

# Piero Rapagnani

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3288784/piero-rapagnani-publications-by-citations.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

282 papers	39,902 citations	72 h-index	199 g-index
306 ext. papers	47,480 ext. citations	4.6 avg, IF	4.74 L-index

#	Paper	IF	Citations
282	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , <b>2016</b> , 116, 061102	7.4	6108
281	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , <b>2017</b> , 119, 161101	7.4	4272
280	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241103	7.4	2136
279	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 848, L12	7.9	1935
278	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 848, L13	7.9	1614
277	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , <b>2017</b> , 118, 221101	7.4	1609
276	Advanced Virgo: a second-generation interferometric gravitational wave detector. <i>Classical and Quantum Gravity</i> , <b>2015</b> , 32, 024001	3.3	1567
275	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , <b>2017</b> , 119, 141101	7.4	1270
274	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , <b>2010</b> , 27, 173001	3.3	869
273	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , <b>2018</b> , 121, 161101	7.4	867
272	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , <b>2016</b> , 116, 221101	7.4	837
271	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 851, L35	7.9	809
270	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , <b>2015</b> , 32, 115012	3.3	790
269	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , <b>2016</b> , 6,	9.1	723
268	The Einstein Telescope: a third-generation gravitational wave observatory. <i>Classical and Quantum Gravity</i> , <b>2010</b> , 27, 194002	3.3	675
267	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2018</b> , 21, 3	32.5	543
266	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241102	7.4	515

265	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 818, L22	7.9	512
264	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , <b>2019</b> , 9,	9.1	423
263	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , <b>2017</b> , 551, 85-88	50.4	413
262	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , <b>2016</b> , 19, 1	32.5	393
261	Sensitivity studies for third-generation gravitational wave observatories. <i>Classical and Quantum Gravity</i> , <b>2011</b> , 28, 094013	3.3	382
260	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , <b>2016</b> , 116, 131103	7.4	328
259	An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , <b>2009</b> , 460, 990-4	50.4	267
258	Scientific objectives of Einstein Telescope. <i>Classical and Quantum Gravity</i> , <b>2012</b> , 29, 124013	3.3	256
257	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	253
256	The third generation of gravitational wave observatories and their science reach. <i>Classical and Quantum Gravity</i> , <b>2010</b> , 27, 084007	3.3	214
255	Virgo: a laser interferometer to detect gravitational waves. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P03012-P03012	12	
254	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 833, L1	7.9	209
253	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , <b>2016</b> , 116, 131102	7.4	188
252	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 826, L13	7.9	183
251	Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	172
250	The Virgo status. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S635-S642	3.3	166
249	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , <b>2016</b> , 33,	3.3	155
248	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2020</b> , 23, 3	32.5	144

247	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , <b>2010</b> , 713, 671-685	4.7	140
246	Status of the Virgo project. <i>Classical and Quantum Gravity</i> , <b>2011</b> , 28, 114002	3.3	140
245	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , <b>2017</b> , 118, 121101	7.4	137
244	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 851, L16	7.9	133
243	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STARBLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 832, L21	7.9	130
242	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 850, L39	7.9	127
241	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	122
240	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , <b>2018</b> , 120, 091101	7.4	120
239	Long-term operation of the Rome "Explorer" cryogenic gravitational wave detector. <i>Physical Review D</i> , <b>1993</b> , 47, 362-375	4.9	116
238	Status of Virgo. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 114045	3.3	115
237	The gravitational wave detector NAUTILUS operating at T = 0.1 K. <i>Astroparticle Physics</i> , <b>1997</b> , 7, 231-243	2.4	111
236	Virgo status. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 184001	3.3	110
235	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 119	4.7	109
234	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , <b>2017</b> , 839, 12	4.7	107
233	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 850, L35	7.9	104
232	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	100
231	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	96
230	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	94

