Paola Puppo

List of Publications by Year
in descending order

166 papers	13,968 citations	50276 46 h-index	19749 117 g-index
166 all docs	166 docs citations	166 times ranked	6436 citing authors

#	Article	IF	Citations
1	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
2	Seismic glitchness at Sos Enattos site: impact on intermediate black hole binaries detection efficiency. European Physical Journal Plus, 2021, 136, 1.	2.6	5
3	Towards ponderomotive squeezing with SIPS experiment. Physica Scripta, 2021, 96, 114007.	2.5	3
4	Picoradiant tiltmeter and direct ground tilt measurements at the Sos Enattos site. European Physical Journal Plus, 2021, 136, 1.	2.6	5
5	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
6	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.4	9
7	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
8	Magnetic coupling to the advanced Virgo payloads and its impact on the low frequency sensitivity. Review of Scientific Instruments, 2018, 89, 114501.	1.3	13
9	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq1 1 0.784314 rgBT /Over	4.0	41
10	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.3	9
11	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
12	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	2.4	69
13	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
14	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	1.5	6
15	Advanced Virgo Status. , 2017, , .		0
16	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
17	The Archimedes experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 646-647.	1.6	7
18	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	7.8	269

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19	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103.	7.8	466
20	The Advanced Virgo monolithic fused silica suspension. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 644-645.	1.6	14
21	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
22	Status of advanced ground-based laser interferometers for gravitational-wave detection. Journal of Physics: Conference Series, 2015, 610, 012012.	0.4	11
23	Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012.	4.0	1,029
24	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
25	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
26	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
27	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. Astrophysical Journal, Supplement Series, 2014, 211, 7.	7.7	57
28	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, 131101.	7.8	68
29	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, 231101.	7.8	86
30	Progress and challenges in advanced ground-based gravitational-wave detectors. General Relativity and Gravitation, 2014, 46, 1.	2.0	2
31	Implementation of an $mathcal{F}$-statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. Classical and Quantum Gravity, 2014, 31, 165014.	4.0	34
32	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119.	4.5	125
33	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. Classical and Quantum Gravity, 2014, 31, 115004.	4.0	42
34	Concepts and research for future detectors. General Relativity and Gravitation, 2014, 46, 1.	2.0	2
35	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
36	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	4.0	5

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37	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28.	7.7	62
38	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	4.0	73
39	Status of the commissioning of the Virgo interferometer. , 2012, , .		1
40	Noise monitor tools and their application to Virgo data. Journal of Physics: Conference Series, 2012, 363, 012024.	0.4	2
41	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.	4.5	104
42	The NoEMi (Noise Frequency Event Miner) framework. Journal of Physics: Conference Series, 2012, 363, 012037.	0.4	12
43	Virgo: a laser interferometer to detect gravitational waves. Journal of Instrumentation, 2012, 7, P03012-P03012.	1.2	257
44	Scientific objectives of Einstein Telescope. Classical and Quantum Gravity, 2012, 29, 124013.	4.0	355
45	A THERMAL COMPENSATION SYSTEM FOR THE GRAVITATIONAL WAVE DETECTOR VIRGO. , 2012, , .		2
46	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. International Journal of Modern Physics D, 2011, 20, 2075-2079.	2.1	4
47	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
48	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. Astrophysical Journal Letters, 2011, 734, L35.	8.3	55
49	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. Astrophysical Journal, 2011, 737, 93.	4.5	89
50	Cryogenics and Einstein Telescope. General Relativity and Gravitation, 2011, 43, 657-669.	2.0	4
51	Automatic Alignment system during the second science run of the Virgo interferometer. Astroparticle Physics, 2011, 34, 327-332.	4.3	6
52	Performance of the Virgo interferometer longitudinal control system during the second science run. Astroparticle Physics, 2011, 34, 521-527.	4.3	13
53	A cryogenic payload for the 3rd generation of gravitational wave interferometers. Astroparticle Physics, 2011, 35, 67-75.	4.3	3
54	Sensitivity studies for third-generation gravitational wave observatories. Classical and Quantum Gravity, 2011, 28, 094013.	4.0	644

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55	Calibration and sensitivity of the Virgo detector during its second science run. Classical and Quantum Gravity, 2011, 28, 025005.	4.0	85
56	A state observer for the Virgo inverted pendulum. Review of Scientific Instruments, 2011, 82, 094502.	1.3	8
57	Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. Physical Review Letters, 2011, 107, 271102.	7.8	94
58	Status of the Virgo project. Classical and Quantum Gravity, 2011, 28, 114002.	4.0	171
59	Preliminary results on the cryogenic payload for the 3rd generation g.w. interferometers. Journal of Physics: Conference Series, 2010, 228, 012030.	0.4	0
60	A thermal noise model for a branched system of harmonic oscillators. Journal of Physics: Conference Series, 2010, 228, 012031.	0.4	0
61	Tools for noise characterization in Virgo. Journal of Physics: Conference Series, 2010, 243, 012004.	0.4	0
62	Virgo calibration and reconstruction of the gravitationnal wave strain during VSR1. Journal of Physics: Conference Series, 2010, 228, 012015.	0.4	8
63	Status and perspectives of the Virgo gravitational wave detector. Journal of Physics: Conference Series, 2010, 203, 012074.	0.4	29
64	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.	4.5	60
65	Performances of the Virgo interferometer longitudinal control system. Astroparticle Physics, 2010, 33, 75-80.	4.3	10
66	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	4.3	62
67	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	4.3	11
68	The third generation of gravitational wave observatories and their science reach. Classical and Quantum Gravity, 2010, 27, 084007.	4.0	287
69	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	4.5	155
70	The Einstein Telescope: a third-generation gravitational wave observatory. Classical and Quantum Gravity, 2010, 27, 194002.	4.0	1,211
71	Noise from scattered light in Virgo's second science run data. Classical and Quantum Gravity, 2010, 27, 194011.	4.0	59
72	In-vacuum Faraday isolation remote tuning. Applied Optics, 2010, 49, 4780.	2.1	8

