

Livia Conti

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

53,506
citations

10986

71
h-index

4228

174
g-index

187
all docs

187
docs citations

187
times ranked

17030
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	CMB Experiments and GravitationalWaves. , 2022, , 243-281.		0
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	Automated source of squeezed vacuum states driven by finite state machine based software. Review of Scientific Instruments, 2021, 92, 054504.	1.3	3
6	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. Astrophysical Journal Letters, 2021, 913, L7.	8.3	514
7	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
8	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
9	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3a. Astrophysical Journal, 2021, 915, 86.	4.5	20
10	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
11	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
12	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. Astrophysical Journal, 2020, 893, 100.	4.5	12
13	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. Physical Review Letters, 2020, 125, 101102.	7.8	336
14	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
15	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. Physical Review D, 2020, 102, .	4.7	394
16	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
17	GW190425: Observation of a Compact Binary Coalescence with Total Mass $3.4 M_{\odot}$. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
18	Model comparison from LIGO–Virgo data on GW170817’s binary components and consequences for the merger remnant. Classical and Quantum Gravity, 2020, 37, 045006.	4.0	109

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19	A guide to LIGO’s Virgo detector noise and extraction of transient gravitational-wave signals. Classical and Quantum Gravity, 2020, 37, 055002.	4.0	188
20	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.4	9
21	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. Physical Review D, 2020, 101, .	4.7	69
22	Possible nonequilibrium imprint in the cosmic background at low frequencies. Physical Review Research, 2020, 2, .	3.6	10
23	Properties and Astrophysical Implications of the 150 M_{\odot} Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
24	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. Astrophysical Journal Letters, 2020, 902, L21.	8.3	65
25	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. Physical Review D, 2019, 99, .	4.7	60
26	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015–2017 LIGO Data. Astrophysical Journal, 2019, 879, 10.	4.5	88
27	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. Physical Review D, 2019, 100, .	4.7	102
28	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. Physical Review D, 2019, 100, .	4.7	54
29	Tests of General Relativity with GW170817. Physical Review Letters, 2019, 123, 011102.	7.8	370
30	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
31	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. Physical Review D, 2019, 100, .	4.7	52
32	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO’s Second Observing Run. Physical Review Letters, 2019, 123, 161102.	7.8	119
33	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal Letters, 2019, 882, L24.	8.3	566
34	Directional limits on persistent gravitational waves using data from Advanced LIGO’s first two observing runs. Physical Review D, 2019, 100, .	4.7	52
35	CWTC-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
36	Search for the isotropic stochastic background using data from Advanced LIGO’s second observing run. Physical Review D, 2019, 100, .	4.7	200

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37	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019, 871, L13.	8.3	145
38	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	4.7	22
39	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	4.5	32
40	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019, 871, 90.	4.5	30
41	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO [*] . <i>Astrophysical Journal</i> , 2019, 875, 122.	4.5	61
42	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019, 875, 160.	4.5	97
43	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary“Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	8.3	179
44	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019, 875, 161.	4.5	71
45	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO’s Second Observing Run. <i>Astrophysical Journal</i> , 2019, 874, 163.	4.5	26
46	Constraining the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-Mode} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-Mode}$ Tidal Instability with GW170817. <i>Physical Review Letters</i> , 2019, 122, 061104.	7.8	36
47	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. <i>Physical Review D</i> , 2019, 100, .	4.7	470
48	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. <i>Physical Review Letters</i> , 2019, 123, 231108.	7.8	254
49	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019, 886, 75.	4.5	29
50	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. <i>Physical Review D</i> , 2019, 100, .	4.7	46
51	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	8.9	728
52	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO’s first observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065010.	4.0	94
53	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101.	7.8	166
54	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065009.	4.0	18

#	ARTICLE	IF	CITATIONS
55	First Search for Nontensorial Gravitational Waves from Known Pulsars. Physical Review Letters, 2018, 120, 031104.	7.8	68
56	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
57	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. Physical Review Letters, 2018, 121, 231103.	7.8	77
58	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473
59	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ from the first Advanced LIGO observing run. Physical Review Letters, 2017, 118, 121101.	4.0	91
60	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.3	9
61	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. Physical Review Letters, 2018, 120, 201102.	7.8	85
62	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2018, 97, .	4.7	46
63	Constraints on cosmic strings using data from the first Advanced LIGO observing run. Physical Review D, 2018, 97, .	4.7	88
64	Efficient second harmonic generation with compact design: double-pass and cavity configurations. Laser Physics, 2018, 28, 115401.	1.2	1
65	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
66	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. Physical Review D, 2017, 95, .	4.7	69
67	Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002.	4.0	98
68	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121101.	7.8	194
69	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, 121102.	7.8	84
70	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12.	4.5	131
71	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	2.4	69
72	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101.	7.8	1,600