229	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 12	4.7	94
228	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009–2010. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	91
227	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , <b>2016</b> , 6,	9.1	89
226	Status of VIRGO. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S385-S394	3.3	87
225	Directional limits on persistent gravitational waves using LIGO S5 science data. <i>Physical Review Letters</i> , <b>2011</b> , 107, 271102	7.4	85
224	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	84
223	Calibration and sensitivity of the Virgo detector during its second science run. <i>Classical and Quantum Gravity</i> , <b>2011</b> , 28, 025005	3.3	83
222	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	81
221	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	80
220	Measurement of the VIRGO superattenuator performance for seismic noise suppression. <i>Review of Scientific Instruments</i> , <b>2001</b> , 72, 3643-3652	1.7	80
219	The present status of the VIRGO Central Interferometer*. <i>Classical and Quantum Gravity</i> , <b>2002</b> , 19, 1421–1428	3.5	80
218	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , <b>2010</b> , 715, 1453–1461	4.7	79
217	The status of VIRGO. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S63-S69	3.3	79
216	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 871, L13	7.9	77
215	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	77
214	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	76
213	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , <b>2011</b> , 737, 93	4.7	75
212	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , <b>2017</b> , 34, 104002	3.3	74

211	Improved upper limits on the stochastic gravitational-wave background from 2009-2010 LIGO and Virgo data. <i>Physical Review Letters</i> , <b>2014</b> , 113, 231101	7.4	74
210	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 539, A124	5.1	71
209	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 541, A155	5.1	69
208	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. <i>Astroparticle Physics</i> , <b>2005</b> , 23, 557-565	2.4	69
207	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , <b>2017</b> , 118, 121102	7.4	65
206	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	64
205	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> , <b>2018</b> , 35, 065010	3.3	62
204	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	61
203	Development and test at T=4.2K of a capacitive resonant transducer for cryogenic gravitational-wave antennas <b>1982</b> , 5, 385-408		61
202	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	60
201	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , <b>2018</b> , 120, 201102	7.4	60
200	Constraints on cosmic strings from the LIGO-Virgo gravitational-wave detectors. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131101	7.4	59
199	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , <b>2012</b> , 29, 155002	3.3	59
198	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 39	4.7	58
197	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	57
196	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 203, 28	8	57
195	Analysis of the data recorded by the Mont Blanc neutrino detector and by the Maryland and Rome gravitational-wave detectors during SN1987A <b>1989</b> , 12, 75-103		57
194	First Cooling Below 0.1 K of the New Gravitational-Wave Antenna Nautilus of the Rome Group. <i>Europhysics Letters</i> , <b>1991</b> , 16, 231-235	1.6	56

193	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	54
192	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	54
191	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	54
190	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	54
189	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. <i>Astrophysical Journal</i> , <b>2010</b> , 715, 1438-1452	4.7	54
188	Measurements of Superattenuator seismic isolation by Virgo interferometer. <i>Astroparticle Physics</i> , <b>2010</b> , 33, 182-189	2.4	54
187	Status of Virgo. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S869-S880	3.3	52
186	SUPPLEMENT: THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914(2016, ApJL, 833, L1). <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 227, 14	8	52
185	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2014</b> , 211, 7	8	51
184	Status of Virgo detector. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S381-S388	3.3	51
183	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , <b>2018</b> , 120, 031104	7.4	50
182	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 850, L40	7.9	50
181	Data Recorded by the Rome Room Temperature Gravitational Wave Antenna, during the Supernova SN 1987 a in the Large Magellanic Cloud. <i>Europhysics Letters</i> , <b>1987</b> , 3, 1325-1330	1.6	49
180	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , <b>2018</b> , 121, 231103	7.4	49
179	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> , <b>2017</b> , 95,	4.9	47
178	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 734, L35	7.9	47
177	The VIRGO interferometer for gravitational wave detection. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1997</b> , 54, 167-175		47
176	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	46



175	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 218	4.7	46
174	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600209	2.6	45
173	Suspension last stages for the mirrors of the Virgo interferometric gravitational wave antenna. <i>Review of Scientific Instruments</i> , <b>1999</b> , 70, 3463-3472	1.7	45
172	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	43
171	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> , <b>2017</b> , 841, 89	4.7	42
170	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	40
169	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	39
168	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	38
167	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 225, 8	8	38
166	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	37
165	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , <b>2017</b> , 847, 47	4.7	35
164	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ during the observing run O2. <i>Classical and Quantum Gravity</i> , <b>2018</b> , 35, 205004	3.3	35
163	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , <b>2014</b> , 31, 115004	3.3	34
162	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	32
161	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	32
160	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	32
159	Preliminary results on the operation of a 2270 kg cryogenic gravitational-wave antenna with a resonant capacitive transducer and a d.c. SQUID amplifier <b>1986</b> , 9, 829-845		32
158	Noise from scattered light in Virgo's second science run data. <i>Classical and Quantum Gravity</i> , <b>2010</b> , 27, 194011	3.3	31



