Enrico Calloni

List of Articles by Year
in descending order

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233 peer-reviewed articles	50,446 peer-reviewed citations	17836 64 peer-reviewed h-index	485928 4.36 score
250 documents	53157 doc citations	18930 68 h-index	10604 citing authors

#	Article	IF	Citations
1	Thermal noise-limited beam balance as prototype of the Archimedes vacuum weight experiment and B-L dark photon search. European Physical Journal Plus, 2024, 139, .	1.9	3
2	Calibration of advanced Virgo and reconstruction of the detector strain h(t) during the observing run O3. Classical and Quantum Gravity, 2022, 39, 045006.	2.5	46
3	Constraints on dark photon dark matter using data from LIGO's and Virgo's third observing run. Physical Review D, 2022, 105, .	3.4	65
4	All-sky, all-frequency directional search for persistent gravitational waves from Advanced LIGO's and Advanced Virgo's first three observing runs. Physical Review D, 2022, 105, .	3.4	33
5	A lower limit for Newtonian-noise models of the Einstein Telescope. European Physical Journal Plus, 2022, 137, .	1.9	17
6	Casimir energy for N superconducting cavities: a model for the YBCO (GdBCO) sample to be used in the Archimedes experiment. European Physical Journal Plus, 2022, 137, .	1.9	8
7	A Seismological Study of the Sos Enattos Area—the Sardinia Candidate Site for the Einstein Telescope. Seismological Research Letters, 2021, 92, 352-364.	1.7	32
8	High-bandwidth beam balance for vacuum-weight experiment and Newtonian noise subtraction. European Physical Journal Plus, 2021, 136, .	1.9	7
9	Automated source of squeezed vacuum states driven by finite state machine based software. Review of Scientific Instruments, 2021, 92, .	1.1	6
10	Seismic glitchness at Sos Enattos site: impact on intermediate black hole binaries detection efficiency. European Physical Journal Plus, 2021, 136, .	1.9	11
11	Constraints on Cosmic Strings Using Data from the Third Advanced LIGO–Virgo Observing Run. Physical Review Letters, 2021, 126, .	5.8	181
12	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. Physical Review X, 2021, 11, .	7.9	1,921
13	Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgo's first three observing runs. Physical Review D, 2021, 104, .	3.4	105
14	Picoradiant tiltmeter and direct ground tilt measurements at the Sos Enattos site. European Physical Journal Plus, 2021, 136, .	1.9	11
15	Characterization of the seismic field at Virgo and improved estimates of Newtonian-noise suppression by recesses. Classical and Quantum Gravity, 2021, 38, 245007.	2.5	6
16	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGO–Virgo's Third Observing Run. Astrophysical Journal, 2021, 923, 14.	3.5	164
17	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	2.9	10
18	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, .	38.3	825

#	Article	IF	Citations
19	GW190521: A Binary Black Hole Merger with a Total Mass of 150 M⊙. Physical Review Letters, 2020, 125, .	5.8	1,265
20	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. Physical Review D, 2020, 102, .	3.4	581
21	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.	7.2	1,746
22	Progress in a Vacuum Weight Search Experiment. Physics, 2020, 2, 1-13.	0.9	17
23	Characterization of the Sos Enattos site for the Einstein Telescope. Journal of Physics: Conference Series, 2020, 1468, 012242.	0.2	29
24	Properties and Astrophysical Implications of the 150 M⊙ Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	7.2	615
25	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. Astrophysical Journal Letters, 2020, 902, L21.	7.2	85
26	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. Physical Review D, 2019, 100, .	3.4	80
27	Directional limits on persistent gravitational waves using data from Advanced LIGO's first two observing runs. Physical Review D, 2019, 100, .	3.4	68
28	GWTC-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, .	7.9	2,930
29	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. Physical Review D, 2019, 100, .	3.4	290
30	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. Astrophysical Journal, 2019, 871, 90.	3.5	35
31	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO*. Astrophysical Journal, 2019, 875, 122.	3.5	73
32	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal, 2019, 875, 160.	3.5	121
33	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, .	5.8	400
34	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. Physical Review D, 2019, 100, .	3.4	60
35	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, .	38.3	1,018
36	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. Physical Review Letters, 2018, 120, .	5.8	111

