Loïc Rolland

List of Publications by Year
in descending order

12 papers	3,989 citations	933447 10 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	4093 citing authors

#	Article	IF	Citations
1	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
2	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	26.7	808
3	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
4	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	4.3	62
5	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq1 1 0.784314 rgBT /Overl	4.0	41
6	The Advanced Virgo photon calibrators. Classical and Quantum Gravity, 2021, 38, 075007.	4.0	20
7	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
8	First tests of a Newtonian calibrator on an interferometric gravitational wave detector. Classical and Quantum Gravity, 2018, 35, 235009.	4.0	17
9	Interferometer Sensing and Control for the Advanced Virgo Experiment in the O3 Scientific Run. Galaxies, 2020, 8, 85.	3.0	15
10	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	4.3	11
11	Reconstruction of the gravitational wave signal h (t) during the Virgo science runs and independent validation with a photon calibrator. Classical and Quantum Gravity, 2014, 31, 165013.	4.0	10
12	Laser with an in-loop relative frequency stability of 1.0×10 a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .	2.5	8