Fulvio Ricci

List of Publications by Year
in descending order

192 papers	9,988 citations	126907 33 h-index	34986 98 g-index
192 all docs	192 docs citations	192 times ranked	5475 citing authors

#	Article	IF	Citations
1	Seismic noise background in the Baksan Neutrino Observatory. European Physical Journal Plus, 2022, 137, 1.	2.6	1
2	A lower limit for Newtonian-noise models of the Einstein Telescope. European Physical Journal Plus, 2022, 137, .	2.6	7
3	Argon and Other Defects in Amorphous SiO2 Coatings for Gravitational-Wave Detectors. Coatings, 2022, 12, 1001.	2.6	5
4	A Seismological Study of the Sos Enattos Areaâ€"the Sardinia Candidate Site for the Einstein Telescope. Seismological Research Letters, 2021, 92, 352-364.	1.9	17
5	Deep learning for core-collapse supernova detection. Physical Review D, 2021, 103, .	4.7	30
6	Gravitational-wave physics and astronomy in the 2020s and 2030s. Nature Reviews Physics, 2021, 3, 344-366.	26.6	96
7	Automated source of squeezed vacuum states driven by finite state machine based software. Review of Scientific Instruments, 2021, 92, 054504.	1.3	3
8	Seismic glitchness at Sos Enattos site: impact on intermediate black hole binaries detection efficiency. European Physical Journal Plus, 2021, 136, 1.	2.6	5
9	Deep learning algorithms for gravitational waves core-collapse supernova detection. , 2021, , .		1
10	Towards ponderomotive squeezing with SIPS experiment. Physica Scripta, 2021, 96, 114007.	2.5	3
11	Cryogenic vacuum considerations for future gravitational wave detectors. Physical Review D, 2021, 104, .	4.7	4
12	Picoradiant tiltmeter and direct ground tilt measurements at the Sos Enattos site. European Physical Journal Plus, 2021, 136, 1.	2.6	5
13	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
14	Progress in a Vacuum Weight Search Experiment. Physics, 2020, 2, 1-13.	1.4	11
15	Characterization of the Sos Enattos site for the Einstein Telescope. Journal of Physics: Conference Series, 2020, 1468, 012242.	0.4	15
16	Gravitational wave observations and future detectors. Rendiconti Lincei, 2019, 30, 57-64.	2.2	0
17	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
18	New method to observe gravitational waves emitted by core collapse supernovae. Physical Review D, 2018, 98, .	4.7	44

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19	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
20	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	1.5	6
21	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
22	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
23	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
24	Microseismic studies of an underground site for a new interferometric gravitational wave detector. Classical and Quantum Gravity, 2014, 31, 105016.	4.0	28
25	Concepts and research for future detectors. General Relativity and Gravitation, 2014, 46, 1.	2.0	2
26	Low Temperature and Gravitation Wave Detectors. Astrophysics and Space Science Library, 2014, , 363-387.	2.7	3
27	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
28	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	4.0	5
29	Status of the commissioning of the Virgo interferometer. , 2012, , .		1
30	Noise monitor tools and their application to Virgo data. Journal of Physics: Conference Series, 2012, 363, 012024.	0.4	2
31	The NoEMi (Noise Frequency Event Miner) framework. Journal of Physics: Conference Series, 2012, 363, 012037.	0.4	12
32	Scientific objectives of Einstein Telescope. Classical and Quantum Gravity, 2012, 29, 124013.	4.0	355
33	Opportunity to test non-Newtonian gravity using interferometric sensors with dynamic gravity field generators. Physical Review D, 2011, 84, .	4.7	7
34	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. International Journal of Modern Physics D, 2011, 20, 2075-2079.	2.1	4
35	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. Journal of Low Frequency Noise Vibration and Active Control, 2011, 30, 63-79.	2.9	28
36	Cryogenics and Einstein Telescope. General Relativity and Gravitation, 2011, 43, 657-669.	2.0	4

