

Matthew Pitkin

List of Publications by Year in descending order

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181
papers

35,216
citations

9264

74
h-index

4645

170
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185
all docs

185
docs citations

185
times ranked

15046
citing authors

#	ARTICLE	IF	CITATIONS
1	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
2	lntegrate: A C/Python numerical integration library for working in log-space. Journal of Open Source Software, 2022, 7, 4231.	4.6	0
3	Nested sampling for physical scientists. Nature Reviews Methods Primers, 2022, 2, .	21.2	40
4	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
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	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. Physical Review Letters, 2020, 125, 101102.	7.7	836
7	Bayesian inference for compact binary coalescences with <code>bilby</code> : validation and application to the first LIGO+Virgo gravitational-wave transient catalogue. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3295-3319.	4.4	213
8	Establishing the significance of continuous gravitational-wave detections from known pulsars. Physical Review D, 2020, 102, .	4.7	13
9	Properties and Astrophysical Implications of the $150 M_{\odot}$ Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
10	Bilby: A User-friendly Bayesian Inference Library for Gravitational-wave Astronomy. Astrophysical Journal, Supplement Series, 2019, 241, 27.	7.7	526
11	First search for long-duration transient gravitational waves after glitches in the Vela and Crab pulsars. Physical Review D, 2019, 100, .	4.7	22
12	Reduced order modelling in searches for continuous gravitational waves I. Barycentring time delays. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4510-4519.	4.4	2
13	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
14	Evidence for a Minimum Ellipticity in Millisecond Pulsars. Astrophysical Journal Letters, 2018, 863, L40.	8.3	63
15	Hierarchical Bayesian method for detecting continuous gravitational waves from an ensemble of pulsars. Physical Review D, 2018, 98, .	4.7	15
16	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
17	psrqpy: a python interface for querying the ATNF pulsar catalogue. Journal of Open Source Software, 2018, 3, 538.	4.6	29
18	OctApps: a library of Octave functions for continuous gravitational-wave data analysis. Journal of Open Source Software, 2018, 3, 707.	4.6	11

#	ARTICLE	IF	CITATIONS
19	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	2.4	69
20	A targeted spectral interpolation algorithm for the detection of continuous gravitational waves. <i>Classical and Quantum Gravity</i> , 2017, 34, 015010.	4.0	3
21	Validating gravitational-wave detections: The Advanced LIGO hardware injection system. <i>Physical Review D</i> , 2017, 95, .	4.7	45
22	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> , 2017, 841, 89.	4.5	52
23	Probing dynamical gravity with the polarization of continuous gravitational waves. <i>Physical Review D</i> , 2017, 96, .	4.7	66
24	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	4.0	225
25	SUPPLEMENT: “THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914” (2016, <i>ApJL</i> , 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 14.	7.7	63
26	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	26.7	427
27	Comparison of methods for the detection of gravitational waves from unknown neutron stars. <i>Physical Review D</i> , 2016, 94, .	4.7	34
28	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, .	8.9	106
29	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> , 2016, 94, .	4.7	31
30	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016, 833, L1.	8.3	230
31	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	8.3	210
32	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016, 94, .	4.7	35
33	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016, 94, .	4.7	60
34	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR “BLACK HOLE MERGERS FROM ADVANCED LIGO”’S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016, 832, L21.	8.3	146
35	Directly comparing GW150914 with numerical solutions of Einstein’s equations for binary black hole coalescence. <i>Physical Review D</i> , 2016, 94, .	4.7	102
36	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, .	4.7	29

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37	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016, 93, .	4.7	17
38	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, .	4.7	32
39	Astrophysical calibration of gravitational-wave detectors. <i>Physical Review D</i> , 2016, 93, .	4.7	11
40	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	4.7	315
41	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. <i>Physical Review D</i> , 2016, 93, .	4.7	14
42	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
43	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	7.8	269
44	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	7.8	466
45	SUPPLEMENT: “LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914” (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	7.7	44
46	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	4.7	119
47	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	7.8	1,224
48	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	7.8	673
49	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016, 116, 241103.	7.8	2,701
50	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	8.9	898
51	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	8.3	633
52	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	7.8	8,753
53	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
54	First results and future prospects for dual-harmonic searches for gravitational waves from spinning neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4400-4421.	4.4	14

