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List of Publications by Year in Descending Order

166 papers	38,152 citations	71 h-index	182 g-index
182 ext. papers	47,864 ext. citations	6.2 avg, IF	5.48 L-index

#	Paper	IF	Citations
166	Constraining the orbital eccentricity of inspiralling compact binary systems with Advanced LIGO. *Physical Review D*, **2022**, 105,	4.9	1
165	Constraints on dark photon dark matter using data from LIGO's and Virgo's third observing run. *Physical Review D*, **2022**, 105,	4.9	2
164	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3b. *Astrophysical Journal*, **2022**, 928, 186	4.7	1
163	Search of the early O3 LIGO data for continuous gravitational waves from the Cassiopeia A and Vela Jr. supernova remnants. *Physical Review D*, **2022**, 105,	4.9	4
162	All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. *Physical Review D*, **2021**, 104,	4.9	4
161	All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. *Physical Review D*, **2021**, 104,	4.9	1
160	Detectability of gravitational higher order modes in the third-generation era. *Physical Review D*, **2021**, 104,	4.9	1
159	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. *Astrophysical Journal*, **2021**, 909, 218	4.7	46
158	Unveiling the spectrum of inspiralling binary black holes. *Physical Review D*, **2021**, 103,	4.9	3
157	All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems. *Physical Review D*, **2021**, 103,	4.9	15
156	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. *Astrophysical Journal Letters*, **2021**, 913, L27	7.9	13
155	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. *Astrophysical Journal Letters*, **2021**, 913, L7	7.9	194
154	Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences. *Astrophysical Journal Letters*, **2021**, 915, L5	7.9	142
153	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. *Physical Review D*, **2021**, 103,	4.9	81
152	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. *Physical Review X*, **2021**, 11,	9.1	311
151	Remnant Black Hole Kicks and Implications for Hierarchical Mergers. *Astrophysical Journal Letters*, **2021**, 918, L31	7.9	2
150	Tests of general relativity using multiband observations of intermediate mass binary black hole mergers. *Physical Review D*, **2021**, 103,	4.9	7

149	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGO–Virgo's Third Observing Run. *Astrophysical Journal*, **2021**, 923, 14	4.7	4
148	Multiparameter Tests of General Relativity Using Multiband Gravitational-Wave Observations. *Physical Review Letters*, **2020**, 125, 201101	7.4	10
147	Black holes in the low-mass gap: Implications for gravitational-wave observations. *Physical Review D* , **2020**, 101,	4.9	23
146	On the Energetics of a Possible Relativistic Jet Associated with the Binary Neutron Star Merger Candidate S190425z. *Astrophysical Journal*, **2020**, 891, 130	4.7	2
145	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. *Astrophysical Journal Letters*, **2020**, 896, L44	7.9	571
144	GW190425: Observation of a Compact Binary Coalescence with Total Mass ~ 3.4 M ?. *Astrophysical Journal Letters*, **2020**, 892, L3	7.9	591
143	Model comparison from LIGO–Virgo data on GW170817's binary components and consequences for the merger remnant. *Classical and Quantum Gravity*, **2020**, 37, 045006	3.3	69
142	A guide to LIGO–Virgo detector noise and extraction of transient gravitational-wave signals. *Classical and Quantum Gravity*, **2020**, 37, 055002	3.3	78
141	Comparison of post-Newtonian mode amplitudes with numerical relativity simulations of binary black holes. *Classical and Quantum Gravity*, **2020**, 37, 065006	3.3	4
140	Properties and Astrophysical Implications of the 150 M ? Binary Black Hole Merger GW190521. *Astrophysical Journal Letters*, **2020**, 900, L13	7.9	207
139	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. *Astrophysical Journal Letters*, **2020**, 902, L21	7.9	32
138	Dark Sirens to Resolve the Hubble–Lemaître Tension. *Astrophysical Journal Letters*, **2020**, 905, L28	7.9	9
137	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, **2020**, 23, 3	32.5	144
136	Imprints of the redshift evolution of double neutron star merger rate on the signal-to-noise ratio distribution. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 523-531	4.3	2
135	GW190521: A Binary Black Hole Merger with a Total Mass of 150 M_{?}. *Physical Review Letters*, **2020**, 125, 101102	7.4	420
134	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. *Physical Review D*, **2020**, 102,	4.9	212
133	Prospects for fundamental physics with LISA. *General Relativity and Gravitation*, **2020**, 52, 1	2.3	71
132	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. *Astrophysical Journal Letters*, **2019**, 882, L24	7.9	381