157	Search for gravitational waves associated with $\gamma$ -ray bursts detected by the interplanetary network. <i>Physical Review Letters</i> , <b>2014</b> , 113, 011102	7.4	30
156	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	30
155	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	29
154	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 008-008	6.4	29
153	The Virgo 3 km interferometer for gravitational wave detection. <i>Journal of Optics</i> , <b>2008</b> , 10, 064009		29
152	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	29
151	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	28
150	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	27
149	Implementation of an $\mathcal{F}$ -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , <b>2014</b> , 31, 165014	3.3	27
148	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	26
147	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005–2010. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	26
146	The maraging-steel blades of the Virgo super attenuator. <i>Measurement Science and Technology</i> , <b>2000</b> , 11, 467-476	2	26
145	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	25
144	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	25
143	The AMS-02 TRD for the international space station. <i>IEEE Transactions on Nuclear Science</i> , <b>2004</b> , 51, 1365–1372	1.3	25
142	Back-action-evading transducing scheme for cryogenic gravitational wave antennas. <i>Physical Review D</i> , <b>1993</b> , 48, 448-465	4.9	25
141	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 114051	3.3	24
140	Sensitivity of the Rome Gravitational Wave Experiment with the Explorer Cryogenic Resonant Antenna Operating at 2 K. <i>Europhysics Letters</i> , <b>1990</b> , 12, 5-11	1.6	24

139	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> , <b>2019</b> , 870, 134	4.7	23
138	Search for gravitational waves associated with GRB 050915a using the Virgo detector. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 225001	3.3	23
137	Vibration-free cryostat for low-noise applications of a pulse tube cryocooler. <i>Review of Scientific Instruments</i> , <b>2006</b> , 77, 095102	1.7	23
136	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> , <b>2019</b> , 871, 90	4.7	22
135	Status and perspectives of the Virgo gravitational wave detector. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 203, 012074	0.3	22
134	Upper limit for a gravitational-wave stochastic background with the EXPLORER and NAUTILUS resonant detectors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 385, 421-424	4.2	22
133	Lagrangian formalism for resonant capacitive transducers for gravitational-wave antennas <b>1984</b> , 7, 21-34		22
132	Constraining the p-Mode-g-Mode Tidal Instability with GW170817. <i>Physical Review Letters</i> , <b>2019</b> , 122, 061104	7.4	22
131	The VIRGO large mirrors: a challenge for low loss coatings. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S935-S945	3.9	21
130	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 <b>1991</b> , 14, 171-193		21
129	Upper limit for nuclearite flux from the Rome gravitational wave resonant detectors. <i>Physical Review D</i> , <b>1993</b> , 47, 4770-4773	4.9	20
128	Evaluation and preliminary measurement of the interaction of a dynamical gravitational near field with a cryogenic gravitational wave antenna. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 50, 21-29		20
127	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , <b>2011</b> , 30, 63-79	1.5	19
126	The variable finesse locking technique. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S85-S89	3.3	19
125	Virgo upgrade investigations. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 32, 223-229	0.3	19
124	Properties of seismic noise at the Virgo site. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S433-S440	3.3	19
123	Initial operation at liquid-helium temperature of the M=2270 kg Al 5056 gravitational-wave antenna of the Rome group <b>1984</b> , 7, 338-354		19
122	The Advanced Virgo detector. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 610, 012014	0.3	18

