

Jolien Creighton

List of Publications by Year in descending order

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177
docs citations

177
times ranked

17603
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102. | 2.9 | 673 |
| 20 | ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22. | 3.0 | 633 |
| 21 | 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 |
| 22 | GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103. | 2.9 | 466 |
| 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 | 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 |
| 25 | Tests of General Relativity with GW170817. <i>Physical Review Letters</i> , 2019, 123, 011102. | 2.9 | 370 |
| 26 | GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 315 |
| 27 | An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , 2009, 460, 990-994. | 13.7 | 303 |
| 28 | GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102. | 2.9 | 269 |
| 29 | 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 |
| 30 | 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 |
| 31 | Gravitational-Wave Stochastic Background from Cosmic Strings. <i>Physical Review Letters</i> , 2007, 98, 111101. | 2.9 | 222 |
| 32 | LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13. | 3.0 | 210 |
| 33 | 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 |
| 34 | 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 |
| 35 | A guide to LIGO's Virgo detector noise and extraction of transient gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2020, 37, 055002. | 1.5 | 188 |
| 36 | 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, . | 1.6 | 185 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | CW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101. | 2.9 | 166 |
| 38 | Setting upper limits on the strength of periodic gravitational waves from PSRJ1939+2134 using the first science data from the GEO 600 and LIGO detectors. <i>Physical Review D</i> , 2004, 69, . | 1.6 | 165 |
| 39 | Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008, 683, L45-L49. | 1.6 | 160 |
| 40 | Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39. | 3.0 | 156 |
| 41 | SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010, 713, 671-685. | 1.6 | 155 |
| 42 | 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 |
| 43 | Analysis of LIGO data for gravitational waves from binary neutron stars. <i>Physical Review D</i> , 2004, 69, . | 1.6 | 145 |
| 44 | 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 |
| 45 | Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008, 681, 1419-1430. | 1.6 | 143 |
| 46 | Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013, 88, . | 1.6 | 132 |
| 47 | First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12. | 1.6 | 131 |
| 48 | Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. <i>Physical Review Letters</i> , 2005, 94, 181103. | 2.9 | 130 |
| 49 | Searching for gravitational waves from binary coalescence. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 130 |
| 50 | 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, . | 1.6 | 128 |
| 51 | Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. <i>Physical Review D</i> , 2008, 77, . | 1.6 | 126 |
| 52 | GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119. | 1.6 | 125 |
| 53 | Observation of a kilogram-scale oscillator near its quantum ground state. <i>New Journal of Physics</i> , 2009, 11, 073032. | 1.2 | 123 |
| 54 | Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 121 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. <i>Astrophysical Journal</i> , 2007, 659, 918-930. | 1.6 | 120 |
| 56 | Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data. <i>Physical Review D</i> , 2009, 79, . | 1.6 | 120 |
| 57 | Gravitational wave bursts from cosmic (super)strings: Quantitative analysis and constraints. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 119 |
| 58 | Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , 2019, 123, 161102. | 2.9 | 119 |
| 59 | Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSRI. <i>Physical Review D</i> , 2010, 82, . | 1.6 | 111 |
| 60 | All-sky search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2008, 77, . | 1.6 | 110 |
| 61 | Search for gravitational waves from galactic and extra-galactic binary neutron stars. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 109 |
| 62 | Model comparison from LIGO's Virgo data on GW170817's binary components and consequences for the merger remnant. <i>Classical and Quantum Gravity</i> , 2020, 37, 045006. | 1.5 | 109 |
| 63 | First upper limits from LIGO on gravitational wave bursts. <i>Physical Review D</i> , 2004, 69, . | 1.6 | 108 |
| 64 | All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010, 81, . | 1.6 | 107 |
| 65 | All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 107 |
| 66 | Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO's fifth science run. <i>Physical Review D</i> , 2009, 80, . | 1.6 | 105 |
| 67 | FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010, 722, 1504-1513. | 1.6 | 104 |
| 68 | 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. | 1.6 | 104 |
| 69 | Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002. | 1.5 | 98 |
| 70 | 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 |
| 71 | Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. <i>Physical Review Letters</i> , 2011, 107, 271102. | 2.9 | 94 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | 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, . | 1.6 | 92 |
| 74 | Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 91 |
| 75 | Upper limit map of a background of gravitational waves. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 90 |
| 76 | 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> , 2010, 715, 1453-1461. | 1.6 | 90 |
| 77 | Upper Limits on a Stochastic Background of Gravitational Waves. <i>Physical Review Letters</i> , 2005, 95, 221101. | 2.9 | 89 |
| 78 | BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011, 737, 93. | 1.6 | 89 |
| 79 | OPTIMAL STRATEGIES FOR CONTINUOUS GRAVITATIONAL WAVE DETECTION IN PULSAR TIMING ARRAYS. <i>Astrophysical Journal</i> , 2012, 756, 175. | 1.6 | 88 |
| 80 | 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 |
| 81 | Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009–2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101. | 2.9 | 86 |
| 82 | Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011, 83, . | 1.6 | 85 |
| 83 | Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018, 120, 201102. | 2.9 | 85 |
| 84 | Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102. | 2.9 | 84 |
| 85 | Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 539, A124. | 2.1 | 84 |
| 86 | All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. <i>Physical Review Letters</i> , 2009, 102, 111102. | 2.9 | 83 |
| 87 | Einstein@Home search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2009, 79, . | 1.6 | 83 |
| 88 | Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 79 |
| 89 | Search for gravitational-wave bursts in the first year of the fifth LIGO science run. <i>Physical Review D</i> , 2009, 80, . | 1.6 | 79 |
| 90 | Search for gravitational-wave bursts in LIGO data from the fourth science run. <i>Classical and Quantum Gravity</i> , 2007, 24, 5343-5369. | 1.5 | 78 |

