

Christopher P L Berry

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

57,542
citations

7551

77
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6818

155
g-index

159
all docs

159
docs citations

159
times ranked

16866
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for intermediate-mass black hole binaries in the third observing run of Advanced LIGO and Advanced Virgo. <i>Astronomy and Astrophysics</i> , 2022, 659, A84.	2.1	32
2	The effect of mission duration on LISA science objectives. <i>General Relativity and Gravitation</i> , 2022, 54, 3.	0.7	24
3	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3b. <i>Astrophysical Journal</i> , 2022, 928, 186.	1.6	15
4	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
5	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. <i>SoftwareX</i> , 2021, 13, 100658.	1.2	275
6	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144
7	The impact of mass-transfer physics on the observable properties of field binary black hole populations. <i>Astronomy and Astrophysics</i> , 2021, 647, A153.	2.1	86
8	The role of mass transfer and common envelope evolution in the formation of merging binary black holes. <i>Astronomy and Astrophysics</i> , 2021, 650, A107.	2.1	80
9	The missing link in gravitational-wave astronomy. <i>Experimental Astronomy</i> , 2021, 51, 1427-1440.	1.6	15
10	One Channel to Rule Them All? Constraining the Origins of Binary Black Holes Using Multiple Formation Pathways. <i>Astrophysical Journal</i> , 2021, 910, 152.	1.6	177
11	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. <i>Astrophysical Journal Letters</i> , 2021, 913, L7.	3.0	514
12	Targeted Modeling of GW150914's Binary Black Hole Source with Dart_board. <i>Astrophysical Journal Letters</i> , 2021, 914, L32.	3.0	6
13	Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences. <i>Astrophysical Journal Letters</i> , 2021, 915, L5.	3.0	453
14	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. <i>Physical Review D</i> , 2021, 103, .	1.6	338
15	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. <i>Physical Review X</i> , 2021, 11, .	2.8	1,097
16	An interactive gravitational-wave detector model for museums and fairs. <i>American Journal of Physics</i> , 2021, 89, 702-712.	0.3	1
17	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3a. <i>Astrophysical Journal</i> , 2021, 915, 86.	1.6	20
18	Evidence for Hierarchical Black Hole Mergers in the Second LIGO–Virgo Gravitational Wave Catalog. <i>Astrophysical Journal Letters</i> , 2021, 915, L35.	3.0	86

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19	Electromagnetic counterparts of gravitational-wave signals. <i>Astronomy and Geophysics</i> , 2021, 62, 4.15-4.21.	0.1	2
20	Discovering features in gravitational-wave data through detector characterization, citizen science and machine learning. <i>Classical and Quantum Gravity</i> , 2021, 38, 195016.	1.5	38
21	Binary Black Hole Formation with Detailed Modeling: Stable Mass Transfer Leads to Lower Merger Rates. <i>Astrophysical Journal</i> , 2021, 922, 110.	1.6	45
22	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGOâ€™s Third Observing Run. <i>Astrophysical Journal</i> , 2021, 923, 14.	1.6	59
23	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
24	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020, 893, 100.	1.6	12
25	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. <i>Physical Review Letters</i> , 2020, 125, 101102.	1.6	106
26	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. <i>Physical Review D</i> , 2020, 102, .	1.6	394
27	Eclipses of continuous gravitational waves as a probe of stellar structure. <i>Physical Review D</i> , 2020, 101, .	1.6	7
28	Bayesian inference for compact binary coalescences with <code>bilby</code> : validation and application to the first LIGOâ€™s Virgo gravitational-wave transient catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3295-3319.	1.6	213
29	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. <i>Astrophysical Journal Letters</i> , 2020, 896, L44.	3.0	1,090
30	GW190425: Observation of a Compact Binary Coalescence with Total Mass $3.4 M_{\odot}$. <i>Astrophysical Journal Letters</i> , 2020, 892, L3.	3.0	1,049
31	Model comparison from LIGOâ€™s Virgo data on GW170817â€™s binary components and consequences for the merger remnant. <i>Classical and Quantum Gravity</i> , 2020, 37, 045006.	1.5	109
32	A guide to LIGOâ€™s Virgo detector noise and extraction of transient gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2020, 37, 055002.	1.5	188
33	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. <i>Physical Review D</i> , 2020, 101, .	1.6	69
34	The missing link in gravitational-wave astronomy: discoveries waiting in the decihertz range. <i>Classical and Quantum Gravity</i> , 2020, 37, 215011.	1.5	90
35	Black Hole Genealogy: Identifying Hierarchical Mergers with Gravitational Waves. <i>Astrophysical Journal</i> , 2020, 900, 177.	1.6	94
36	Localization of Compact Binary Sources with Second-generation Gravitational-wave Interferometer Networks. <i>Astrophysical Journal</i> , 2020, 902, 71.	1.6	13