121	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , <b>2014</b> , 31, 085014	3.3	18
120	The commissioning of the central interferometer of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , <b>2004</b> , 21, 1-22	2.4	18
119	Experimental evidence for an optical spring. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	17
118	Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S671-S679	3.3	16
117	A local control system for the test masses of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , <b>2004</b> , 20, 617-628	2.4	16
116	Gravitational wave burst search in the Virgo C7 data. <i>Classical and Quantum Gravity</i> , <b>2009</b> , 26, 085009	3.3	15
115	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 120, 032007	0.3	15
114	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	14
113	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	14
112	Lock acquisition of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , <b>2008</b> , 30, 29-38	2.4	13
111	The Virgo automatic alignment system. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S91-S101	3.3	13
110	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S491-S499	3.3	13
109	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. <i>Review of Scientific Instruments</i> , <b>2002</b> , 73, 2143-2149	1.7	13
108	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , <b>2018</b> , 35, 065009	3.3	12
107	Measurement of the optical parameters of the Virgo interferometer. <i>Applied Optics</i> , <b>2007</b> , 46, 3466-84	1.7	12
106	First locking of the Virgo central area interferometer with suspension hierarchical control. <i>Astroparticle Physics</i> , <b>2004</b> , 20, 629-640	2.4	12
105	Monitoring the acoustic emission of the blades of the mirror suspension for a gravitational wave interferometer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2002</b> , 301, 389-397	2.3	12
104	First joint gravitational wave search by the AURIGAEXPLORERNAUTILUSVirgo Collaboration. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 205007	3.3	11

103	Search for inspiralling binary events in the Virgo Engineering Run data. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S709-S716	3.3	11
102	Low-loss coatings for the VIRGO large mirrors <b>2004</b> ,		11
101	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	10
100	Performance of the Virgo interferometer longitudinal control system during the second science run. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 521-527	2.4	10
99	The NoEMi (Noise Frequency Event Miner) framework. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 363, 012037	0.3	10
98	Automatic Alignment for the first science run of the Virgo interferometer. <i>Astroparticle Physics</i> , <b>2010</b> , 33, 131-139	2.4	10
97	In-vacuum optical isolation changes by heating in a Faraday isolator. <i>Applied Optics</i> , <b>2008</b> , 47, 5853-61	0.2	10
96	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S617-S625	3.3	10
95	The Virgo Detector. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	10
94	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. <i>Classical and Quantum Gravity</i> , <b>2013</b> , 30, 055017	3.3	9
93	Experimental study of the dynamic Newtonian field with a cryogenic gravitational wave antenna. <i>European Physical Journal C</i> , <b>1998</b> , 5, 651-664	4.2	9
92	Observation of the Brownian motion of a mechanical oscillator by means of a back action evading system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1993</b> , 180, 43-49	2.3	9
91	Coincidences among the Maryland and Rome Gravitational Wave Detector Data and the Mont Blanc and Kamioka Neutrino Detector Data in the Period of SN1987A. <i>Annals of the New York Academy of Sciences</i> , <b>1989</b> , 571, 561-576	6.5	9
90	Cryogenic system of the Rome group gravitational wave experiment. <i>Cryogenics</i> , <b>1985</b> , 25, 234-237	1.8	9
89	Magnetic coupling to the advanced Virgo payloads and its impact on the low frequency sensitivity. <i>Review of Scientific Instruments</i> , <b>2018</b> , 89, 114501	1.7	9
88	Advanced Virgo Status. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1342, 012010	0.3	8
87	The Advanced Virgo monolithic fused silica suspension. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 644-645 <sup>1.2</sup>		8
86	Reconstruction of the gravitational wave signal $h(t)$ during the Virgo science runs and independent validation with a photon calibrator. <i>Classical and Quantum Gravity</i> , <b>2014</b> , 31, 165013	3.3	8

85	In-vacuum Faraday isolation remote tuning. <i>Applied Optics</i> , <b>2010</b> , 49, 4780-90	0.2	8
84	Performances of the Virgo interferometer longitudinal control system. <i>Astroparticle Physics</i> , <b>2010</b> , 33, 75-80	2.4	8
83	Analysis of noise lines in the Virgo C7 data. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S433-S443	3.3	8
82	Status of coalescing binaries search activities in Virgo. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, 5767-5775	3.3	8
81	Status of VIRGO. <i>Classical and Quantum Gravity</i> , <b>2003</b> , 20, S609-S616	3.3	8
80	Virgo calibration and reconstruction of the gravitational wave strain during VSR1. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 228, 012015	0.3	7
79	The Virgo interferometric gravitational antenna. <i>Optics and Lasers in Engineering</i> , <b>2007</b> , 45, 478-487	4.6	7
78	Data analysis methods for non-Gaussian, nonstationary and nonlinear features and their application to VIRGO. <i>Classical and Quantum Gravity</i> , <b>2003</b> , 20, S915-S924	3.3	7
77	Status of the VIRGO experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1996</b> , 48, 107-109		7
76	Test of a back-action evading scheme on a cryogenic gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1996</b> , 215, 141-148	2.3	7
75	Correlation between the Maryland and Rome gravitational-wave detectors and the Mont Blanc, Kamioka and IMB particle detectors during SN 1987 A. <i>Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods</i> , <b>1991</b> , 106, 1257-1269		7
74	Noise behaviour of the Explorer gravitational wave antenna during transition to the superfluid phase. <i>Cryogenics</i> , <b>1992</b> , 32, 668-670	1.8	7
73	Data analysis for a gravitational wave antenna with resonant capacitive transducer		7
72	Background of gravitational-wave antennas of possible terrestrial origin		7
71	Laser with an in-loop relative frequency stability of $1.0 \times 10^{-11}$ on a 100-ms time scale for gravitational-wave detection. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	6
70	A state observer for the Virgo inverted pendulum. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 094502	1.7	6
69	Noise studies during the first Virgo science run and after. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 184003	3.3	6
68	The status of coalescing binaries search code in Virgo, and the analysis of C5 data. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S187-S196	3.3	6

