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	GWSkyNet-Multi: A Machine-learning Multiclass Classifier for LIGOâ€“Virgo Public Alerts. Astrophysical Journal, 2022, 927, 232.	4.5	4
2	Model systematics in time domain tests of binary black hole evolution. Physical Review D, 2022, 105, .	4.7	5
3	Prospects for Measuring Off-axis Spins of Binary Black Holes with Plus-era Gravitational-wave Detectors. Astrophysical Journal, 2022, 928, 21.	4.5	4
4	3-OGC: Catalog of Gravitational Waves from Compact-binary Mergers. Astrophysical Journal, 2021, 922, 76.	4.5	99
5	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><mml:mo stretchy="false">â Š™</mml:mo></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 101102.	7.8	836
6	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
7	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâ¼Â3.4 M_{â Š™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
8	Black hole spectroscopy in the next decade. Physical Review D, 2020, 101, .	4.7	42
9	Detectability of the subdominant mode in a binary black hole ringdown. Physical Review D, 2020, 102, .	4.7	26
10	GWSkyNet: A Real-time Classifier for Public Gravitational-wave Candidates. Astrophysical Journal Letters, 2020, 904, L9.	8.3	14
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	Blip glitches in Advanced LIGO data. Classical and Quantum Gravity, 2019, 36, 155010.	4.0	84
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	Observational tests of the black hole area increase law. Physical Review D, 2018, 97, .	4.7	42
15	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473
16	Low significance of evidence for black hole echoes in gravitational wave data. Physical Review D, 2018, 97, .	4.7	97
17	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101.	7.8	1,600
18	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, 161101.	7.8	6,413

#	Article	IF	Citations
19	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
20	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
21	Minimum energy and the end of the inspiral in the post-Newtonian approximation. Physical Review D, 2017, 95, .	4.7	13
22	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35.	8.3	968
23	The PyCBC search for gravitational waves from compact binary coalescence. Classical and Quantum Gravity, 2016, 33, 215004.	4.0	393
24	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103.	7.8	2,701
25	Tidal deformations of spinning black holes in Bowenâ€“York initial data. Classical and Quantum Gravity, 2015, 32, 045009.	4.0	5