

# Chris J Messenger

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1191427/chris-j-messenger-publications-by-year.pdf>

**Version:** 2024-04-26

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.

137  
papers

15,143  
citations

58  
h-index

122  
g-index

145  
ext. papers

17,964  
ext. citations

6.3  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
137	Bayesian parameter estimation using conditional variational autoencoders for gravitational-wave astronomy. <i>Nature Physics</i> , <b>2022</b> , 18, 112-117	16.2	7
136	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
135	Nested sampling with normalizing flows for gravitational-wave inference. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	5
134	Generalised gravitational wave burst generation with generative adversarial networks. <i>Classical and Quantum Gravity</i> , <b>2021</b> , 38, 155005	3.3	0
133	Enhancing the sensitivity of transient gravitational wave searches with Gaussian mixture models. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	2
132	Robust machine learning algorithm to search for continuous gravitational waves. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	6
131	Are stellar-mass binary black hole mergers isotropically distributed?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 501, 970-977	4.3	3
130	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
129	Cosmological inference using gravitational wave standard sirens: A mock data analysis. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	36
128	Detection and classification of supernova gravitational wave signals: A deep learning approach. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	13
127	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 882, L24	7.9	381
126	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
125	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , <b>2019</b> , 36, 143001	3.3	248
124	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
123	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
122	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 122	4.7	45
121	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 160	4.7	60

120	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 876, L7	7.9	91
119	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 161	4.7	49
118	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 163	4.7	17
117	Deep-learning continuous gravitational waves. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	42
116	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015-2017 LIGO Data. <i>Astrophysical Journal</i> , <b>2019</b> , 879, 10	4.7	63
115	Generalized application of the Viterbi algorithm to searches for continuous gravitational-wave signals. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	9
114	Strategies for the Follow-up of Gravitational Wave Transients at Very High-Energy Gamma Rays with the Cherenkov Telescope Array. <i>Nuclear and Particle Physics Proceedings</i> , <b>2019</b> , 306-308, 69-73	0.4	
113	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 149	4.7	36
112	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , <b>2019</b> , 123, 1611102	7.4	68
111	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , <b>2019</b> , 886, 75	4.7	21
110	Matching Matched Filtering with Deep Networks for Gravitational-Wave Astronomy. <i>Physical Review Letters</i> , <b>2018</b> , 120, 1411103	7.4	83
109	The very faint X-ray binary IGR J17062-6143: a truncated disc, no pulsations, and a possible outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 2027-2044	4.3	21
108	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
107	Accretion-induced spin-wandering effects on the neutron star in Scorpius X-1: Implications for continuous gravitational wave searches. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
106	Strategies for the follow-up of gravitational wave transients with the Cherenkov Telescope Array. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 639-647	4.3	8
105	A Deep Pulse Search in 11 Low Mass X-Ray Binaries. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 112	4.7	3
104	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA <b>2018</b> , 21, 1		2
103	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , <b>2018</b> , 121, 2311103	7.4	49

102	Binary neutron star mergers and third generation detectors: Localization and early warning. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	31
101	GLADE: A galaxy catalogue for multimessenger searches in the advanced gravitational-wave detector era. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 2374-2381	4.3	81
100	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , <b>2018</b> , 121, 161101	7.4	867
99	Hierarchical Bayesian method for detecting continuous gravitational waves from an ensemble of pulsars. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	9
98	Host galaxy identification for binary black hole mergers with long baseline gravitational wave detectors. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 4385-4395	4.3	5
97	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
96	MAXIMIZING THE DETECTION PROBABILITY OF KILONOVAE ASSOCIATED WITH GRAVITATIONAL WAVE OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2017</b> , 834, 84	4.7	17
95	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600209	2.6	45
94	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
93	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
92	Cosmological inference using only gravitational wave observations of binary neutron stars. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	38
91	Probing Intrinsic Properties of Short Gamma-Ray Bursts with Gravitational Waves. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181102	7.4	7
90	Systematic errors in estimation of gravitational-wave candidate significance. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	15
89	Astrophysical calibration of gravitational-wave detectors. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	7
88	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
87	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , <b>2016</b> , 116, 131103	7.4	328
86	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
85	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241102	7.4	515

84	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
83	Method to detect gravitational waves from an ensemble of known pulsars. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
82	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 818, L22	7.9	512
81	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
80	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
79	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
78	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , <b>2015</b> , 32, 115012	3.3	790
77	A SEMI-COHERENT SEARCH FOR WEAK PULSATIONS IN AQUILA X $\mu$ . <i>Astrophysical Journal</i> , <b>2015</b> , 806, 261	4.7	10
76	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 39	4.7	58
75	Gravitational waves from Scorpius X-1: A comparison of search methods and prospects for detection with advanced detectors. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	36
74	The radiative efficiency of a radiatively inefficient accretion flow. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2803-2817	4.3	36
73	Upper limit to the transverse to longitudinal motion coupling of a waveguide mirror. <i>Classical and Quantum Gravity</i> , <b>2015</b> , 32, 175005	3.3	
72	Data analysis methods for testing alternative theories of gravity with LISA Pathfinder. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	1
71	Implementation of an $F$ -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
70	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 119	4.7	109
69	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
68	C7 multi-messenger astronomy of GW sources. <i>General Relativity and Gravitation</i> , <b>2014</b> , 46, 1	2.3	
67	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2014</b> , 211, 7	8	51