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73	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. Classical and Quantum Gravity, 2010, 27, 173001.	4.0	956
74	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
75	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
76	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></	2.5	8
	a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .		
77	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. Classical and Quantum Gravity, 2009, 26, 204002.	4.0	10
78	Gravitational wave burst search in the Virgo C7 data. Classical and Quantum Gravity, 2009, 26, 085009.	4.0	16
79	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
80	Lock acquisition of the Virgo gravitational wave detector. Astroparticle Physics, 2008, 30, 29-38.	4.3	16
81	In-vacuum optical isolation changes by heating in a Faraday isolator. Applied Optics, 2008, 47, 5853.	2.1	13
82	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
83	First joint gravitational wave search by the AURIGAâ€“EXPLORERâ€“NAUTILUSâ€“Virgo Collaboration. Classical and Quantum Gravity, 2008, 25, 205007.	4.0	13
84	The Virgo 3 km interferometer for gravitational wave detection. Journal of Optics, 2008, 10, 064009.	1.5	31
85	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. Classical and Quantum Gravity, 2008, 25, 114046.	4.0	0
86	Search for gravitational waves associated with GRB 050915a using the Virgo detector. Classical and Quantum Gravity, 2008, 25, 225001.	4.0	28
87	Status of Virgo. Classical and Quantum Gravity, 2008, 25, 114045.	4.0	148
88	Astrophysically triggered searches for gravitational waves: status and prospects. Classical and Quantum Gravity, 2008, 25, 114051.	4.0	26
89	Virgo status. Classical and Quantum Gravity, 2008, 25, 184001.	4.0	116
90	Noise studies during the first Virgo science run and after. Classical and Quantum Gravity, 2008, 25, 184003.	4.0	8

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91	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. IEEE Transactions on Nuclear Science, 2008, 55, 225-232.	2.0	5
92	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. Journal of Physics: Conference Series, 2008, 120, 032007.	0.4	15
93	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. Classical and Quantum Gravity, 2007, 24, S617-S625.	4.0	10
94	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
95	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. Classical and Quantum Gravity, 2007, 24, S491-S499.	4.0	13
96	Analysis of noise lines in the Virgo C7 data. Classical and Quantum Gravity, 2007, 24, S433-S443.	4.0	9
97	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
98	Status of Virgo detector. Classical and Quantum Gravity, 2007, 24, S381-S388.	4.0	56
99	Status of coalescing binaries search activities in Virgo. Classical and Quantum Gravity, 2007, 24, 5767-5775.	4.0	9
100	Measurement of the optical parameters of the Virgo interferometer. Applied Optics, 2007, 46, 3466.	2.1	13
101	The Real-time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. , 2007, , .		1
102	Experimental upper limit on the estimated thermal noise at low frequencies in a gravitational wave detector. Physical Review D, 2007, 76, .	4.7	2
103	The Virgo interferometric gravitational antenna. Optics and Lasers in Engineering, 2007, 45, 478-487.	3.8	7
104	Vibration-free cryostat for low-noise applications of a pulse tube cryocooler. Review of Scientific Instruments, 2006, 77, 095102.	1.3	32
105	Status of Virgo. Journal of Physics: Conference Series, 2006, 39, 32-35.	0.4	3
106	Virgo upgrade investigations. Journal of Physics: Conference Series, 2006, 32, 223-229.	0.4	21
107	A parallel in-time analysis system for Virgo.. Journal of Physics: Conference Series, 2006, 32, 35-43.	0.4	0
108	Environmental noise studies in Virgo. Journal of Physics: Conference Series, 2006, 32, 80-88.	0.4	4