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37	Challenges in thermal noise for 3rd generation of gravitational wave detectors. General Relativity and Gravitation, 2011, 43, 593-622.	2.0	35
38	Automatic Alignment system during the second science run of the Virgo interferometer. Astroparticle Physics, 2011, 34, 327-332.	4.3	6
39	Performance of the Virgo interferometer longitudinal control system during the second science run. Astroparticle Physics, 2011, 34, 521-527.	4.3	13
40	A cryogenic payload for the 3rd generation of gravitational wave interferometers. Astroparticle Physics, 2011, 35, 67-75.	4.3	3
41	Sensitivity studies for third-generation gravitational wave observatories. Classical and Quantum Gravity, 2011, 28, 094013.	4.0	644
42	Calibration and sensitivity of the Virgo detector during its second science run. Classical and Quantum Gravity, 2011, 28, 025005.	4.0	85
43	A state observer for the Virgo inverted pendulum. Review of Scientific Instruments, 2011, 82, 094502.	1.3	8
44	Status of the Virgo project. Classical and Quantum Gravity, 2011, 28, 114002.	4.0	171
45	The 14th Gravitational Wave Data Analysis Workshop (GWDAW-14), University of Rome `Sapienza', Rome, Italy, 26â€“29 January 2010. Classical and Quantum Gravity, 2010, 27, 190301.	4.0	0
46	Preliminary results on the cryogenic payload for the 3rd generation g.w. interferometers. Journal of Physics: Conference Series, 2010, 228, 012030.	0.4	0
47	Tools for noise characterization in Virgo. Journal of Physics: Conference Series, 2010, 243, 012004.	0.4	0
48	Virgo calibration and reconstruction of the gravitationnal wave strain during VSR1. Journal of Physics: Conference Series, 2010, 228, 012015.	0.4	8
49	Status and perspectives of the Virgo gravitational wave detector. Journal of Physics: Conference Series, 2010, 203, 012074.	0.4	29
50	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	4.3	62
51	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	4.3	11
52	The third generation of gravitational wave observatories and their science reach. Classical and Quantum Gravity, 2010, 27, 084007.	4.0	287
53	The Einstein Telescope: a third-generation gravitational wave observatory. Classical and Quantum Gravity, 2010, 27, 194002.	4.0	1,211
54	Noise from scattered light in Virgo's second science run data. Classical and Quantum Gravity, 2010, 27, 194011.	4.0	59

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55	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.	4.5	90
56	14thGravitational Waves Data Analysis Workshop. Journal of Physics: Conference Series, 2010, 243, 011001.	0.4	0
57	GRAVITATIONAL WAVES: FROM THE PAST TO THE FUTURE OF THE GLOBAL NETWORK OF DETECTORS. , 2010, , .		0
58	Control of the laser frequency of the Virgo gravitational wave interferometer with an in-loop relative frequency stability of 1.0 Ã— 10â ̆’21 on a 100 ms time scale. , 2009, , .		4
59	Laser with an in-loop relative frequency stability of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1.0</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mrow><mml:mn>10</mml:mn> a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .	2.5	8
60	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. Classical and Quantum Gravity, 2009, 26, 204002.	4.0	10
61	Gravitational wave burst search in the Virgo C7 data. Classical and Quantum Gravity, 2009, 26, 085009.	4.0	16
62	Lock acquisition of the Virgo gravitational wave detector. Astroparticle Physics, 2008, 30, 29-38.	4.3	16
63	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. IEEE Transactions on Nuclear Science, 2008, 55, 302-310.	2.0	7
64	First joint gravitational wave search by the AURIGAâ€“EXPLORERâ€“NAUTILUSâ€“Virgo Collaboration. Classical and Quantum Gravity, 2008, 25, 205007.	4.0	13
65	The Virgo 3 km interferometer for gravitational wave detection. Journal of Optics, 2008, 10, 064009.	1.5	31
66	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. Classical and Quantum Gravity, 2008, 25, 114046.	4.0	0
67	Search for gravitational waves associated with GRB 050915a using the Virgo detector. Classical and Quantum Gravity, 2008, 25, 225001.	4.0	28
68	Status of Virgo. Classical and Quantum Gravity, 2008, 25, 114045.	4.0	148
69	All-sky search of NAUTILUS data. Classical and Quantum Gravity, 2008, 25, 184012.	4.0	10
70	Detailed comparison of LIGO and Virgo inspiral pipelines in preparation for a joint search. Classical and Quantum Gravity, 2008, 25, 045001.	4.0	23
71	A comparison of methods for gravitational wave burst searches from LIGO and Virgo. Classical and Quantum Gravity, 2008, 25, 045002.	4.0	12
72	Virgo status. Classical and Quantum Gravity, 2008, 25, 184001.	4.0	116