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37	Forward Modeling of Double Neutron Stars: Insights from Highly Offset Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2020, 904, 190.	1.6	13
38	Properties and Astrophysical Implications of the 150 M_{\odot} Binary Black Hole Merger GW190521. <i>Astrophysical Journal Letters</i> , 2020, 900, L13.	3.0	406
39	Exploring the Lower Mass Gap and Unequal Mass Regime in Compact Binary Evolution. <i>Astrophysical Journal Letters</i> , 2020, 899, L1.	3.0	102
40	You Can't Always Get What You Want: The Impact of Prior Assumptions on Interpreting GW190412. <i>Astrophysical Journal Letters</i> , 2020, 899, L17.	3.0	49
41	What GW170729's Exceptional Mass and Spin Tells Us about Its Family Tree. <i>Research Notes of the AAS</i> , 2020, 4, 2.	0.3	30
42	Classifying the unknown: Discovering novel gravitational-wave detector glitches using similarity learning. <i>Physical Review D</i> , 2019, 99, .	1.6	29
43	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	60
44	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015–2017 LIGO Data. <i>Astrophysical Journal</i> , 2019, 879, 10.	1.6	88
45	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. <i>Physical Review D</i> , 2019, 100, .	1.6	102
46	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2019, 100, .	1.6	54
47	Tests of General Relativity with GW170817. <i>Physical Review Letters</i> , 2019, 123, 011102.	2.9	370
48	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , 2019, 883, 149.	1.6	72
49	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. <i>Physical Review D</i> , 2019, 100, .	1.6	52
50	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , 2019, 123, 161102.	2.9	119
51	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , 2019, 882, L24.	3.0	566
52	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. <i>Physical Review X</i> , 2019, 9, .	2.8	2,022
53	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. <i>Physical Review D</i> , 2019, 100, .	1.6	200
54	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	1.5	451

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55	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	22
56	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> , 2019, 870, 134.	1.6	32
57	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> , 2019, 871, 90.	1.6	30
58	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , 2019, 875, 122.	1.6	61
59	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019, 875, 160.	1.6	97
60	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> , 2019, 876, L7.	3.0	179
61	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019, 875, 161.	1.6	71
62	Deep and rapid observations of strong-lensing galaxy clusters within the sky localization of GW170814. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5180-5191.	1.6	19
63	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , 2019, 874, 163.	1.6	26
64	Constraining the p -Mode Tidal Instability with GW170817. <i>Physical Review Letters</i> , 2019, 122, 061104.	2.9	36
65	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. <i>Physical Review D</i> , 2019, 100, .	1.6	470
66	Can Neutron-star Mergers Explain the r-process Enrichment in Globular Clusters?. <i>Astrophysical Journal</i> , 2019, 886, 4.	1.6	32
67	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> , 2019, 886, 75.	1.6	29
68	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. <i>Physical Review D</i> , 2019, 100, .	1.6	46
69	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	2.8	728
70	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> , 2018, 35, 065010.	1.5	94
71	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101.	2.9	166
72	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065009.	1.5	18

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73	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	2.9	68
74	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
75	Testing general relativity using gravitational wave signals from the inspiral, merger and ringdown of binary black holes. <i>Classical and Quantum Gravity</i> , 2018, 35, 014002.	1.5	72
76	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018, 121, 231103.	2.9	77
77	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018, 121, 161101.	2.9	1,473
78	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018, 120, 201102.	2.9	85
79	Accuracy of inference on the physics of binary evolution from gravitational-wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4685-4695.	1.6	100
80	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2018, 97, .	1.6	46
81	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	1.6	88
82	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
83	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017, 34, 044001.	1.5	735
84	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	1.5	98
85	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. <i>Physical Review D</i> , 2017, 95, .	1.6	72
86	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121101.	2.9	194
87	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	2.9	84
88	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
89	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
90	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017, 119, 141101.	2.9	1,600