131	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. *Physical Review X*, **2019**, 9,	9.1	1169
130	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. *Physical Review D*, **2019**, 100,	4.9	117
129	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. *Astrophysical Journal*, **2019**, 871, 90	4.7	22
128	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. *Astrophysical Journal*, **2019**, 875, 122	4.7	45
127	Spin-induced deformations and tests of binary black hole nature using third-generation detectors. *Physical Review D*, **2019**, 99,	4.9	19
126	Testing the multipole structure and conservative dynamics of compact binaries using gravitational wave observations: The spinning case. *Physical Review D*, **2019**, 100,	4.9	8
125	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. *Physical Review D*, **2019**, 100,	4.9	81
124	Tests of General Relativity with GW170817. *Physical Review Letters*, **2019**, 123, 011102	7.4	204
123	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. *Astrophysical Journal*, **2019**, 883, 149	4.7	36
122	Constraints on the binary black hole nature of GW151226 and GW170608 from the measurement of spin-induced quadrupole moments. *Physical Review D*, **2019**, 100,	4.9	14
121	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. *Physical Review D*, **2019**, 100,	4.9	39
120	Search for Subsolar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. *Physical Review Letters*, **2019**, 123, 161102	7.4	68
119	Constraining the p-Mode-g-Mode Tidal Instability with GW170817. *Physical Review Letters*, **2019**, 122, 061104	7.4	22
118	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. *Physical Review D*, **2019**, 100,	4.9	258
117	Properties of the Binary Neutron Star Merger GW170817. *Physical Review X*, **2019**, 9,	9.1	423
116	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO's first observing run. *Classical and Quantum Gravity*, **2018**, 35, 065010	3.3	62
115	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. *Physical Review Letters*, **2018**, 120, 091101	7.4	120
114	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. *Classical and Quantum Gravity*, **2018**, 35, 065009	3.3	12

113	First Search for Nontensorial Gravitational Waves from Known Pulsars. *Physical Review Letters*, **2018**, 120, 031104	7.4	50
112	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. *Living Reviews in Relativity*, **2018**, 21, 3	32.5	543
111	Exploring short-GRB afterglow parameter space for observations in coincidence with gravitational waves. *Monthly Notices of the Royal Astronomical Society*, **2018**, 474, 5340-5350	4.3	8
110	Rates of short-GRB afterglows in association with binary neutron star mergers. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 699-707	4.3	6
109	Constraints on cosmic strings using data from the first Advanced LIGO observing run. *Physical Review D*, **2018**, 97,	4.9	60
108	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA **2018**, 21, 1		2
107	Testing the multipole structure of compact binaries using gravitational wave observations. *Physical Review D*, **2018**, 98,	4.9	17
106	Search for Subsolar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. *Physical Review Letters*, **2018**, 121, 231103	7.4	49
105	GW170817: Measurements of Neutron Star Radii and Equation of State. *Physical Review Letters*, **2018**, 121, 161101	7.4	867
104	Exploring the sensitivity of next generation gravitational wave detectors. *Classical and Quantum Gravity*, **2017**, 34, 044001	3.3	454
103	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. *Physical Review D*, **2017**, 95,	4.9	54
102	Effects of waveform model systematics on the interpretation of GW150914. *Classical and Quantum Gravity*, **2017**, 34, 104002	3.3	74
101	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. *Physical Review D*, **2017**, 95,	4.9	60
100	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. *Physical Review Letters*, **2017**, 118, 121101	7.4	137
99	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. *Physical Review Letters*, **2017**, 118, 121102	7.4	65
98	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. *Astrophysical Journal* , **2017**, 839, 12	4.7	107
97	The basic physics of the binary black hole merger GW150914. *Annalen Der Physik*, **2017**, 529, 1600209	2.6	45
96	Implications of Binary Black Hole Detections on the Merger Rates of Double Neutron Stars and Neutron StarBlack Holes. *Astrophysical Journal Letters*, **2017**, 849, L14	7.9	3