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73	Noise studies during the first Virgo science run and after. Classical and Quantum Gravity, 2008, 25, 184003.	4.0	8
74	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. IEEE Transactions on Nuclear Science, 2008, 55, 225-232.	2.0	5
75	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. Journal of Physics: Conference Series, 2008, 120, 032007.	0.4	15
76	Methods of gravitational wave detection in the VIRGO Interferometer. , 2007, , .		1
77	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. Classical and Quantum Gravity, 2007, 24, S617-S625.	4.0	10
78	Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. Classical and Quantum Gravity, 2007, 24, S671-S679.	4.0	19
79	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. Classical and Quantum Gravity, 2007, 24, S491-S499.	4.0	13
80	Analysis of noise lines in the Virgo C7 data. Classical and Quantum Gravity, 2007, 24, S433-S443.	4.0	9
81	Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. Classical and Quantum Gravity, 2007, 24, S415-S422.	4.0	4
82	Status of Virgo detector. Classical and Quantum Gravity, 2007, 24, S381-S388.	4.0	56
83	Status of coalescing binaries search activities in Virgo. Classical and Quantum Gravity, 2007, 24, 5767-5775.	4.0	9
84	Measurement of the optical parameters of the Virgo interferometer. Applied Optics, 2007, 46, 3466.	2.1	13
85	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. , 2007, , .		0
86	The Real-time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. , 2007, , .		1
87	Experimental upper limit on the estimated thermal noise at low frequencies in a gravitational wave detector. Physical Review D, 2007, 76, .	4.7	2
88	The Virgo interferometric gravitational antenna. Optics and Lasers in Engineering, 2007, 45, 478-487.	3.8	7
89	Vibration-free cryostat for low-noise applications of a pulse tube cryocooler. Review of Scientific Instruments, 2006, 77, 095102.	1.3	32
90	Status of Virgo. Journal of Physics: Conference Series, 2006, 39, 32-35.	0.4	3

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91	Considerations on collected data with the Low Frequency Facility experiment. Journal of Physics: Conference Series, 2006, 32, 346-352.	0.4	3
92	Benefits of joint LIGO - Virgo coincidence searches for burst and inspiral signals. Journal of Physics: Conference Series, 2006, 32, 212-222.	0.4	10
93	Virgo upgrade investigations. Journal of Physics: Conference Series, 2006, 32, 223-229.	0.4	21
94	A parallel in-time analysis system for Virgo.. Journal of Physics: Conference Series, 2006, 32, 35-43.	0.4	0
95	Environmental noise studies in Virgo. Journal of Physics: Conference Series, 2006, 32, 80-88.	0.4	4
96	Vibration Free Cryostat for cooling suspended mirrors. Journal of Physics: Conference Series, 2006, 32, 374-379.	0.4	3
97	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1985-1995.	4.7	5
98	The status of coalescing binaries search code in Virgo, and the analysis of C5 data. Classical and Quantum Gravity, 2006, 23, S187-S196.	4.0	7
99	Normal/independent noise in VIRGO data. Classical and Quantum Gravity, 2006, 23, S829-S836.	4.0	0
100	All-sky search of EXPLORER data: search for coincidences. Classical and Quantum Gravity, 2006, 23, S687-S692.	4.0	1
101	The variable finesse locking technique. Classical and Quantum Gravity, 2006, 23, S85-S89.	4.0	22
102	The Virgo automatic alignment system. Classical and Quantum Gravity, 2006, 23, S91-S101.	4.0	16
103	The status of VIRGO. Classical and Quantum Gravity, 2006, 23, S63-S69.	4.0	83
104	Testing Virgo burst detection tools on commissioning run data. Classical and Quantum Gravity, 2006, 23, S197-S205.	4.0	3
105	The Virgo status. Classical and Quantum Gravity, 2006, 23, S635-S642.	4.0	179
106	Experimental evidence for an optical spring. Physical Review A, 2006, 74, .	2.5	19
107	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. Astroparticle Physics, 2005, 23, 557-565.	4.3	79
108	Virgo and the worldwide search for gravitational waves. AIP Conference Proceedings, 2005, , .	0.4	2