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55	Detecting beyond-Einstein polarizations of continuous gravitational waves. <i>Physical Review D</i> , 2015, 91, .	4.7	54
56	Upper limit to the transverse to longitudinal motion coupling of a waveguide mirror. <i>Classical and Quantum Gravity</i> , 2015, 32, 175005.	4.0	0
57	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015, 91, .	4.7	37
58	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , 2015, 91, .	4.7	39
59	Parameter estimation for compact binaries with ground-based gravitational-wave observations using the LALInference software library. <i>Physical Review D</i> , 2015, 91, .	4.7	674
60	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	4.7	47
61	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015, 32, 115012.	4.0	1,029
62	Advanced LIGO. <i>Classical and Quantum Gravity</i> , 2015, 32, 074001.	4.0	1,929
63	Comment on "Measurements of Newton's gravitational constant and the length of day" by Anderson J. D. et al.. <i>Europhysics Letters</i> , 2015, 111, 30002.	2.0	14
64	GLITCH OR ANTI-GLITCH: A BAYESIAN VIEW. <i>Astrophysical Journal Letters</i> , 2014, 784, L41.	8.3	7
65	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, .	4.7	60
66	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	7.8	68
67	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101.	7.8	86
68	Reconstructing the sky location of gravitational-wave detected compact binary systems: Methodology for testing and comparison. <i>Physical Review D</i> , 2014, 89, .	4.7	50
69	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	4.7	29
70	Advanced technologies for future ground-based, laser-interferometric gravitational wave detectors. <i>Journal of Modern Optics</i> , 2014, 61, S10-S45.	1.3	4
71	A Bayesian method for detecting stellar flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2268-2284.	4.4	15
72	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014, 31, 165014.	4.0	34

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73	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	4.5	125
74	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , 2014, 31, 085014.	4.0	21
75	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014, 31, 115004.	4.0	42
76	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005–2010. <i>Physical Review D</i> , 2014, 89, .	4.7	28
77	Search for Gravitational Waves Associated with γ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> . 2014. 113. 011102.	7.8	32
78	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> , 2014, 89, .	4.7	35
79	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> , 2014, 89, .	4.7	29
80	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009–2010. <i>Physical Review D</i> , 2013, 87, .	4.7	92
81	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013, 88, .	4.7	31
82	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013, 7, 613-619.	31.4	825
83	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> , 2013, 2013, 008-008.	5.4	32
84	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, .	4.7	91
85	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013, 88, .	4.7	132
86	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013, 88, .	4.7	65
87	Extending gravitational wave burst searches with pulsar timing arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2688-2697.	4.4	8
88	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 28.	7.7	62
89	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012, 29, 155002.	4.0	73
90	Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [<i>Phys. Rev. D</i> 81(10), 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, .	4.7	3

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91	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> , 2012, 760, 12.	4.5	104
92	A new code for parameter estimation in searches for gravitational waves from known pulsars. <i>Journal of Physics: Conference Series</i> , 2012, 363, 012041.	0.4	9
93	IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 755, 2.	4.5	60
94	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, .	4.7	107
95	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012, 85, .	4.7	48
96	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , 2012, 85, .	4.7	43
97	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> , 2012, 85, .	4.7	185
98	Publisher’s Note: Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar [<i>Phys. Rev. D</i> 83, 042001 (2011)]. <i>Physical Review D</i> , 2012, 85, .	4.7	2
99	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012, 85, .	4.7	66
100	Publisher’s Note: Search for gravitational waves from binary black hole inspiral, merger, and ringdown [<i>Phys. Rev. D</i> 83, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	4.7	0
101	Publisher’s Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [<i>Phys. Rev. D</i> 82, 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, .	4.7	2
102	Scientific objectives of Einstein Telescope. <i>Classical and Quantum Gravity</i> , 2012, 29, 124013.	4.0	355
103	Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. <i>Physical Review D</i> , 2011, 83, .	4.7	54
104	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011, 83, .	4.7	85
105	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011, 734, L35.	8.3	55
106	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011, 737, 93.	4.5	89
107	Gravitational Wave Detection by Interferometry (Ground and Space). <i>Living Reviews in Relativity</i> , 2011, 14, 5.	26.7	154
108	Prospects of observing continuous gravitational waves from known pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1849-1863.	4.4	27

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109	Publisher's Note: Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar [Phys. Rev. D83, 042001 (2011)]. Physical Review D, 2011, 83, .	4.7	0
110	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
111	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. Astrophysical Journal, 2010, 722, 1504-1513.	4.5	104
112	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	4.5	155
113	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. Physical Review D, 2010, 82, .	4.7	111
114	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. Physical Review D, 2010, 81, .	4.7	107
115	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
116	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
117	All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. Physical Review Letters, 2009, 102, 111102.	7.8	83
118	Observation of a kilogram-scale oscillator near its quantum ground state. New Journal of Physics, 2009, 11, 073032.	2.9	123
119	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
120	Einstein@Home search for periodic gravitational waves in LIGO S4 data. Physical Review D, 2009, 79, .	4.7	83
121	Search for gravitational-wave bursts in the first year of the fifth LIGO science run. Physical Review D, 2009, 80, .	4.7	79
122	Einstein@Home search for periodic gravitational waves in early S5 LIGO data. Physical Review D, 2009, 80, .	4.7	78
123	First LIGO search for gravitational wave bursts from cosmic (super)strings. Physical Review D, 2009, 80, .	4.7	45
124	Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO's fifth science run. Physical Review D, 2009, 80, .	4.7	105
125	Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data. Physical Review D, 2009, 79, .	4.7	120
126	Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. Physical Review D, 2009, 80, .	4.7	38