95	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. *Physical Review Letters*, **2017**, 119, 141101	7.4	1270
94	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. *Astrophysical Journal*, **2017**, 847, 47	4.7	35
93	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. *Physical Review Letters*, **2017**, 119, 161101	7.4	4272
92	Multi-messenger Observations of a Binary Neutron Star Merger. *Astrophysical Journal Letters*, **2017**, 848, L12	7.9	1935
91	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. *Astrophysical Journal Letters*, **2017**, 848, L13	7.9	1614
90	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. *Physical Review D*, **2017**, 96,	4.9	64
89	Testing the Binary Black Hole Nature of a Compact Binary Coalescence. *Physical Review Letters*, **2017**, 119, 091101	7.4	73
88	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. *Astrophysical Journal*, **2017**, 841, 89	4.7	42
87	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. *Astrophysical Journal Letters*, **2017**, 851, L16	7.9	133
86	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. *Astrophysical Journal Letters*, **2017**, 850, L39	7.9	127
85	Projected constraints on the dispersion of gravitational waves using advanced ground- and space-based interferometers. *Physical Review D*, **2017**, 96,	4.9	13
84	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. *Physical Review Letters*, **2017**, 118, 221101	7.4	1609
83	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. *Physical Review D*, **2017**, 95,	4.9	14
82	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. *Physical Review D*, **2017**, 95,	4.9	47
81	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. *Physical Review D*, **2017**, 96,	4.9	39
80	On the Progenitor of Binary Neutron Star Merger GW170817. *Astrophysical Journal Letters*, **2017**, 850, L40	7.9	50
79	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. *Astrophysical Journal Letters*, **2017**, 851, L35	7.9	809
78	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. *Astrophysical Journal Letters*, **2016**, 826, L13	7.9	183

77	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. *Physical Review D*, **2016**, 94,	4.9	28
76	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. *Physical Review D*, **2016**, 94,	4.9	43
75	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR–BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. *Astrophysical Journal Letters*, **2016**, 832, L21	7.9	130
74	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. *Physical Review D*, **2016**, 94,	4.9	76
73	All-sky search for long-duration gravitational wave transients with initial LIGO. *Physical Review D*, **2016**, 93,	4.9	27
72	Ready-to-use post-Newtonian gravitational waveforms for binary black holes with nonprecessing spins: An update. *Physical Review D*, **2016**, 93,	4.9	65
71	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. *Physical Review D*, **2016**, 93,	4.9	253
70	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. *Physical Review D*, **2016**, 93,	4.9	10
69	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. *Physical Review Letters*, **2016**, 116, 131102	7.4	188
68	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. *Physical Review Letters*, **2016**, 116, 131103	7.4	328
67	SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13). *Astrophysical Journal, Supplement Series*, **2016**, 225, 8	8	38
66	Observing gravitational-wave transient GW150914 with minimal assumptions. *Physical Review D*, **2016**, 93,	4.9	94
65	Gravitational-wave phasing for low-eccentricity inspiralling compact binaries to 3PN order. *Physical Review D*, **2016**, 93,	4.9	38
64	Tests of General Relativity with GW150914. *Physical Review Letters*, **2016**, 116, 221101	7.4	837
63	Properties of the Binary Black Hole Merger GW150914. *Physical Review Letters*, **2016**, 116, 241102	7.4	515
62	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. *Physical Review Letters*, **2016**, 116, 241103	7.4	2136
61	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. *Physical Review X*, **2016**, 6,	9.1	723
60	Explosive and Radio-Selected Transients: Transient Astronomy with Square Kilometre Array and its Precursors. *Journal of Astrophysics and Astronomy*, **2016**, 37, 1	1.4	1