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37	Constraints on cosmic strings using data from the first Advanced LIGO observing run. Physical Review D, 2018, 97, .	3.4	123
38	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, .	5.8	255
39	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. Physical Review Letters, 2017, 118, .	5.8	103
40	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, .	5.8	1,895
41	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. Astrophysical Journal, 2017, 847, 47.	3.5	54
42	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, .	5.8	8,813
43	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.	3.5	60
44	Casimir energy for two and three superconducting coupled cavities: Numerical calculations. European Physical Journal Plus, 2017, 132, .	1.9	5
45	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. Physical Review D, 2017, 95, .	3.4	23
46	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. Physical Review D, 2017, 95, .	3.4	72
47	Introduction to gravitational wave detection and Advanced Virgo Status and perspectives. Nuclear and Particle Physics Proceedings, 2017, 291-293, 127-133.	0.2	1
48	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	2.5	296
49	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, .	38.3	521
50	The Archimedes experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 646-647.	0.9	7
51	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. Physical Review D, 2016, 94, .	3.4	76
52	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.	7.2	156
53	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	3.4	30
54	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. Physical Review D, 2016, 93, .	3.4	20

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55	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	3.4	34
56	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. Physical Review D, 2016, 93, .	3.4	18
57	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, .	5.8	324
58	The POLIS interferometer for ponderomotive squeezed light generation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 614-616.	0.9	0
59	Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, .	5.8	12,203
60	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	3.4	43
61	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, .	3.4	49
62	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	3.4	51
63	Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012.	2.5	1,200
64	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.2	38
65	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	3.5	71
66	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	2.5	3,779
67	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.	2.5	11
68	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. Astrophysical Journal, Supplement Series, 2014, 211, 7.	4.9	60
69	First all-sky search for continuous gravitational waves from unknown sources in binary systems. Physical Review D, 2014, 90, .	3.4	62
70	Towards weighing the condensation energy to ascertain the Archimedes force of vacuum. Physical Review D, 2014, 90, .	3.4	28
71	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, .	5.8	76
72	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, .	5.8	90

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73	Implementation of an $\mathcal{F}$-statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. Classical and Quantum Gravity, 2014, 31, 165014.	2.5	38
74	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119.	3.5	137
75	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. Classical and Quantum Gravity, 2014, 31, 085014.	2.5	21
76	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. Classical and Quantum Gravity, 2014, 31, 115004.	2.5	56
77	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005–2010. Physical Review D, 2014, 89, .	3.4	28
78	Search for Gravitational Waves Associated withγ-ray Bursts Detected by the Interplanetary Network. Physical Review Letters, 2014, 113, .	5.8	35
79	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. Physical Review D, 2014, 89, .	3.4	35
80	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. Physical Review D, 2014, 89, .	3.4	31
81	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009–2010. Physical Review D, 2013, 87, .	3.4	95
82	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	3.4	32
83	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. Classical and Quantum Gravity, 2013, 30, 055017.	2.5	14
84	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. Physical Review D, 2013, 87, .	3.4	93
85	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. Physical Review D, 2013, 88, .	3.4	140
86	Directed search for continuous gravitational waves from the Galactic center. Physical Review D, 2013, 88, .	3.4	68
87	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	2.5	7
88	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28.	4.9	64
89	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	2.5	82
90	Noise monitor tools and their application to Virgo data. Journal of Physics: Conference Series, 2012, 363, 012024.	0.2	2

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91	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155.	4.0	76
92	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. Astrophysical Journal, 2012, 760, 12.	3.5	110
93	The NoEMi (Noise Frequency Event Miner) framework. Journal of Physics: Conference Series, 2012, 363, 012037.	0.2	15
94	Results of Measuring the Influence of Casimir Energy on Superconducting Phase Transitions. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2557-2565.	1.3	13
95	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. Physical Review D, 2012, 85, .	3.4	114
96	Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, .	3.4	49
97	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. Physical Review D, 2012, 85, .	3.4	49
98	Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. Physical Review D, 2012, 85, .	3.4	195
99	All-sky search for periodic gravitational waves in the full S5 LIGO data. Physical Review D, 2012, 85, .	3.4	69
100	Virgo: a laser interferometer to detect gravitational waves. Journal of Instrumentation, 2012, 7, P03012-P03012.	0.9	303
101	Scientific objectives of Einstein Telescope. Classical and Quantum Gravity, 2012, 29, 124013.	2.5	494
102	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. Astronomy and Astrophysics, 2012, 539, A124.	4.0	90
103	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. Physical Review D, 2011, 83, .	3.4	90
104	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. Journal of Low Frequency Noise Vibration and Active Control, 2011, 30, 63-79.	1.7	38
105	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. Astrophysical Journal Letters, 2011, 734, L35.	7.2	60
106	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. Astrophysical Journal, 2011, 737, 93.	3.5	92
107	Automatic Alignment system during the second science run of the Virgo interferometer. Astroparticle Physics, 2011, 34, 327-332.	2.9	6
108	Performance of the Virgo interferometer longitudinal control system during the second science run. Astroparticle Physics, 2011, 34, 521-527.	2.9	15

