Alessandro Longo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9218580/publications.pdf

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23	1,505	687363 13	642732 23
papers	citations	h-index	g-index

23	23	23	2539
all docs	docs citations	times ranked	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	Search for Subsolar Mass Ultracompact Binaries in Advanced LIGOâ€™s Second Observing Run. Physical Review Letters, 2019, 123, 161102.	7.8	119
6	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015â€“2017 LIGO Data. Astrophysical Journal, 2019, 879, 10.	4.5	88
7	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. Astrophysical Journal, 2019, 883, 149.	4.5	72
8	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.0	41
9	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
10	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2019, 886, 75.	4.5	29
11	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
12	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
13	Evaluation of 7 Be and 133 Xe atmospheric radioactivity time series measured at four CTBTO radionuclide stations. Applied Radiation and Isotopes, 2018, 132, 24-28.	1.5	14
14	Scattered light noise characterisation at the Virgo interferometer with tvf-EMD adaptive algorithm. Classical and Quantum Gravity, 2020, 37, 145011.	4.0	14
15	Daily monitoring of scattered light noise due to microseismic variability at the Virgo interferometer. Classical and Quantum Gravity, 2022, 39, 035001.	4.0	11
16	Analysis of trends, periodicities, and correlations in the beryllium-7 time series in Northern Europe. Applied Radiation and Isotopes, 2019, 148, 160-167.	1.5	10
17	tvf-EMD based time series analysis of 7Be sampled at the CTBTO-IMS network. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 908-914.	2.6	9
18	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9

#	Article	IF	Citations
19	A new methodological approach for worldwide beryllium-7 time series analysis. Physica A: Statistical Mechanics and Its Applications, 2018, 501, 377-387.	2.6	7
20	Xenon and radon time series analysis: A new methodological approach for characterising the local scale effects at CTBT radionuclide network. Applied Radiation and Isotopes, 2018, 139, 209-216.	1.5	7
21	Fractal Analysis of Data from Seismometer Array Monitoring Virgo Interferometer. Pure and Applied Geophysics, 2020, 177, 2597-2603.	1.9	4
22	Adaptive Denoising of Acoustic Noise Injections Performed at the Virgo Interferometer. Pure and Applied Geophysics, 2020, 177, 3395-3406.	1.9	4
23	Local Hurst Exponent Computation of Data from Triaxial Seismometers Monitoring KAGRA. Pure and Applied Geophysics, 2021, 178, 3461.	1.9	2