

# Maria Haney

## List of Publications by Year in Descending Order

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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	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 218	4.7	46
24	Computationally efficient models for the dominant and subdominant harmonic modes of precessing binary black holes. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	34
23	A note on the gravitational wave energy spectrum of parabolic and hyperbolic encounters. <i>Classical and Quantum Gravity</i> , <b>2020</b> , 37, 067002	3.3	5
22	Binary black hole mergers in AGN accretion discs: gravitational wave rate density estimates. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 638, A119	5.1	34
21	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2020</b> , 23, 3	32.5	144
20	Impact of eccentricity on the gravitational-wave searches for binary black holes: High mass case. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	10
19	Ready-to-use Fourier domain templates for compact binaries inspiraling along moderately eccentric orbits. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	20
18	On the properties of the massive binary black hole merger GW170729. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	61
17	Matter imprints in waveform models for neutron star binaries: Tidal and self-spin effects. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	88
16	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2018</b> , 21, 3	32.5	543
15	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA <b>2018</b> , 21, 1		2
14	Gravitational waves from compact binaries in post-Newtonian accurate hyperbolic orbits. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	7
13	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , <b>2017</b> , 34, 044001	3.3	454
12	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	60
11	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600209	2.6	45
10	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> , <b>2017</b> , 841, 89	4.7	42
9	Frequency and time-domain inspiral templates for comparable mass compact binaries in eccentric orbits. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	50

8	Proposed search for the detection of gravitational waves from eccentric binary black holes. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	39
7	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , <b>2016</b> , 33,	3.3	155
6	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , <b>2016</b> , 19, 1	32.5	393
5	Refraction index analysis of light propagation in a colliding gravitational wave spacetime. <i>General Relativity and Gravitation</i> , <b>2014</b> , 46, 1	2.3	7
4	Particle dynamics and deviation effects in the field of a strong electromagnetic wave. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	2
3	Light scattering by radiation fields: The optical medium analogy. <i>Europhysics Letters</i> , <b>2013</b> , 102, 20006	1.6	7
2	Scattering of particles by radiation fields: A comparative analysis. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	4
1	Electromagnetic waves in gravitational wave spacetimes. <i>Classical and Quantum Gravity</i> , <b>2011</b> , 28, 235007	3.3	3