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73	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017, 847, 47.	4.5	46
74	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88.	27.8	674
75	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	7.8	6,413
76	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	8.3	2,805
77	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	8.3	2,314
78	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, .	4.7	73
79	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	4.7	64
80	Search for an Ultralight Scalar Dark Matter Candidate with the AURIGA Detector. <i>Physical Review Letters</i> , 2017, 118, 021302.	7.8	38
81	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	4.5	52
82	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	4.7	40
83	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L16.	8.3	189
84	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	8.3	156
85	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	8.3	135
86	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101.	7.8	1,987
87	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	4.7	19
88	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. <i>Physical Review D</i> , 2017, 95, .	4.7	59
89	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017, 32, 1744003.	1.5	6
90	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017, 96, .	4.7	47

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91	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. Physical Review D, 2017, 96, .	4.7	60
92	On the Progenitor of Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 850, L40.	8.3	73
93	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35.	8.3	968
94	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
95	SUPPLEMENT: “THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914” (2016, ApJL, 833, L1). Astrophysical Journal, Supplement Series, 2016, 227, 14.	7.7	63
96	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
97	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. Physical Review X, 2016, 6, .	8.9	106
98	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. Physical Review D, 2016, 94, .	4.7	31
99	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1.	8.3	230
100	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
101	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	4.7	35
102	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. Physical Review D, 2016, 94, .	4.7	60
103	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR “BLACK HOLE MERGERS FROM ADVANCED LIGO”’S FIRST OBSERVING RUN. Astrophysical Journal Letters, 2016, 832, L21.	8.3	146
104	Directly comparing GW150914 with numerical solutions of Einstein’s equations for binary black hole coalescence. Physical Review D, 2016, 94, .	4.7	102
105	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	4.7	29
106	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. Physical Review D, 2016, 93, .	4.7	17
107	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	4.7	32
108	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. Physical Review D, 2016, 93, .	4.7	315

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109	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. <i>Physical Review D</i> , 2016, 93, .	4.7	14
110	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
111	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	7.8	269
112	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	7.8	466
113	SUPPLEMENT: “LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914” (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	7.7	44
114	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	4.7	119
115	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	7.8	1,224
116	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	7.8	673
117	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016, 116, 241103.	7.8	2,701
118	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	8.9	898
119	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	8.3	633
120	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	7.8	8,753
121	Energy repartition for a harmonic chain with local reservoirs. <i>Physical Review E</i> , 2015, 92, 022129.	2.1	18
122	Low loss single-crystal silicon mechanical resonators for the investigation of thermal noise statistical properties. <i>Sensors and Actuators A: Physical</i> , 2015, 227, 48-54.	4.1	2
123	Selective Coating Deposition on High-Q Single-crystal Silicon Resonators for the Investigation of Thermal Noise Statistical Properties. <i>Procedia Engineering</i> , 2014, 87, 1485-1488.	1.2	3
124	Investigation on Planck scale physics by the AURIGA gravitational bar detector. <i>New Journal of Physics</i> , 2014, 16, 085012.	2.9	23
125	Statistical distribution of bonding distances in a unidimensional solid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 412, 19-31.	2.6	2
126	Thermal noise of mechanical oscillators in steady states with a heat flux. <i>Physical Review E</i> , 2014, 90, 032119.	2.1	3

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127	Gravitational bar detectors set limits to Planck-scale physics on macroscopic variables. Nature Physics, 2013, 9, 71-73.	16.7	102
128	Effects of breaking vibrational energy equipartition on measurements of temperature in macroscopic oscillators subject to heat flux. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P12003.	2.3	26
129	Elasticity of mechanical oscillators in nonequilibrium steady states: Experimental, numerical, and theoretical results. Physical Review E, 2012, 85, 066605.	2.1	11
130	A vibration-free, thermally controlled setup for mechanical thermal noise measurements. EPJ Applied Physics, 2012, 57, 21001.	0.7	1
131	Non-equilibrium "thermal noise" of low loss oscillators. Journal of Physics: Conference Series, 2012, 363, 012011.	0.4	1
132	One-dimensional models and thermomechanical properties of solids. Physical Review B, 2011, 84, .	3.2	9
133	Wideband mechanical response of a high-Q silicon double-paddle oscillator. Journal of Micromechanics and Microengineering, 2011, 21, 065019.	2.6	22
134	A compact, passive setup for low vibration noise measurements in the frequency band (300â€“2000) Hz. Review of Scientific Instruments, 2010, 81, 035115.	1.3	4
135	RareNoise: non-equilibrium effects in detectors of gravitational waves. Classical and Quantum Gravity, 2010, 27, 084032.	4.0	13
136	IGEC2: A 17-month search for gravitational wave bursts in 2005â€“2007. Physical Review D, 2010, 82, .	4.7	19
137	Nonequilibrium Steady-State Fluctuations in Actively Cooled Resonators. Physical Review Letters, 2009, 103, 010601.	7.8	56
138	Harmonic damped oscillators with feedback: a Langevin study. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P10016.	2.3	9
139	Loss budget of a setup for measuring mechanical dissipations of silicon wafers between 300 and 4K. Review of Scientific Instruments, 2008, 79, 033901.	1.3	13
140	First joint gravitational wave search by the AURIGAâ€“EXPLORERâ€“NAUTILUSâ€“Virgo Collaboration. Classical and Quantum Gravity, 2008, 25, 205007.	4.0	13
141	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. Classical and Quantum Gravity, 2008, 25, 114046.	4.0	0
142	Feedback Cooling of the Normal Modes of a Massive Electromechanical System to Submillikelvin Temperature. Physical Review Letters, 2008, 101, 033601.	7.8	56
143	Low temperature mechanical dissipation measurements of silicon and silicon carbide as candidate material for DUAL detector. Journal of Physics: Conference Series, 2008, 122, 012030.	0.4	0
144	Results of the IGEC-2 search for gravitational wave bursts during 2005. Physical Review D, 2007, 76, .	4.7	50