| # | ARTICLE | IF | CITATIONS |
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| 91 | Einstein@Home search for periodic gravitational waves in early S5 LIGO data. <i>Physical Review D</i> , 2009, 80, . | 1.6 | 78 |
| 92 | Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018, 121, 231103. | 2.9 | 77 |
| 93 | First all-sky upper limits from LIGO on the strength of periodic gravitational waves using the Hough transform. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 75 |
| 94 | Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006, 73, . | 1.6 | 75 |
| 95 | First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 541, A155. | 2.1 | 75 |
| 96 | Search for gravitational waves associated with the gamma ray burst GRB030329 using the LIGO detectors. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 74 |
| 97 | The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012, 29, 155002. | 1.5 | 73 |
| 98 | On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40. | 3.0 | 73 |
| 99 | 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 |
| 100 | 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 |
| 101 | Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. <i>Physical Review Letters</i> , 2008, 101, 211102. | 2.9 | 69 |
| 102 | The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209. | 0.9 | 69 |
| 103 | Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101. | 2.9 | 68 |
| 104 | First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104. | 2.9 | 68 |
| 105 | All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 66 |
| 106 | SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39. | 1.6 | 66 |
| 107 | Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013, 88, . | 1.6 | 65 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
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| 109 | SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 28. | 3.0 | 62 |
| 110 | Distance measures in gravitational-wave astrophysics and cosmology. <i>Classical and Quantum Gravity</i> , 2021, 38, 055010. | 1.5 | 62 |
| 111 | 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 |
| 112 | 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, . | 1.6 | 60 |
| 113 | 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> , 2010, 715, 1438-1452. | 1.6 | 60 |
| 114 | IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 755, 2. | 1.6 | 60 |
| 115 | Observational Limit on Gravitational Waves from Binary Neutron Stars in the Galaxy. <i>Physical Review Letters</i> , 1999, 83, 1498-1501. | 2.9 | 57 |
| 116 | Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 57 |
| 117 | FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 7. | 3.0 | 57 |
| 118 | SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011, 734, L35. | 3.0 | 55 |
| 119 | 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, . | 1.6 | 54 |
| 120 | Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. <i>Physical Review D</i> , 2011, 83, . | 1.6 | 54 |
| 121 | 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 |
| 122 | Search for gravitational wave radiation associated with the pulsating tail of the SGR γ 1806 γ 20 hyperflare of 27 December 2004 using LIGO. <i>Physical Review D</i> , 2007, 76, . | 1.6 | 51 |
| 123 | Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. <i>Physical Review D</i> , 2005, 72, . | 1.6 | 49 |
| 124 | Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 48 |
| 125 | An Early-warning System for Electromagnetic Follow-up of Gravitational-wave Events. <i>Astrophysical Journal Letters</i> , 2020, 905, L25. | 3.0 | 48 |
| 126 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Conserved masses in GHS Einstein and string black holes and consistent thermodynamics. Physical Review D, 1996, 54, 3892-3899. | 1.6 | 45 |
| 128 | First LIGO search for gravitational wave bursts from cosmic (super)strings. Physical Review D, 2009, 80, . | 1.6 | 45 |
| 129 | STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. Astrophysical Journal, 2009, 701, L68-L74. | 1.6 | 45 |
| 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 | Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600-1000 Hz. Physical Review D, 2012, 85, . | 1.6 | 43 |
| 132 | The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. Classical and Quantum Gravity, 2014, 31, 115004. | 1.5 | 42 |
| 133 | Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. Physical Review D, 2006, 73, . | 1.6 | 40 |
| 134 | Search for gravitational-wave bursts in LIGO's third science run. Classical and Quantum Gravity, 2006, 23, S29-S39. | 1.5 | 40 |
| 135 | Identifying Strong Gravitational-wave Lensing during the Second Observing Run of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2021, 908, 97. | 1.6 | 40 |
| 136 | Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. Physical Review D, 2009, 80, . | 1.6 | 38 |
| 137 | GstLAL: A software framework for gravitational wave discovery. SoftwareX, 2021, 14, 100680. | 1.2 | 37 |
| 138 | Constraining the p -Mode Tidal Instability with GW170817. Physical Review Letters, 2019, 122, 061104. | 2.9 | 36 |
| 139 | First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. Physical Review D, 2007, 76, . | 1.6 | 35 |
| 140 | Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. Classical and Quantum Gravity, 2014, 31, 165014. | 1.5 | 34 |
| 141 | Search for high frequency gravitational-wave bursts in the first calendar year of LIGO's fifth science run. Physical Review D, 2009, 80, . | 1.6 | 32 |
| 142 | Search for Gravitational Waves Associated with I^3 -ray Bursts Detected by the Interplanetary Network. Physical Review Letters, 2014, 113, 011102. | 2.9 | 32 |
| 143 | Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, . | 1.6 | 31 |
| 144 | Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2019, 886, 75. | 1.6 | 29 |