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109	The Virgo Detector. AIP Conference Proceedings, 2005, , .	0.4	10
110	A simple line detection algorithm applied to Virgo data. Classical and Quantum Gravity, 2005, 22, S1189-S1196.	4.0	6
111	A first comparison of search methods for gravitational wave bursts using LIGO and Virgo simulated data. Classical and Quantum Gravity, 2005, 22, S1293-S1301.	4.0	15
112	A first study of environmental noise coupling to the Virgo interferometer. Classical and Quantum Gravity, 2005, 22, S1069-S1077.	4.0	4
113	Virgo status and commissioning results. Classical and Quantum Gravity, 2005, 22, S185-S191.	4.0	2
114	An all-sky search of EXPLORER data. Classical and Quantum Gravity, 2005, 22, S1243-S1254.	4.0	10
115	Status of Virgo. Classical and Quantum Gravity, 2005, 22, S869-S880.	4.0	54
116	NAP: a tool for noise data analysis. Application to Virgo engineering runs. Classical and Quantum Gravity, 2005, 22, S1041-S1049.	4.0	7
117	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	4.0	5
118	A first comparison between LIGO and Virgo inspiral search pipelines. Classical and Quantum Gravity, 2005, 22, S1149-S1158.	4.0	7
119	THE GRAVITATIONAL WAVE DETECTORS ON THE EARTH AT THE ERA OF THE VIRGO START UP. , 2005, , .		0
120	Search for inspiralling binary events in the Virgo Engineering Run data. Classical and Quantum Gravity, 2004, 21, S709-S716.	4.0	13
121	First results of the low frequency facility experiment. Classical and Quantum Gravity, 2004, 21, S1099-S1106.	4.0	4
122	A GRID solution for gravitational waves signal analysis from coalescing binaries: performances of test algorithms and further developments. Classical and Quantum Gravity, 2004, 21, S811-S814.	4.0	1
123	The VIRGO large mirrors: a challenge for low loss coatings. Classical and Quantum Gravity, 2004, 21, S935-S945.	4.0	30
124	Status of VIRGO. Classical and Quantum Gravity, 2004, 21, S385-S394.	4.0	89
125	Results of the Virgo central interferometer commissioning. Classical and Quantum Gravity, 2004, 21, S395-S402.	4.0	5
126	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. Classical and Quantum Gravity, 2004, 21, S425-S432.	4.0	5

