Dimitri Estevez

List of Publications by Year
in descending order

17 papers	1,258 citations	840776 11 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	2252 citing authors

#	Article	IF	Citations
1	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
2	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108.	7.8	254
3	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	8.3	145
4	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	4.5	144
5	The MBTA pipeline for detecting compact binary coalescences in the third LIGO–Virgo observing run. Classical and Quantum Gravity, 2021, 38, 095004.	4.0	62
6	Calibration of advanced Virgo and reconstruction of the gravitational wave signal <i>h</i> (<i>t</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.0	41
7	Quantum Backaction on Kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. Physical Review Letters, 2020, 125, 131101.	7.8	35
8	The Advanced Virgo photon calibrators. Classical and Quantum Gravity, 2021, 38, 075007.	4.0	20
9	Calibration of advanced Virgo and reconstruction of the detector strain h(t) during the observing run O3. Classical and Quantum Gravity, 2022, 39, 045006.	4.0	20
10	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
11	First tests of a Newtonian calibrator on an interferometric gravitational wave detector. Classical and Quantum Gravity, 2018, 35, 235009.	4.0	17
12	Newtonian calibrator tests during the Virgo O3 data taking. Classical and Quantum Gravity, 2021, 38, 075012.	4.0	11
13	K-Stacker: Keplerian image recombination for the direct detection of exoplanets. Astronomy and Astrophysics, 2018, 615, A144.	5.1	10
14	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.3	9
15	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
16	Assessing the compact-binary merger candidates reported by the MBTA pipeline in the LIGO–Virgo O3 run: probability of astrophysical origin, classification, and associated uncertainties. Classical and Quantum Gravity, 2022, 39, 055002.	4.0	8
17	K-Stacker: an algorithm to hack the orbital parameters of planets hidden in high-contrast imaging. Astronomy and Astrophysics, 2020, 639, A113.	5.1	6