

Maria Haney

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	2,255 citations	16 h-index	27 g-index
27 ext. papers	3,011 ext. citations	7.6 avg, IF	3.79 L-index

#	Paper	IF	Citations
25	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018 , 21, 3	32.5	543
24	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017 , 34, 044001	3.3	454
23	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016 , 19, 1	32.5	393
22	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016 , 33,	3.3	155
21	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020 , 23, 3	32.5	144
20	Matter imprints in waveform models for neutron star binaries: Tidal and self-spin effects. <i>Physical Review D</i> , 2019 , 99,	4.9	88
19	On the properties of the massive binary black hole merger GW170729. <i>Physical Review D</i> , 2019 , 100,	4.9	61
18	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. <i>Physical Review D</i> , 2017 , 95,	4.9	60
17	Frequency and time-domain inspiral templates for comparable mass compact binaries in eccentric orbits. <i>Physical Review D</i> , 2016 , 93,	4.9	50
16	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021 , 909, 218	4.7	46
15	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017 , 529, 1600209	2.6	45
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. <i>Astrophysical Journal</i> , 2017 , 841, 89	4.7	42
13	Proposed search for the detection of gravitational waves from eccentric binary black holes. <i>Physical Review D</i> , 2016 , 93,	4.9	39
12	Binary black hole mergers in AGN accretion discs: gravitational wave rate density estimates. <i>Astronomy and Astrophysics</i> , 2020 , 638, A119	5.1	34
11	Computationally efficient models for the dominant and subdominant harmonic modes of precessing binary black holes. <i>Physical Review D</i> , 2021 , 103,	4.9	34
10	Ready-to-use Fourier domain templates for compact binaries inspiraling along moderately eccentric orbits. <i>Physical Review D</i> , 2019 , 99,	4.9	20
9	Impact of eccentricity on the gravitational-wave searches for binary black holes: High mass case. <i>Physical Review D</i> , 2020 , 102,	4.9	10

8	Refraction index analysis of light propagation in a colliding gravitational wave spacetime. <i>General Relativity and Gravitation</i> , 2014 , 46, 1	2.3	7
7	Light scattering by radiation fields: The optical medium analogy. <i>Europhysics Letters</i> , 2013 , 102, 20006	1.6	7
6	Gravitational waves from compact binaries in post-Newtonian accurate hyperbolic orbits. <i>Physical Review D</i> , 2018 , 98,	4.9	7
5	A note on the gravitational wave energy spectrum of parabolic and hyperbolic encounters. <i>Classical and Quantum Gravity</i> , 2020 , 37, 067002	3.3	5
4	Scattering of particles by radiation fields: A comparative analysis. <i>Physical Review D</i> , 2012 , 86,	4.9	4
3	Electromagnetic waves in gravitational wave spacetimes. <i>Classical and Quantum Gravity</i> , 2011 , 28, 235003	3.3	3
2	Particle dynamics and deviation effects in the field of a strong electromagnetic wave. <i>Physical Review D</i> , 2014 , 89,	4.9	2
1	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA 2018 , 21, 1		2