59	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. *Astrophysical Journal Letters*, **2016**, 818, L22	7.9	512
58	Observation of Gravitational Waves from a Binary Black Hole Merger. *Physical Review Letters*, **2016**, 116, 061102	7.4	6108
57	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. *Classical and Quantum Gravity*, **2016**, 33,	3.3	155
56	SUPPLEMENT: THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914 (2016, ApJL, 833, L1). *Astrophysical Journal, Supplement Series*, **2016**, 227, 14	8	52
55	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. *Living Reviews in Relativity*, **2016**, 19, 1	32.5	393
54	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. *Physical Review X*, **2016**, 6,	9.1	89
53	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. *Physical Review D*, **2016**, 94,	4.9	29
52	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. *Astrophysical Journal Letters*, **2016**, 833, L1	7.9	209
51			
50	Third post-Newtonian gravitational waveforms for compact binary systems in general orbits: Instantaneous terms. *Physical Review D*, **2015**, 91,	4.9	24
49	Template-space metric for searches for gravitational waves from the inspiral, merger, and ringdown of binary black holes. *Physical Review D*, **2015**, 91,	4.9	5
48	Synergy of short gamma ray burst and gravitational wave observations: Constraining the inclination angle of the binary and possible implications for off-axis gamma ray bursts. *Physical Review D*, **2014**, 90,	4.9	17
47	Parameter estimation of neutron star-black hole binaries using an advanced gravitational-wave detector network: Effects of the full post-Newtonian waveform. *Physical Review D*, **2014**, 90,	4.9	9
46	2.5PN Kick from Black-Hole Binaries in Circular Orbit: Nonspinning Case. *Springer Proceedings in Physics*, **2014**, 169-175	0.2	1
45	Singular value decomposition in parametrized tests of post-Newtonian theory. *Classical and Quantum Gravity*, **2013**, 30, 025011	3.3	7
44	TESTS OF GENERAL RELATIVITY AND ALTERNATIVE THEORIES OF GRAVITY USING GRAVITATIONAL WAVE OBSERVATIONS. *International Journal of Modern Physics D*, **2013**, 22, 1341012	2.2	19
43	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)]. *Physical Review D*, **2012**, 85,	4.9	2
42	Virgo: a laser interferometer to detect gravitational waves. *Journal of Instrumentation*, **2012**, 7, P03012-P03012	1.2	212

41	Generic bounds on dipolar gravitational radiation from inspiralling compact binaries. *Classical and Quantum Gravity*, **2012**, 29, 075011	3.3	21
40	Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D 81, 102001 (2010)]. *Physical Review D*, **2012**, 85,	4.9	3
39	2.5PN linear momentum flux from inspiralling compact binaries in quasicircular orbits and associated recoil: Nonspinning case. *Physical Review D*, **2012**, 85,	4.9	4
38	Gravitational-wave astronomy **2011**, 16, 922-932		
37	Directional limits on persistent gravitational waves using LIGO S5 science data. *Physical Review Letters*, **2011**, 107, 271102	7.4	85
36	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. *Astrophysical Journal*, **2010**, 713, 671-685	4.7	140
35	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. *Physical Review D*, **2010**, 82,	4.9	100
34	In-vacuum Faraday isolation remote tuning. *Applied Optics*, **2010**, 49, 4780-90	0.2	8
33	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. *Physical Review D*, **2010**, 81,	4.9	81
32	Parametrized tests of post-Newtonian theory using Advanced LIGO and Einstein Telescope. *Physical Review D*, **2010**, 82,	4.9	130
31	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. *Classical and Quantum Gravity*, **2010**, 27, 173001	3.3	869
30	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	4.7	79
29	Virgo calibration and reconstruction of the gravitationnal wave strain during VSR1. *Journal of Physics: Conference Series*, **2010**, 228, 012015	0.3	7
28	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	4.7	54
27	Third post-Newtonian angular momentum flux and the secular evolution of orbital elements for inspiralling compact binaries in quasi-elliptical orbits. *Physical Review D*, **2009**, 80,	4.9	69
26	Post-circular expansion of eccentric binary inspirals: Fourier-domain waveforms in the stationary phase approximation. *Physical Review D*, **2009**, 80,	4.9	107
25	Laser with an in-loop relative frequency stability of 1.0×10⁻²¹ on a 100-ms time scale for gravitational-wave detection. *Physical Review A*, **2009**, 79,	2.6	6
24	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. *Classical and Quantum Gravity*, **2009**, 26, 204002	3.3	5