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109	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1985-1995.	4.7	5
110	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
111	Normal/independent noise in VIRGO data. Classical and Quantum Gravity, 2006, 23, S829-S836.	4.0	0
112	The variable finesse locking technique. Classical and Quantum Gravity, 2006, 23, S85-S89.	4.0	22
113	The Virgo automatic alignment system. Classical and Quantum Gravity, 2006, 23, S91-S101.	4.0	16
114	The status of VIRGO. Classical and Quantum Gravity, 2006, 23, S63-S69.	4.0	83
115	Testing Virgo burst detection tools on commissioning run data. Classical and Quantum Gravity, 2006, 23, S197-S205.	4.0	3
116	The Virgo status. Classical and Quantum Gravity, 2006, 23, S635-S642.	4.0	179
117	Experimental evidence for an optical spring. Physical Review A, 2006, 74, .	2.5	19
118	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. Astroparticle Physics, 2005, 23, 557-565.	4.3	79
119	Virgo and the worldwide search for gravitational waves. AIP Conference Proceedings, 2005, , .	0.4	2
120	A simple line detection algorithm applied to Virgo data. Classical and Quantum Gravity, 2005, 22, S1189-S1196.	4.0	6
121	A first study of environmental noise coupling to the Virgo interferometer. Classical and Quantum Gravity, 2005, 22, S1069-S1077.	4.0	4
122	Virgo status and commissioning results. Classical and Quantum Gravity, 2005, 22, S185-S191.	4.0	2
123	Status of Virgo. Classical and Quantum Gravity, 2005, 22, S869-S880.	4.0	54
124	NAP: a tool for noise data analysis. Application to Virgo engineering runs. Classical and Quantum Gravity, 2005, 22, S1041-S1049.	4.0	7
125	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	4.0	5
126	Search for inspiralling binary events in the Virgo Engineering Run data. Classical and Quantum Gravity, 2004, 21, S709-S716.	4.0	13

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127	First results of the low frequency facility experiment. Classical and Quantum Gravity, 2004, 21, S1099-S1106.	4.0	4
128	The VIRGO large mirrors: a challenge for low loss coatings. Classical and Quantum Gravity, 2004, 21, S935-S945.	4.0	30
129	Status of VIRGO. Classical and Quantum Gravity, 2004, 21, S385-S394.	4.0	89
130	Results of the Virgo central interferometer commissioning. Classical and Quantum Gravity, 2004, 21, S395-S402.	4.0	5
131	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. Classical and Quantum Gravity, 2004, 21, S425-S432.	4.0	5
132	Properties of seismic noise at the Virgo site. Classical and Quantum Gravity, 2004, 21, S433-S440.	4.0	25
133	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
134	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
135	First locking of the Virgo central area interferometer with suspension hierarchical control. Astroparticle Physics, 2004, 20, 629-640.	4.3	19
136	The commissioning of the central interferometer of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 21, 1-22.	4.3	22
137	Lock acquisition of the central interferometer of the gravitational wave detector Virgo. Astroparticle Physics, 2004, 21, 465-477.	4.3	4
138	A local control system for the test masses of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 20, 617-628.	4.3	22
139	Status of VIRGO. , 2004, 5500, 58.		2
140	Low-loss coatings for the VIRGO large mirrors. , 2004, , .		14
141	STATUS OF THE VIRGO EXPERIMENT. , 2004, , .		0
142	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
143	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
144	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

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145	Status of VIRGO. Classical and Quantum Gravity, 2003, 20, S609-S616.	4.0	9
146	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
147	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. Review of Scientific Instruments, 2002, 73, 2143-2149.	1.3	14
148	Status of the low frequency facility experiment. Classical and Quantum Gravity, 2002, 19, 1675-1682.	4.0	3
149	The present status of the VIRGO Central Interferometer*. Classical and Quantum Gravity, 2002, 19, 1421-1428.	4.0	85
150	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
151	Measurement of the VIRGO superattenuator performance for seismic noise suppression. Review of Scientific Instruments, 2001, 72, 3643-3652.	1.3	89
152	Prototype of the suspension last stages for the mirrors of the Virgo interferometric gravitational wave antenna. AIP Conference Proceedings, 2000, , .	0.4	1
153	MONITORING AND ADAPTIVE REMOVAL OF THE POWER SUPPLY HARMONICS APPLIED TO THE VIRGO READ-OUT NOISE. International Journal of Modern Physics D, 2000, 09, 263-267.	2.1	5
154	Suspension last stages for the mirrors of the Virgo interferometric gravitational wave antenna. Review of Scientific Instruments, 1999, 70, 3463-3472.	1.3	51
155	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
156	Characterization of mechanical dissipation spectral behavior using a gravitomagnetic pendulum. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 255, 142-146.	2.1	3
157	Experimental study of the dynamic Newtonian field with a cryogenic gravitational wave antenna. European Physical Journal C, 1998, 5, 651-664.	3.9	11
158	Status and noise limit of the VIRGO antenna. , 1998, , .		1
159	The VIRGO interferometer for gravitational wave detection. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 167-175.	0.4	50
160	Experimental study of a Back Action Evading device for continuos measurements on a macroscopic harmonic oscillator at the quantum limit level. Applied Physics B: Lasers and Optics, 1997, 64, 145-151.	2.2	1
161	Status of the VIRGO experiment. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 107-109.	0.4	7
162	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

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163	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
164	Performances of a super conductive parabridge transducer for liquidhelium temperature applications. Cryogenics, 1994, 34, 443-447.	1.7	1
165	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
166	An alternative strategy for cooling the mirrors of the gravitational wave interferometers at low temperature. , 0, , .		0