference Series, 2020, 1468, 012214.	0.3	0