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127	Properties of seismic noise at the Virgo site. Classical and Quantum Gravity, 2004, 21, S433-S440.	4.0	25
128	A first test of a sine-Hough method for the detection of pulsars in binary systems using the E4 Virgo engineering run data. Classical and Quantum Gravity, 2004, 21, S717-S727.	4.0	1
129	Sensitivity of the Low Frequency Facility experiment around 10ÂHz. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 322, 1-9.	2.1	4
130	First locking of the Virgo central area interferometer with suspension hierarchical control. Astroparticle Physics, 2004, 20, 629-640.	4.3	19
131	The commissioning of the central interferometer of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 21, 1-22.	4.3	22
132	A local control system for the test masses of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 20, 617-628.	4.3	22
133	Status of VIRGO. , 2004, 5500, 58.		2
134	Low-loss coatings for the VIRGO large mirrors. , 2004, , .		14
135	Status report of the low frequency facility experiment, Virgo R&D. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 318, 199-204.	2.1	6
136	On the gravitomagnetic time delay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 308, 101-109.	2.1	49
137	Influence of a mirror holder on thermal noise in gravitational wave interferometers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 315, 409-417.	2.1	1
138	The low frequency facility Fabryâ€"Perot cavity used as a speed-meter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 316, 1-9.	2.1	6
139	Status of VIRGO. Classical and Quantum Gravity, 2003, 20, S609-S616.	4.0	9
140	Data analysis methods for non-Gaussian, nonstationary and nonlinear features and their application to VIRGO. Classical and Quantum Gravity, 2003, 20, S915-S924.	4.0	7
141	The search for continuous sources in the Virgo experiment. Full-sky incoherent step: ÂlocalÂ and ÂgridÂ tests. Classical and Quantum Gravity, 2003, 20, S655-S664.	4.0	7
142	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. Review of Scientific Instruments, 2002, 73, 2143-2149.	1.3	14
143	Time delay due to spin inside a rotating shell. Classical and Quantum Gravity, 2002, 19, 3875-3881.	4.0	23
144	Status of the low frequency facility experiment. Classical and Quantum Gravity, 2002, 19, 1675-1682.	4.0	3

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145	Time delay due to spin and gravitational lensing. Classical and Quantum Gravity, 2002, 19, 3863-3874.	4.0	27
146	The present status of the VIRGO Central Interferometer*. Classical and Quantum Gravity, 2002, 19, 1421-1428.	4.0	85
147	Single device telemetric algorithm for absolute position measurement using a CCD camera. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 295, 92-100.	2.1	1
148	Monitoring the acoustic emission of the blades of the mirror suspension for a gravitational wave interferometer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 389-397.	2.1	14
149	Measurement of the VIRGO superattenuator performance for seismic noise suppression. Review of Scientific Instruments, 2001, 72, 3643-3652.	1.3	89
150	THE GWDAW-99 WORKSHOP. International Journal of Modern Physics D, 2000, 09, 227-228.	2.1	0
151	The maraging-steel blades of the Virgo super attenuator. Measurement Science and Technology, 2000, 11, 467-476.	2.6	31
152	Elastic and anelastic properties of Marval 18 steel. Journal of Alloys and Compounds, 2000, 310, 400-404.	5.5	4
153	Suspension last stages for the mirrors of the Virgo interferometric gravitational wave antenna. Review of Scientific Instruments, 1999, 70, 3463-3472.	1.3	51
154	Electromagnetic coupling dissipation between mirrors and reaction masses in Virgo. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 252, 11-16.	2.1	4
155	Search for gravitational radiation from Supernova 1993J. Physical Review D, 1997, 56, 6081-6084.	4.7	4
156	The gravitational wave detector NAUTILUS operating at T = 0.1 K. Astroparticle Physics, 1997, 7, 231-243.	4.3	132
157	The ultracryogenic gravitational wave detector NAUTILUS. European Physical Journal D, 1996, 46, 2907-2908.	0.4	0
158	Cosmic-ray-induced cascades on the ultracryogenic antenna NAUTILUS. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 101-103.	0.4	0
159	Upper limit for a gravitational-wave stochastic background with the EXPLORER and NAUTILUS resonant detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 421-424.	4.1	26
160	Test of a back-action evading scheme on a cryogenic gravitational wave antenna. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 215, 141-148.	2.1	7
161	A cosmic-ray veto system for the gravitational wave detector NAUTILUS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 355, 624-631.	1.6	25
162	Signal-to-noise ratio analysis for a back-action-evading measurement on a double harmonic oscillator. Physical Review D, 1994, 50, 3596-3607.	4.7	6

