

# Gianluca Guidi

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

5,830  
citations

361413

20  
h-index

276875

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

4815  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
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	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.4	9
5	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
6	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
7	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	4.5	52
8	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
9	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
10	Low-latency analysis pipeline for compact binary coalescences in the advanced gravitational wave detector era. Classical and Quantum Gravity, 2016, 33, 175012.	4.0	107
11	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
12	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
13	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
14	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. Classical and Quantum Gravity, 2013, 30, 055017.	4.0	11
15	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	4.0	5
16	Status of the commissioning of the Virgo interferometer. , 2012, , .		1
17	Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D >81</b>, 102001 (2010)]. Physical Review D, 2012, 85, .	4.7	3
18	Noise monitor tools and their application to Virgo data. Journal of Physics: Conference Series, 2012, 363, 012024.	0.4	2

#	ARTICLE	IF	CITATIONS
19	The NoEMi (Noise Frequency Event Miner) framework. <i>Journal of Physics: Conference Series</i> , 2012, 363, 012037.	0.4	12
20	Virgo: a laser interferometer to detect gravitational waves. <i>Journal of Instrumentation</i> , 2012, 7, P03012-P03012.	1.2	257
21	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. <i>International Journal of Modern Physics D</i> , 2011, 20, 2075-2079.	2.1	4
22	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2011, 30, 63-79.	2.9	28
23	Calibration and sensitivity of the Virgo detector during its second science run. <i>Classical and Quantum Gravity</i> , 2011, 28, 025005.	4.0	85
24	A state observer for the Virgo inverted pendulum. <i>Review of Scientific Instruments</i> , 2011, 82, 094502.	1.3	8
25	Status of the Virgo project. <i>Classical and Quantum Gravity</i> , 2011, 28, 114002.	4.0	171
26	Tools for noise characterization in Virgo. <i>Journal of Physics: Conference Series</i> , 2010, 243, 012004.	0.4	0
27	Complete phenomenological gravitational waveforms from spinning coalescing binaries. <i>Journal of Physics: Conference Series</i> , 2010, 243, 012007.	0.4	41
28	Virgo calibration and reconstruction of the gravitational wave strain during VSR1. <i>Journal of Physics: Conference Series</i> , 2010, 228, 012015.	0.4	8
29	Noise from scattered light in Virgo's second science run data. <i>Classical and Quantum Gravity</i> , 2010, 27, 194011.	4.0	59
30	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010, 81, .	4.7	107
31	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010, 715, 1453-1461.	4.5	90
32	Testing gravitational-wave searches with numerical relativity waveforms: results from the first Numerical INjection Analysis (NINJA) project. <i>Classical and Quantum Gravity</i> , 2009, 26, 165008.	4.0	110
33	Unmodeled search for black hole binary systems in the NINJA project. <i>Classical and Quantum Gravity</i> , 2009, 26, 204005.	4.0	3
34	Status of NINJA: the Numerical INjection Analysis project. <i>Classical and Quantum Gravity</i> , 2009, 26, 114008.	4.0	39
35	A power filter for the detection of burst events based on time-frequency spectrum estimation. <i>Classical and Quantum Gravity</i> , 2004, 21, S815-S820.	4.0	8
36	Performance of a generalized $\hat{A}$ -filter for the detection of burst events. <i>Classical and Quantum Gravity</i> , 2004, 21, S741-S747.	4.0	1

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37	A time-domain veto for binary inspirals search. <i>Classical and Quantum Gravity</i> , 2004, 21, S1767-S1774.	4.0	5
38	Status of VIRGO. <i>Classical and Quantum Gravity</i> , 2003, 20, S609-S616.	4.0	9
39	Data analysis methods for non-Gaussian, nonstationary and nonlinear features and their application to VIRGO. <i>Classical and Quantum Gravity</i> , 2003, 20, S915-S924.	4.0	7
40	Testing the performance of a blind burst statistic. <i>Classical and Quantum Gravity</i> , 2003, 20, S821-S828.	4.0	1
41	Noise parametric identification and whitening for LIGO 40-m interferometer data. <i>Physical Review D</i> , 2001, 64, .	4.7	21
42	Oscillations and bistability predicted by a model for a cyclical bienzymatic system involving the regulated isocitrate dehydrogenase reaction. <i>Biophysical Chemistry</i> , 2000, 83, 153-170.	2.8	12
43	From bistability to oscillations in a model for the isocitrate dehydrogenase reaction. <i>Biophysical Chemistry</i> , 1998, 72, 201-210.	2.8	11
44	Bistability in the Isocitrate Dehydrogenase Reaction: An Experimentally Based Theoretical Study. <i>Biophysical Journal</i> , 1998, 74, 1229-1240.	0.5	27
45	Effects of cholesterol and azelaic acid in lecithin liposomes exposed to ELF fields: A thermodynamic and structural study. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994, 16, 205-211.	0.4	0