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127	Search for high frequency gravitational-wave bursts in the first calendar year of LIGO's fifth science run. <i>Physical Review D</i> , 2009, 80, .	4.7	32
128	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009, 701, L68-L74.	4.5	45
129	Publisher's Note: Upper limit map of a background of gravitational waves [Phys. Rev. D 76, 082003 (2007)]. <i>Physical Review D</i> , 2008, 77, .	4.7	0
130	Publisher's Note: Upper limits on gravitational wave emission from 78 radio pulsars [Phys. Rev. D 76, 042001 (2007)]. <i>Physical Review D</i> , 2008, 77, .	4.7	0
131	Search for gravitational waves associated with 39 gamma-ray bursts using data from the second, third, and fourth LIGO runs. <i>Physical Review D</i> , 2008, 77, .	4.7	60
132	Search of S3 LIGO data for gravitational wave signals from spinning black hole and neutron star binary inspirals. <i>Physical Review D</i> , 2008, 78, .	4.7	54
133	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051.	4.0	26
134	Searching for gravitational waves from Cassiopeia A with LIGO. <i>Classical and Quantum Gravity</i> , 2008, 25, 235011.	4.0	75
135	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 245008.	4.0	22
136	Report on the second Mock LISA data challenge. <i>Classical and Quantum Gravity</i> , 2008, 25, 114037.	4.0	44
137	Publisher's Note: All-sky search for periodic gravitational waves in LIGO S4 data [Phys. Rev. D 77, 022001 (2008)]. <i>Physical Review D</i> , 2008, 77, .	4.7	0
138	Publisher's Note: First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds [Phys. Rev. D 76, 022001 (2007)]. <i>Physical Review D</i> , 2008, 77, .	4.7	0
139	Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. <i>Physical Review D</i> , 2008, 77, .	4.7	126
140	Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. <i>Physical Review Letters</i> , 2008, 101, 211102.	7.8	69
141	Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008, 681, 1419-1430.	4.5	143
142	Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008, 683, L45-L49.	4.5	160
143	An evidence based time-frequency search method for gravitational waves from pulsar glitches. <i>Journal of Physics: Conference Series</i> , 2008, 122, 012035.	0.4	0
144	Inference on inspiral signals using LISA MLDC data. <i>Classical and Quantum Gravity</i> , 2007, 24, S521-S527.	4.0	13

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145	Inference on white dwarf binary systems using the first round Mock LISA Data Challenges data sets. <i>Classical and Quantum Gravity</i> , 2007, 24, S541-S549.	4.0	15
146	Search for gravitational-wave bursts in LIGO data from the fourth science run. <i>Classical and Quantum Gravity</i> , 2007, 24, 5343-5369.	4.0	78
147	Report on the first round of the Mock LISA Data Challenges. <i>Classical and Quantum Gravity</i> , 2007, 24, S529-S539.	4.0	33
148	Publisher's Note: First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds [Phys. Rev. D DPRVDAQ0556-282176, 022001 (2007)]. <i>Physical Review D</i> , 2007, 76, .	4.7	0
149	Binary system delays and timing noise in searches for gravitational waves from known pulsars. <i>Physical Review D</i> , 2007, 76, .	4.7	4
150	Evidence-based search method for gravitational waves from neutron star ring-downs. <i>Physical Review D</i> , 2007, 76, .	4.7	39
151	First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. <i>Physical Review D</i> , 2007, 76, .	4.7	35
152	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. <i>Astrophysical Journal</i> , 2007, 659, 918-930.	4.5	120
153	Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. <i>Physical Review D</i> , 2007, 76, .	4.7	128
154	Upper limit map of a background of gravitational waves. <i>Physical Review D</i> , 2007, 76, .	4.7	90
155	Search for gravitational wave radiation associated with the pulsating tail of the SGR α of 27 December 2004 using LIGO. <i>Physical Review D</i> , 2007, 76, .	4.7	51
156	Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006, 73, .	4.7	75
157	Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , 2006, 73, .	4.7	40
158	The GEO-HF project. <i>Classical and Quantum Gravity</i> , 2006, 23, S207-S214.	4.0	133
159	Status of the GEO600 detector. <i>Classical and Quantum Gravity</i> , 2006, 23, S71-S78.	4.0	123
160	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S29-S39.	4.0	40
161	The status of GEO 600. <i>Classical and Quantum Gravity</i> , 2005, 22, S193-S198.	4.0	27
162	Searching for gravitational waves from known pulsars. <i>Classical and Quantum Gravity</i> , 2005, 22, S1277-S1282.	4.0	3

#	ARTICLE	IF	CITATIONS
163	Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. Physical Review Letters, 2005, 94, 181103.	7.8	130
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