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163	Performances of a super conductive parabridge transducer for liquidhelium temperature applications. Cryogenics, 1994, 34, 443-447.	1.7	1
164	Anelastic properties of resonant transducers for cryogenic gravitational wave antennas. Journal of Alloys and Compounds, 1994, 211-212, 644-648.	5.5	1
165	Anelastic and elastic properties of a synthetic monocrystal of bismuth germanate Bi4Ge3O12 at low temperatures. Journal of Alloys and Compounds, 1994, 211-212, 640-643.	5.5	2
166	Observation of the Brownian motion of a mechanical oscillator by means of a back action evading system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 180, 43-49.	2.1	10
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168	Weber-type gravitational wave antenna with two resonant transducers: A new tool for gravitational wave signal identification. Physical Review D, 1993, 47, 5233-5237.	4.7	4
169	Back-action-evading transducing scheme for cryogenic gravitational wave antennas. Physical Review D, 1993, 48, 448-465.	4.7	27
170	Long-term operation of the Rome "Explorer" cryogenic gravitational wave detector. Physical Review D, 1993, 47, 362-375.	4.7	130
171	Test facility for resonance transducers of cryogenic gravitational wave antennas. Measurement Science and Technology, 1992, 3, 501-507.	2.6	6
172	Noise behaviour of the Explorer gravitational wave antenna during Î» transition to the superfluid phase. Cryogenics, 1992, 32, 668-670.	1.7	8
173	Coincidences among the data recorded by the baksan, kamioka and mont blanc underground neutrino detectors, and by the Maryland and Rome gravitational-wave detectors during Supernova 1987 A. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1991, 14, 171-193.	0.2	23
174	Evaluation and preliminary measurement of the interaction of a dynamical gravitational near field with a cryogenic gravitational wave antenna. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 50, 21-29.	1.5	26
175	Correlation between the Maryland and Rome gravitational-wave detectors and the Mont Blanc, Kamioka and IMB particle detectors during SN 1987 A. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1991, 106, 1257-1269.	0.2	8
176	First Cooling Below 0.1 K of the New Gravitational-Wave Antenna â€œNautilusâ€•of the Rome Group. Europhysics Letters, 1991, 16, 231-235.	2.0	64
177	Sensitivity of the Rome Gravitational Wave Experiment with the Explorer Cryogenic Resonant Antenna Operating at 2 K. Europhysics Letters, 1990, 12, 5-11.	2.0	27
178	Analysis of the data recorded by the Mont Blanc neutrino detector and by the Maryland and Rome gravitational-wave detectors during SN1987A. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1989, 12, 75-103.	0.2	60
179	Coincidences among the Maryland and Rome Gravitational Wave Detector Data and the Mont Blanc and Kamioka Neutrino Detector Data in the Period of SN1987A. Annals of the New York Academy of Sciences, 1989, 571, 561-576.	3.8	9
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181	Monte Carlo simulation of the high energy cosmic muon background in a resonant gravitational wave antenna. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 260, 491-500.	1.6	14
182	Data analysis for a gravitational wave antenna with resonant capacitive transducer. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1986, 9, 51-73.	0.2	7
183	Preliminary results on the operation of a 2270 kg cryogenic gravitational-wave antenna with a resonant capacitive transducer and a d.c. SQUID amplifier. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1986, 9, 829-845.	0.2	33
184	Cryogenic system of the Rome group gravitational wave experiment. Cryogenics, 1985, 25, 234-237.	1.7	9
185	Initial operation at liquid-helium temperature of theM=2270 kg Al 5056 gravitational-wave antenna of the Rome group. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1984, 7, 338-354.	0.2	20
186	A study on the external-noise input in weber-type gravitational-wave antennas. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1981, 4, 93-102.	0.2	10
187	Background of gravitational-wave antennas of possible terrestrial origin-III. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1981, 4, 441-457.	0.2	4
188	Background of gravitational-wave antennas of possible terrestrial originâ€"I. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1981, 4, 295-308.	0.2	7
189	The cryogenic detector of gravitational waves in Frascati. Journal of Physics E: Scientific Instruments, 1981, 14, 1067-1072.	0.7	5
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191	Initial operation of theM=390 kg cryogenic gravitational-wave antenna. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1978, 1, 497-509.	0.2	19
192	An alternative strategy for cooling the mirrors of the gravitational wave interferometers at low temperature. , 0, , .		0