Gregorio Carullo

List of Publications by Year
in descending order

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23	14,766	361413 20	610901 24
papers	citations	h-index	g-index

24	24	24	10890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constraints on Kerr-Newman black holes from merger-ringdown gravitational-wave observations. Physical Review D, 2022, 105, .	4.7	21
2	Eigenvalue repulsions in the quasinormal spectra of the Kerr-Newman black hole. Physical Review D, 2022, 105, .	4.7	15
3	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
4	Quantum black hole spectroscopy: probing the quantum nature of the black hole area using LIGOâ€“Virgo ringdown detections. Classical and Quantum Gravity, 2021, 38, 095005.	4.0	17
5	Bekenstein-Hod Universal Bound on Information Emission Rate Is Obeyed by LIGO-Virgo Binary Black Hole Remnants. Physical Review Letters, 2021, 126, 161102.	7.8	15
6	Population Properties of Compact Objects from the Second LIGOâ€“Virgo Gravitational-Wave Transient Catalog. Astrophysical Journal Letters, 2021, 913, L7.	8.3	514
7	Enhancing modified gravity detection from gravitational-wave observations using the parametrized ringdown spin expansion coeffcients formalism. Physical Review D, 2021, 103, .	4.7	24
8	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. Physical Review D, 2021, 103, .	4.7	338
9	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. Physical Review X, 2021, 11, .	8.9	1,097
10	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
11	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 stretchy="false">âŠ™</mml:mo></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 101102.	7.8	836
12	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
13	A guide to LIGOâ€“Virgo detector noise and extraction of transient gravitational-wave signals. Classical and Quantum Gravity, 2020, 37, 055002.	4.0	188
14	Properties and Astrophysical Implications of the 150 M_{âŠ™} Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
15	Observational black hole spectroscopy: A time-domain multimode analysis of GW150914. Physical Review D, 2019, 99, .	4.7	89
16	Tests of General Relativity with GW170817. Physical Review Letters, 2019, 123, 011102.	7.8	370
17	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. Physical Review X, 2019, 9, .	8.9	2,022
18	GW150914 peak frequency: a novel consistency test of strong-field general relativity. Classical and Quantum Gravity, 2019, 36, 105009.	4.0	13

#	Article	IF	Citations
19	On the properties of the massive binary black hole merger GW170729. Physical Review D, 2019, 100, .	4.7	82
20	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. Physical Review D, 2019, 100, .	4.7	470
21	Empirical tests of the black hole no-hair conjecture using gravitational-wave observations. Physical Review D, 2018, 98, .	4.7	61
22	Time-domain effective-one-body gravitational waveforms for coalescing compact binaries with nonprecessing spins, tides, and self-spin effects. Physical Review D, 2018, 98, .	4.7	168
23	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, 161101.	7.8	6,413