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109	Sensitivity studies for third-generation gravitational wave observatories. Classical and Quantum Gravity, 2011, 28, 094013.	2.5	1,058
110	Calibration and sensitivity of the Virgo detector during its second science run. Classical and Quantum Gravity, 2011, 28, 025005.	2.5	89
111	A state observer for the Virgo inverted pendulum. Review of Scientific Instruments, 2011, 82, .	1.1	8
112	Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. Physical Review Letters, 2011, 107, .	5.8	100
113	Status of the Virgo project. Classical and Quantum Gravity, 2011, 28, 114002.	2.5	177
114	Tools for noise characterization in Virgo. Journal of Physics: Conference Series, 2010, 243, 012004.	0.2	0
115	Virgo calibration and reconstruction of the gravitationnal wave strain during VSR1. Journal of Physics: Conference Series, 2010, 228, 012015.	0.2	8
116	Status and perspectives of the Virgo gravitational wave detector. Journal of Physics: Conference Series, 2010, 203, 012074.	0.2	30
117	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452.	3.5	61
118	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	2.9	68
119	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	2.9	11
120	The third generation of gravitational wave observatories and their science reach. Classical and Quantum Gravity, 2010, 27, 084007.	2.5	373
121	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	3.5	160
122	The Einstein Telescope: a third-generation gravitational wave observatory. Classical and Quantum Gravity, 2010, 27, 194002.	2.5	2,140
123	Noise from scattered light in Virgo's second science run data. Classical and Quantum Gravity, 2010, 27, 194011.	2.5	78
124	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. Physical Review D, 2010, 82, .	3.4	113
125	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. Physical Review D, 2010, 81, .	3.4	114
126	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. Classical and Quantum Gravity, 2010, 27, 173001.	2.5	983

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127	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. Astrophysical Journal, 2010, 715, 1453-1461.	3.5	90
128	Laser with an in-loop relative frequency stability of1.0×10−21on a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .	1.8	9
129	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. Classical and Quantum Gravity, 2009, 26, 204002.	2.5	13
130	Gravitational wave burst search in the Virgo C7 data. Classical and Quantum Gravity, 2009, 26, 085009.	2.5	17
131	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	30.6	323
132	Lock acquisition of the Virgo gravitational wave detector. Astroparticle Physics, 2008, 30, 29-38.	2.9	16
133	Gravity of magnetic stresses and energy. Physical Review D, 2008, 77, .	3.4	1
134	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. IEEE Transactions on Nuclear Science, 2008, 55, 302-310.	1.3	7
135	Low noise cryogenic system for the measurement of the Casimir energy in rigid cavities. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164023.	1.3	22
136	First joint gravitational wave search by the AURIGA–EXPLORER–NAUTILUS–Virgo Collaboration. Classical and Quantum Gravity, 2008, 25, 205007.	2.5	13
137	The Virgo 3 km interferometer for gravitational wave detection. Journal of Optics, 2008, 10, 064009.	1.6	31
138	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. Classical and Quantum Gravity, 2008, 25, 114046.	2.5	0
139	Search for gravitational waves associated with GRB 050915a using the Virgo detector. Classical and Quantum Gravity, 2008, 25, 225001.	2.5	28
140	Novel features of the energy–momentum tensor of a Casimir apparatus in a weak gravitational field. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164056.	1.3	0
141	Status of Virgo. Classical and Quantum Gravity, 2008, 25, 114045.	2.5	149
142	Virgo status. Classical and Quantum Gravity, 2008, 25, 184001.	2.5	118
143	Noise studies during the first Virgo science run and after. Classical and Quantum Gravity, 2008, 25, 184003.	2.5	8
144	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. IEEE Transactions on Nuclear Science, 2008, 55, 225-232.	1.3	5