67	Signal-to-noise ratio analysis for a back-action-evading measurement on a double harmonic oscillator. <i>Physical Review D</i> , <b>1994</b> , 50, 3596-3607	4.9	6
66	Progress in a Vacuum Weight Search Experiment <b>2020</b> , 2, 1-13	2.1	5
65	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , <b>2017</b> , 32, 1744003	1.2	5
64	Automatic Alignment system during the second science run of the Virgo interferometer. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 327-332	2.4	5
63	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. <i>Classical and Quantum Gravity</i> , <b>2009</b> , 26, 204002	3.3	5
62	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S425-S432	3.3	5
61	The low frequency facility Fabry-Pérot cavity used as a speed-meter. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 316, 1-9	2.3	5
60	A simple line detection algorithm applied to Virgo data. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S1189-S1196	3.3	5
59	NAP: a tool for noise data analysis. Application to Virgo engineering runs. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S1041-S1049	3.3	5
58	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S1139-S1148	3.3	5
57	Test facility for resonance transducers of cryogenic gravitational wave antennas. <i>Measurement Science and Technology</i> , <b>1992</b> , 3, 501-507	2	5
56	The Archimedes experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 824, 646-647	1.2	5
55	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. <i>International Journal of Modern Physics D</i> , <b>2011</b> , 20, 2075-2079	2.2	4
54	Characterization of the Virgo seismic environment. <i>Classical and Quantum Gravity</i> , <b>2012</b> , 29, 025005	3.3	4
53	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 302-310	1.7	4
52	Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S415-S422	3.3	4
51	First results of the low frequency facility experiment. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S1099-S1106	3.5	4
50	Results of the Virgo central interferometer commissioning. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S395-S402	3.5	4



49	Sensitivity of the Low Frequency Facility experiment around 10 Hz. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 322, 1-9	2.3	4
48	Status report of the low frequency facility experiment, Virgo R&D. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 318, 199-204	2.3	4
47	A first study of environmental noise coupling to the Virgo interferometer. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S1069-S1077	3.3	4
46	Electromagnetic coupling dissipation between mirrors and reaction masses in Virgo. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1999</b> , 252, 11-16	2.3	4
45	Weber-type gravitational wave antenna with two resonant transducers: A new tool for gravitational wave signal identification. <i>Physical Review D</i> , <b>1993</b> , 47, 5233-5237	4.9	4
44	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , <b>2018</b> , 182, 02003	0.3	4
43	Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D 81, 102001 (2010)]. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	3
42	Search for gravitational radiation from Supernova 1993J. <i>Physical Review D</i> , <b>1997</b> , 56, 6081-6084	4.9	3
41	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. <i>IEEE Transactions on Nuclear Science</i> , <b>2008</b> , 55, 225-232	1.7	3
40	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2006</b> , 55, 1985-1995	5.2	3
39	Testing Virgo burst detection tools on commissioning run data. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S197-S205	3.3	3
38	Considerations on collected data with the Low Frequency Facility experiment. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 32, 346-352	0.3	3
37	Environmental noise studies in Virgo. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 32, 80-88	0.3	3
36	Lock acquisition of the central interferometer of the gravitational wave detector Virgo. <i>Astroparticle Physics</i> , <b>2004</b> , 21, 465-477	2.4	3
35	Status of the low frequency facility experiment. <i>Classical and Quantum Gravity</i> , <b>2002</b> , 19, 1675-1682	3.3	3
34	Characterization of mechanical dissipation spectral behavior using a gravitomagnetic pendulum. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1999</b> , 255, 142-146	2.3	3
33	Concepts and research for future detectors. <i>General Relativity and Gravitation</i> , <b>2014</b> , 46, 1	2.3	2
32	Casimir energy for two and three superconducting coupled cavities: Numerical calculations. <i>European Physical Journal Plus</i> , <b>2017</b> , 132, 1	3.1	2