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|-----|---|-----|-----------|
| 145 | Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051. | 1.5 | 26 |
| 146 | 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 |
| 147 | First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 245008. | 1.5 | 22 |
| 148 | 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. | 1.5 | 21 |
| 149 | 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 |
| 150 | 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 |
| 151 | Measuring the speed of gravitational waves from the first and second observing run of Advanced LIGO and Advanced Virgo. <i>Physical Review D</i> , 2020, 102, . | 1.6 | 18 |
| 152 | Making $h(t)$ for LIGO. <i>Classical and Quantum Gravity</i> , 2004, 21, S1723-S1735. | 1.5 | 17 |
| 153 | A joint search for gravitational wave bursts with AURIGA and LIGO. <i>Classical and Quantum Gravity</i> , 2008, 25, 095004. | 1.5 | 16 |
| 154 | Rapid model comparison of equations of state from gravitational wave observation of binary neutron star coalescences. <i>Physical Review D</i> , 2021, 104, . | 1.6 | 8 |
| 155 | Upper limits on the strength of periodic gravitational waves from PSR J1939+2134. <i>Classical and Quantum Gravity</i> , 2004, 21, S671-S676. | 1.5 | 4 |
| 156 | Fresnel models for gravitational wave effects on pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4531-4554. | 1.6 | 4 |
| 157 | Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D 81 , 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 3 |
| 158 | Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. <i>Astrophysical Journal</i> , 2022, 925, 58. | 1.6 | 3 |
| 159 | Publisher's Note: Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar [Phys. Rev. D 83 , 042001 (2011)]. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 2 |
| 160 | Publisher's Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D 82 , 102001 (2010)]. <i>Physical Review D</i> , 2012, 85, . | 1.6 | 2 |
| 161 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1. | | 2 |
| 162 | Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Publisher's Note: First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds [Phys. Rev. D 76 , 022001 (2007)]. Physical Review D, 2007, 76, . | 1.6 | 0 |
| 164 | Publisher's Note: Upper limit map of a background of gravitational waves [Phys. Rev. D 76 , 082003 (2007)]. Physical Review D, 2008, 77, . | 1.6 | 0 |
| 165 | Publisher's Note: Upper limits on gravitational wave emission from 78 radio pulsars [Phys. Rev. D 76 , 042001 (2007)]. Physical Review D, 2008, 77, . | 1.6 | 0 |
| 166 | Publisher's Note: All-sky search for periodic gravitational waves in LIGO S4 data [Phys. Rev. D 77 , 022001 (2008)]. Physical Review D, 2008, 77, . | 1.6 | 0 |
| 167 | Publisher's Note: First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds [Phys. Rev. D 76 , 022001 (2007)]. Physical Review D, 2008, 77, . | 1.6 | 0 |
| 168 | Publisher's Note: Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar [Phys. Rev. D 83 , 042001 (2011)]. Physical Review D, 2011, 83, . | 1.6 | 0 |
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