Maria Haney

List of Publications by Year
in descending order

27 papers	3,722 citations	394286 19 h-index	580701 25 g-index
27 all docs	27 docs citations	27 times ranked	4007 citing authors

#	Article	IF	Citations
1	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	8.2	808
2	Exploring the sensitivity of next generation gravitational wave detectors. Classical and Quantum Gravity, 2017, 34, 044001.	1.5	735
3	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	8.2	447
4	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	8.2	427
5	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	1.5	225
6	Computationally efficient models for the dominant and subdominant harmonic modes of precessing binary black holes. Physical Review D, 2021, 103, .	1.6	198
7	Matter imprints in waveform models for neutron star binaries: Tidal and self-spin effects. Physical Review D, 2019, 99, .	1.6	144
8	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	1.6	144
9	On the properties of the massive binary black hole merger GW170729. Physical Review D, 2019, 100, .	1.6	82
10	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. Physical Review D, 2017, 95, .	1.6	72
11	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	0.9	69
12	Frequency and time-domain inspiral templates for comparable mass compact binaries in eccentric orbits. Physical Review D, 2016, 93, .	1.6	66
13	Binary black hole mergers in AGN accretion discs: gravitational wave rate density estimates. Astronomy and Astrophysics, 2020, 638, A119.	2.1	61
14	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	1.6	52
15	Proposed search for the detection of gravitational waves from eccentric binary black holes. Physical Review D, 2016, 93, .	1.6	47
16	Gravitational waves from compact binaries in post-Newtonian accurate hyperbolic orbits. Physical Review D, 2018, 98, .	1.6	31
17	Impact of eccentricity on the gravitational-wave searches for binary black holes: High mass case. Physical Review D, 2020, 102, .	1.6	29
18	Ready-to-use Fourier domain templates for compact binaries inspiraling along moderately eccentric orbits. Physical Review D, 2019, 99, .	1.6	27

#	Article	IF	Citations
19	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	1.8	20
20	A note on the gravitational wave energy spectrum of parabolic and hyperbolic encounters. Classical and Quantum Gravity, 2020, 37, 067002.	1.5	10
21	Refraction index analysis of light propagation in a colliding gravitational wave spacetime. General Relativity and Gravitation, 2014, 46, 1.	0.7	8
22	Light scattering by radiation fields: The optical medium analogy. Europhysics Letters, 2013, 102, 20006.	0.7	7
23	Electromagnetic waves in gravitational wave spacetimes. Classical and Quantum Gravity, 2011, 28, 235007.	1.5	5
24	Scattering of particles by radiation fields: A comparative analysis. Physical Review D, 2012, 86, .	1.6	4
25	Particle dynamics and deviation effects in the field of a strong electromagnetic wave. Physical Review D, 2014, 89, .	1.6	2
26	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
27	SCATTERING OF PARTICLES BY RADIATION FIELDS: A COMPARATIVE ANALYSIS. , 2015, , .		0