66	Constraints on cosmic strings from the LIGO-Virgo gravitational-wave detectors. <i>Physical Review Letters</i> , <b>2014</b> , 112, 131101	7.4	59
65	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
64	Source Redshifts from Gravitational-Wave Observations of Binary Neutron Star Mergers. <i>Physical Review X</i> , <b>2014</b> , 4,	9.1	33
63	Implementation of the frequency-modulated sideband search method for gravitational waves from low mass x-ray binaries. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	23
62	A BAYESIAN APPROACH TO MULTI-MESSENGER ASTRONOMY: IDENTIFICATION OF GRAVITATIONAL-WAVE HOST GALAXIES. <i>Astrophysical Journal</i> , <b>2014</b> , 795, 43	4.7	38
61	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , <b>2013</b> , 7, 613-619	33.9	572
60	Avoiding selection bias in gravitational wave astronomy. <i>New Journal of Physics</i> , <b>2013</b> , 15, 053027	2.9	18
59	THEEINSTEIN@HOMESearch FOR RADIO PULSARS AND PSR J2007+2722 DISCOVERY. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 91	4.7	46
58	IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 2	4.7	53
57	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
56	Measuring a cosmological distance-redshift relationship using only gravitational wave observations of binary neutron star coalescences. <i>Physical Review Letters</i> , <b>2012</b> , 108, 091101	7.4	129
55	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
54	ARECIBO PALFA SURVEY AND EINSTEIN@HOME: BINARY PULSAR DISCOVERY BY VOLUNTEER COMPUTING. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 732, L1	7.9	22
53	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 734, L35	7.9	47
52	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
51	A Bayesian parameter estimation approach to pulsar time-of-arrival analysis. <i>Classical and Quantum Gravity</i> , <b>2011</b> , 28, 055001	3.3	5
50	Semicoherent search strategy for known continuous wave sources in binary systems. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	16
49	Search method for long-duration gravitational-wave transients from neutron stars. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	35

48	Directional limits on persistent gravitational waves using LIGO S5 science data. <i>Physical Review Letters</i> , <b>2011</b> , 107, 271102	7.4	85
47	A gravitational wave observatory operating beyond the quantum shot-noise limit. <i>Nature Physics</i> , <b>2011</b> , 7, 962-965	16.2	554
46	The long-term evolution of the accreting millisecond X-ray pulsar Swift J1756.9-2508. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 403, 1426-1432	4.3	40
45	Pulsar discovery by global volunteer computing. <i>Science</i> , <b>2010</b> , 329, 1305	33.3	40
44	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
43	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
42	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
41	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
40	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , <b>2010</b> , 722, 1504-1513	4.7	95
39	All-sky LIGO search for periodic gravitational waves in the early fifth-science-run data. <i>Physical Review Letters</i> , <b>2009</b> , 102, 111102	7.4	77
38	An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , <b>2009</b> , 460, 990-4	50.4	267
37	Random template banks and relaxed lattice coverings. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	46
36	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , <b>2009</b> , 701, L68-L74	4.7	40
35	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 114051	3.3	24
34	Searching for gravitational waves from Cassiopeia A with LIGO. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 235011	3.3	64
33	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 245008	3.3	19
32	Report on the second Mock LISA data challenge. <i>Classical and Quantum Gravity</i> , <b>2008</b> , 25, 114037	3.3	34
31	Search for gravitational-wave bursts from soft gamma repeaters. <i>Physical Review Letters</i> , <b>2008</b> , 101, 211102	7.4	64

30	Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , <b>2008</b> , 681, 1419-1430	4-7	126
29	A fast search strategy for gravitational waves from low-mass x-ray binaries. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S469-S480	3-3	23
28	Inference on inspiral signals using LISA MLDC data. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S521-S527	3-3	11
27	Inference on white dwarf binary systems using the first round Mock LISA Data Challenges data sets. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S541-S549	3-3	12
26	Report on the first round of the Mock LISA Data Challenges. <i>Classical and Quantum Gravity</i> , <b>2007</b> , 24, S529-S539	3-3	29
25	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. <i>Astrophysical Journal</i> , <b>2007</b> , 659, 918-930	4-7	107
24	The GEO-HF project. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S207-S214	3-3	121
23	Status of the GEO600 detector. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S71-S78	3-3	120
22	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, S29-S39	3-3	36
21	Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	68
20	Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , <b>2006</b> , 73,	4-9	38
19	Search for gravitational waves from galactic and extra-galactic binary neutron stars. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	88
18	Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	44
17	First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	69
16	The status of GEO 600. <i>Classical and Quantum Gravity</i> , <b>2005</b> , 22, S193-S198	3-3	20
15	Limits on gravitational-wave emission from selected pulsars using LIGO data. <i>Physical Review Letters</i> , <b>2005</b> , 94, 181103	7-4	109
14	Upper limits on a stochastic background of gravitational waves. <i>Physical Review Letters</i> , <b>2005</b> , 95, 221101	7-4	69
13	Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , <b>2005</b> , 72,	4-9	49

12	Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	66
11	Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	70
10	Status of GEO 600. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S417-S423	3.3	81
9	Upper limits on the strength of periodic gravitational waves from PSR J1939+2134. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S671-S676	3.3	4
8	Searching for gravitational waves from low mass x-ray binaries. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S729-S734	3.3	0
7	Commissioning, characterization and operation of the dual-recycled GEO 600. <i>Classical and Quantum Gravity</i> , <b>2004</b> , 21, S1737-S1745	3.3	15
6	Analysis of first LIGO science data for stochastic gravitational waves. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	71
5	First upper limits from LIGO on gravitational wave bursts. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	87
4	Setting upper limits on the strength of periodic gravitational waves from PSR J1939+2134 using the first science data from the GEO 600 and LIGO detectors. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	135
3	Analysis of LIGO data for gravitational waves from binary neutron stars. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	122
2	Detector description and performance for the first coincidence observations between LIGO and GEO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 517, 154-179	1.2	229
1	Detector characterization in GEO 600. <i>Classical and Quantum Gravity</i> , <b>2003</b> , 20, S731-S739	3.3	