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91	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017, 847, 47.	1.6	46
92	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88.	13.7	674
93	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	2.9	6,413
94	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
95	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	3.0	2,314
96	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, .	1.6	73
97	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	64
98	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.	1.6	52
99	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	1.6	40
100	Understanding the importance of transient resonances in extreme mass ratio inspirals. <i>Journal of Physics: Conference Series</i> , 2017, 840, 012052.	0.3	0
101	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L16.	3.0	189
102	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
103	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	3.0	135
104	Science with the space-based interferometer LISA. V. Extreme mass-ratio inspirals. <i>Physical Review D</i> , 2017, 95, .	1.6	344
105	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101.	2.9	1,987
106	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19
107	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> , 2017, 95, .	1.6	59
108	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017, 96, .	1.6	47

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109	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	60
110	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
111	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
112	Hierarchical analysis of gravitational-wave measurements of binary black hole spin-orbit misalignments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2801-2811.	1.6	152
113	Prospects for observing extreme-mass-ratio inspirals with LISA. <i>Journal of Physics: Conference Series</i> , 2017, 840, 012021.	0.3	58
114	PARAMETER ESTIMATION ON GRAVITATIONAL WAVES FROM NEUTRON-STAR BINARIES WITH SPINNING COMPONENTS. <i>Astrophysical Journal</i> , 2016, 825, 116.	1.6	68
115	SUPPLEMENT: "GOING THE DISTANCE: MAPPING HOST GALAXIES OF LIGO AND VIRGO SOURCES IN THREE DIMENSIONS USING LOCAL COSMOGRAPHY AND TARGETED FOLLOW-UP" (2016, <i>ApJL</i> , 829, L15). <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 10.	3.0	41
116	Early Advanced LIGO binary neutron-star sky localization and parameter estimation. <i>Journal of Physics: Conference Series</i> , 2016, 716, 012031.	0.3	5
117	Importance of transient resonances in extreme-mass-ratio inspirals. <i>Physical Review D</i> , 2016, 94, .	1.6	46
118	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225
119	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.	3.0	63
120	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	8.2	427
121	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016, 833, L1.	3.0	230
122	Fast methods for training Gaussian processes on large datasets. <i>Royal Society Open Science</i> , 2016, 3, 160125.	1.1	33
123	Testing general relativity using golden black-hole binaries. <i>Physical Review D</i> , 2016, 94, .	1.6	80
124	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
125	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.	3.0	146
126	Improving gravitational-wave parameter estimation using Gaussian process regression. <i>Physical Review D</i> , 2016, 93, .	1.6	33

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127	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. Physical Review D, 2016, 93, .	1.6	315
128	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	2.9	269
129	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103.	2.9	466
130	SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	3.0	44
131	Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101.	2.9	1,224
132	Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102.	2.9	673
133	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103.	2.9	2,701
134	GOING THE DISTANCE: MAPPING HOST GALAXIES OF LIGO AND VIRGO SOURCES IN THREE DIMENSIONS USING LOCAL COSMOGRAPHY AND TARGETED FOLLOW-UP. Astrophysical Journal Letters, 2016, 829, L15.	3.0	126
135	Inference on gravitational waves from coalescences of stellar-mass compact objects and intermediate-mass black holes. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4499-4506.	1.6	42
136	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	3.0	633
137	Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, 061102.	2.9	8,753
138	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
139	PARAMETER ESTIMATION FOR BINARY NEUTRON-STAR COALESCENCES WITH REALISTIC NOISE DURING THE ADVANCED LIGO ERA. Astrophysical Journal, 2015, 804, 114.	1.6	117
140	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	1.6	37
141	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	1.6	47
142	Advanced LIGO. Classical and Quantum Gravity, 2015, 32, 074001.	1.5	1,929
143	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	1.6	66
144	Gravitational-wave sensitivity curves. Classical and Quantum Gravity, 2015, 32, 015014.	1.5	504

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145	Parameter estimation on compact binary coalescences with abruptly terminating gravitational waveforms. <i>Classical and Quantum Gravity</i> , 2014, 31, 155005.	1.5	49
146	Relativistic astrophysics at GR20. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	1
147	Extreme-mass-ratio-bursts from extragalactic sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3572-3583.	1.6	24
148	Expectations for extreme-mass-ratio bursts from the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3521-3540.	1.6	16
149	Observing the Galaxy's massive black hole with gravitational wave bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 589-612.	1.6	32
150	Linearized $\frac{f}{R} \frac{d}{dt} \left(\frac{R}{T} \right)$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (stretchy="false") Physical Review D, 2011, 83, .	1.6	14
151	Gravitational wave energy spectrum of a parabolic encounter. <i>Physical Review D</i> , 2010, 82, .	1.6	16
152	Dirichlet Process Gaussian-mixture model: An application to localizing coalescing binary neutron stars with gravitational-wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	26