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145	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. Journal of Physics: Conference Series, 2008, 120, 032007.	0.2	16
146	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. Classical and Quantum Gravity, 2007, 24, S617-S625.	2.5	10
147	Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. Classical and Quantum Gravity, 2007, 24, S671-S679.	2.5	19
148	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. Classical and Quantum Gravity, 2007, 24, S491-S499.	2.5	13
149	Analysis of noise lines in the Virgo C7 data. Classical and Quantum Gravity, 2007, 24, S433-S443.	2.5	9
150	Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. Classical and Quantum Gravity, 2007, 24, S415-S422.	2.5	4
151	Status of Virgo detector. Classical and Quantum Gravity, 2007, 24, S381-S388.	2.5	59
152	Status of coalescing binaries search activities in Virgo. Classical and Quantum Gravity, 2007, 24, 5767-5775.	2.5	9
153	Measurement of the optical parameters of the Virgo interferometer. Applied Optics, 2007, 46, 3466.	1.8	14
154	Relativistic mechanics of Casimir apparatuses in a weak gravitational field. Physical Review D, 2007, 76, .	3.4	55
155	High sensitivity adaptive optics control of laser beam based on interferometric phase-front detection. Optics and Lasers in Engineering, 2007, 45, 468-470.	3.0	5
156	The Virgo interferometric gravitational antenna. Optics and Lasers in Engineering, 2007, 45, 478-487.	3.0	12
157	Adaptive Optics for the control of laser beam in gravitational wave interferometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 518-520.	0.9	0
158	The Aladin2 experiment: Sensitivity study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 515-517.	0.9	1
159	Energy-momentum tensor for a Casimir apparatus in a weak gravitational field. Physical Review D, 2006, 74, .	3.4	58
160	Status of Virgo. Journal of Physics: Conference Series, 2006, 39, 32-35.	0.2	3
161	Virgo upgrade investigations. Journal of Physics: Conference Series, 2006, 32, 223-229.	0.2	21
162	A parallel in-time analysis system for Virgo.. Journal of Physics: Conference Series, 2006, 32, 35-43.	0.2	0

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163	Environmental noise studies in Virgo. Journal of Physics: Conference Series, 2006, 32, 80-88.	0.2	7
164	Generation of non-Gaussian flat laser beams. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 355, 258-261.	1.6	6
165	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1985-1995.	3.7	8
166	The status of coalescing binaries search code in Virgo, and the analysis of C5 data. Classical and Quantum Gravity, 2006, 23, S187-S196.	2.5	5
167	Normal/independent noise in VIRGO data. Classical and Quantum Gravity, 2006, 23, S829-S836.	2.5	0
168	Casimir energy and the superconducting phase transition. Journal of Physics A, 2006, 39, 6161-6171.	1.5	8
169	The Aladin2 experiment: status and perspectives. Journal of Physics A, 2006, 39, 6153-6159.	1.5	6
170	The variable finesse locking technique. Classical and Quantum Gravity, 2006, 23, S85-S89.	2.5	22
171	The Virgo automatic alignment system. Classical and Quantum Gravity, 2006, 23, S91-S101.	2.5	18
172	Low-noise adaptive optics for gravitational wave interferometers. Classical and Quantum Gravity, 2006, 23, 5919-5925.	2.5	1
173	The status of VIRGO. Classical and Quantum Gravity, 2006, 23, S63-S69.	2.5	78
174	Testing Virgo burst detection tools on commissioning run data. Classical and Quantum Gravity, 2006, 23, S197-S205.	2.5	3
175	The Virgo status. Classical and Quantum Gravity, 2006, 23, S635-S642.	2.5	179
176	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. Astroparticle Physics, 2005, 23, 557-565.	2.9	88
177	A simple line detection algorithm applied to Virgo data. Classical and Quantum Gravity, 2005, 22, S1189-S1196.	2.5	6
178	A first study of environmental noise coupling to the Virgo interferometer. Classical and Quantum Gravity, 2005, 22, S1069-S1077.	2.5	4
179	An optical readout system for the drag-free control of LISA. Classical and Quantum Gravity, 2005, 22, S279-S285.	2.5	12
180	Virgo status and commissioning results. Classical and Quantum Gravity, 2005, 22, S185-S191.	2.5	2

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181	Status of Virgo. Classical and Quantum Gravity, 2005, 22, S869-S880.	2.5	56
182	NAP: a tool for noise data analysis. Application to Virgo engineering runs. Classical and Quantum Gravity, 2005, 22, S1041-S1049.	2.5	7
183	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	2.5	4
184	First adaptive optics control of laser beam based on interferometric phase-front detection. Review of Scientific Instruments, 2005, 76, 083119.	1.1	4
185	Towards Measuring Variations of Casimir Energy by a Superconducting Cavity. Physical Review Letters, 2005, 94, .	5.8	83
186	Variations of Casimir energy from a superconducting transition. Nuclear Physics B, 2005, 726, 441-463.	1.8	71
187	Search for inspiralling binary events in the Virgo Engineering Run data. Classical and Quantum Gravity, 2004, 21, S709-S716.	2.5	13
188	An optical readout system for the LISA gravitational reference sensors. Classical and Quantum Gravity, 2004, 21, S621-S627.	2.5	5
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