Miriam Cabero MÃ¼ller

List of Publications by Year
in descending order

25 papers	21,981 citations	394421 19 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	11885 citing authors

#	Article	IF	Citations
1	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, 161101.	7.8	6,413
2	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103.	7.8	2,701
3	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13.	8.3	2,314
4	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. Physical Review Letters, 2017, 118, 221101.	7.8	1,987
5	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101.	7.8	1,600
6	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473
7	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. Astrophysical Journal Letters, 2020, 896, L44.	8.3	1,090
8	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâˆ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
9	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35.	8.3	968
10	GW190521: A Binary Black Hole Merger with a Total Mass of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>150</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:msub><mml:mrow stretchy="false">âŠ™</mml:mo></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 101102.	7.8	836
11	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal Letters, 2019, 882, L24.	8.3	566
12	The PyCBC search for gravitational waves from compact binary coalescence. Classical and Quantum Gravity, 2016, 33, 215004.	4.0	393
13	PyCBC Inference: A Python-based Parameter Estimation Toolkit for Compact Binary Coalescence Signals. Publications of the Astronomical Society of the Pacific, 2019, 131, 024503.	3.1	156
14	3-OGC: Catalog of Gravitational Waves from Compact-binary Mergers. Astrophysical Journal, 2021, 922, 76.	4.5	99
15	Low significance of evidence for black hole echoes in gravitational wave data. Physical Review D, 2018, 97, .	4.7	97
16	Blip glitches in Advanced LIGO data. Classical and Quantum Gravity, 2019, 36, 155010.	4.0	84
17	Observational tests of the black hole area increase law. Physical Review D, 2018, 97, .	4.7	42
18	Black hole spectroscopy in the next decade. Physical Review D, 2020, 101, .	4.7	42

#	Article	IF	Citations
19	Detectability of the subdominant mode in a binary black hole ringdown. Physical Review D, 2020, 102, .	4.7	26
20	GWSkyNet: A Real-time Classifier for Public Gravitational-wave Candidates. Astrophysical Journal Letters, 2020, 904, L9.	8.3	14
21	Minimum energy and the end of the inspiral in the post-Newtonian approximation. Physical Review D, 2017, 95, .	4.7	13
22	Tidal deformations of spinning black holes in Bowenâ€“York initial data. Classical and Quantum Gravity, 2015, 32, 045009.	4.0	5
23	Model systematics in time domain tests of binary black hole evolution. Physical Review D, 2022, 105, .	4.7	5
24	GWSkyNet-Multi: A Machine-learning Multiclass Classifier for LIGOâ€“Virgo Public Alerts. Astrophysical Journal, 2022, 927, 232.	4.5	4
25	Prospects for Measuring Off-axis Spins of Binary Black Holes with Plus-era Gravitational-wave Detectors. Astrophysical Journal, 2022, 928, 21.	4.5	4