31	Publisher's Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D 82, 102001 (2010)]. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	2
30	A cryogenic payload for the 3rd generation of gravitational wave interferometers. <i>Astroparticle Physics</i> , <b>2011</b> , 35, 67-75	2.4	2
29	Status of Virgo. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 39, 32-35	0.3	2
28	Status of VIRGO <b>2004</b> , 5500, 58		2
27	Virgo and the worldwide search for gravitational waves. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	2
26	Virgo status and commissioning results. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S185-S191	3.3	2
25	Elastic and anelastic properties of Marval 18 steel. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 310, 400-404	5.7	2
24	Mechanical-transfer function and Brownian-noise measurements at T=4.2 K of a small (M=20.3 kg) gravitational-wave antenna using double four-point mechanical suspensions <b>1981</b> , 4, 408-416		2
23	Picoradiant tiltmeter and direct ground tilt measurements at the Sos Enattos site. <i>European Physical Journal Plus</i> , <b>2021</b> , 136, 1	3.1	2
22	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA <b>2018</b> , 21, 1		2
21	Seismic glitchness at Sos Enattos site: impact on intermediate black hole binaries detection efficiency. <i>European Physical Journal Plus</i> , <b>2021</b> , 136, 1	3.1	2
20	<b>2009</b> ,		1
19	Experimental study of a Back Action Evading device for continuous measurements on a macroscopic harmonic oscillator at the quantum limit level. <i>Applied Physics B: Lasers and Optics</i> , <b>1997</b> , 64, 145-151	1.9	1
18	The status of virgo. <i>Journal of Physics: Conference Series</i> , <b>2008</b> , 110, 062025	0.3	1
17	Experimental upper limit on the estimated thermal noise at low frequencies in a gravitational wave detector. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	1
16	A first test of a sine-Hough method for the detection of pulsars in binary systems using the E4 Virgo engineering run data. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S717-S727	3.3	1
15	Influence of a mirror holder on thermal noise in gravitational wave interferometers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 315, 409-417	2.3	1
14	Performances of a super conductive parabridge transducer for liquidhelium temperature applications. <i>Cryogenics</i> , <b>1994</b> , 34, 443-447	1.8	1

13	Anelastic properties of resonant transducers for cryogenic gravitational wave antennas. <i>Journal of Alloys and Compounds</i> , <b>1994</b> , 211-212, 644-648	5.7	1
12	Towards ponderomotive squeezing with SIPS experiment. <i>Physica Scripta</i> , <b>2021</b> , 96, 114007	2.6	1
11			
10	Anelastic and elastic properties of a synthetic monocrystal of bismuth germanate Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> at low temperatures. <i>Journal of Alloys and Compounds</i> , <b>1994</b> , 211-212, 640-643	5.7	0
9	Gravitational wave detectors on the earth. <i>Classical and Quantum Gravity</i> , <b>2010</b> , 27, 194001	3.3	
8	Preliminary results on the cryogenic payload for the 3rd generation g.w. interferometers. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 228, 012030	0.3	
7	Tools for noise characterization in Virgo. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 243, 012004	0.3	
6	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 114046	3.3	
5	Normal/independent noise in VIRGO data. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S829-S836	3.3	
4	A parallel in-time analysis system for Virgo.. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 32, 35-43	0.3	
3	The ultracryogenic gravitational wave detector NAUTILUS. <i>European Physical Journal D</i> , <b>1996</b> , 46, 2907-2908		
2	Cosmic-ray-induced cascades on the ultracryogenic antenna NAUTILUS. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1996</b> , 48, 101-103		
1	An Introduction to the Virgo Suspension System. <i>Astrophysics and Space Science Library</i> , <b>2014</b> , 193-223	0.3	