23	Massive black-hole binary inspirals: results from the LISA parameter estimation taskforce. *Classical and Quantum Gravity*, **2009**, 26, 094027	3.3	79
22	LISA as a dark energy probe. *Classical and Quantum Gravity*, **2009**, 26, 094021	3.3	20
21	Gravitational wave burst search in the Virgo C7 data. *Classical and Quantum Gravity*, **2009**, 26, 085009	3.3	15
20	Bounding the mass of the graviton with gravitational waves: effect of higher harmonics in gravitational waveform templates. *Classical and Quantum Gravity*, **2009**, 26, 155002	3.3	58
19	An upper limit on the stochastic gravitational-wave background of cosmological origin. *Nature*, **2009**, 460, 990-4	50.4	267
18	Higher-order spin effects in the amplitude and phase of gravitational waveforms emitted by inspiraling compact binaries: Ready-to-use gravitational waveforms. *Physical Review D*, **2009**, 79,	4.9	216
17	Precessing supermassive black hole binaries and dark energy measurements with LISA. *Physical Review D*, **2009**, 80,	4.9	12
16	Inspiralling compact binaries in quasi-elliptical orbits: The complete third post-Newtonian energy flux. *Physical Review D*, **2008**, 77,	4.9	72
15	Search for gravitational waves associated with GRB 050915a using the Virgo detector. *Classical and Quantum Gravity*, **2008**, 25, 225001	3.3	23
14	Summary of session B3: analytic approximations, perturbation methods and their applications. *Classical and Quantum Gravity*, **2008**, 25, 114020	3.3	3
13	Virgo status. *Classical and Quantum Gravity*, **2008**, 25, 184001	3.3	110
12	Noise studies during the first Virgo science run and after. *Classical and Quantum Gravity*, **2008**, 25, 184003	3.3	6
11	Tail effects in the third post-Newtonian gravitational wave energy flux of compact binaries in quasi-elliptical orbits. *Physical Review D*, **2008**, 77,	4.9	58
10	Higher signal harmonics, LISA's angular resolution, and dark energy. *Physical Review D*, **2007**, 76,	4.9	85
9	Publisher's Note: Higher signal harmonics, LISA's angular resolution, and dark energy [Phys. Rev. D 76, 104016 (2007)]. *Physical Review D*, **2007**, 76,	4.9	11
8	Higher harmonics increase LISA's mass reach for supermassive black holes. *Physical Review D*, **2007**, 75,	4.9	32
7	Probing the nonlinear structure of general relativity with black hole binaries. *Physical Review D*, **2006**, 74,	4.9	86
6	Parameter estimation of coalescing supermassive black hole binaries with LISA. *Physical Review D*, **2006**, 74,	4.9	18

5	Testing post-Newtonian theory with gravitational wave observations. *Classical and Quantum Gravity* , **2006**, 23, L37-L43	3.3	86
4	Parameter estimation of inspiralling compact binaries using 3.5 post-Newtonian gravitational wave phasing: The nonspinning case. *Physical Review D*, **2005**, 71,	4.9	126
3	The 2.5PN gravitational wave polarizations from inspiralling compact binaries in circular orbits. *Classical and Quantum Gravity*, **2005**, 22, 3115-3117	3.3	62
2	The 2.5PN gravitational wave polarizations from inspiralling compact binaries in circular orbits. *Classical and Quantum Gravity*, **2004**, 21, 3771-3801	3.3	109
1	Search for intermediate-mass black hole binaries in the third observing run of Advanced LIGO and Advanced Virgo. *Astronomy and Astrophysics*,	5.1	4