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145	Optical metrology for massive detectors of gravitational waves. Optics and Lasers in Engineering, 2007, 45, 471-477.	3.8	1
146	Principles of wide bandwidth acoustic detectors and the single-mass dual detector. Physical Review D, 2006, 74, .	4.7	19
147	Application of sapphire bonding for suspension of cryogenic mirrors. Journal of Physics: Conference Series, 2006, 32, 309-314.	0.4	10
148	Wide bandwidth dual acoustic gravitational wave detectors. Nuclear Physics, Section B, Proceedings Supplements, 2005, 138, 443-445.	0.4	1
149	New suspension system for the gravitational wave bar detector AURIGA. Review of Scientific Instruments, 2005, 76, 084502.	1.3	6
150	Interferometric readout for acoustic gravitational wave detectors. AIP Conference Proceedings, 2005, , .	0.4	0
151	3-Mode Detection for Widening the Bandwidth of Resonant Gravitational Wave Detectors. Physical Review Letters, 2005, 94, .	7.8	56
152	Upper Limits on Gravitational-Wave Emission in Association with the 27ÂDecÂ2004 Giant Flare of SGR1806-20. Physical Review Letters, 2005, 95, 081103.	7.8	19
153	APPLICATION OF SAPPHIRE BONDING FOR INTERFEROMETRIC GRAVITATIONAL WAVE DETECTOR WITH CRYOGENIC MIRRORS. International Journal of Modern Physics A, 2005, 20, 7060-7062.	1.5	1
154	An optical readout scheme for advanced acoustic GW detectors. Classical and Quantum Gravity, 2004, 21, S1237-S1240.	4.0	2
155	Wide bandwidth dual acoustic gravitational wave detectors. Classical and Quantum Gravity, 2004, 21, S1155-S1159.	4.0	9
156	The AURIGA second scientific run and the dual detector of gravitational waves. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 236-239.	1.6	0
157	Dual detectors of gravitational waves. , 2004, , .		0
158	A folded Fabryâ€Perot cavity for optical sensing in gravitational wave detectors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 15-23.	2.1	20
159	High-spectral-purity laser system for the AURIGA detector optical readout. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 462.	2.1	19
160	Room temperature gravitational wave bar detector with optomechanical readout. Journal of Applied Physics, 2003, 93, 3589-3595.	2.5	26
161	Methods and results of the IGEC search for burst gravitational waves in the years 1997â€2000. Physical Review D, 2003, 68, .	4.7	90
162	Thermal and back-action noises in dual-sphere gravitational-wave detectors. Physical Review D, 2003, 67, .	4.7	49

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163	Selective readout and back-action reduction for wideband acoustic gravitational wave detectors. Physical Review D, 2003, 68, .	4.7	31
164	Laser system for the AURIGA detector optical transduction chain. , 2003, , .		0
165	Experimental Measurement of the Dynamic Photothermal Effect in Fabry-Perot Cavities for Gravitational Wave Detectors. Physical Review Letters, 2002, 89, 237402.	7.8	37
166	First room temperature operation of the AURIGA optical readout. Classical and Quantum Gravity, 2002, 19, 1919-1924.	4.0	15
167	Search for gravitational wave bursts by the network of resonant detectors. Classical and Quantum Gravity, 2002, 19, 1367-1375.	4.0	9
168	Status report and near future prospects for the gravitational wave detector AURIGA. Classical and Quantum Gravity, 2002, 19, 1925-1933.	4.0	45
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