

# Lee Samuel Samuel Finn

## List of Publications by Year in descending order

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171  
docs citations

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times ranked

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citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.  | 7.8  | 8,753     |
| 2  | LIGO: the Laser Interferometer Gravitational-Wave Observatory. <i>Reports on Progress in Physics</i> , 2009, 72, 076901.   | 20.1 | 971       |
| 3  | Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , 2010, 27, 173001.   | 4.0  | 956       |
| 4  | 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       |
| 5  | A gravitational wave observatory operating beyond the quantum shot-noise limit. <i>Nature Physics</i> , 2011, 7, 962-965.  | 16.7 | 716       |
| 6  | Observing binary inspiral in gravitational radiation: One interferometer. <i>Physical Review D</i> , 1993, 47, 2198-2219.  | 4.7  | 572       |
| 7  | The International Pulsar Timing Array project: using pulsars as a gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2010, 27, 084013.  | 4.0  | 494       |
| 8  | Detection, measurement, and gravitational radiation. <i>Physical Review D</i> , 1992, 46, 5236-5249.   | 4.7  | 465       |
| 9  | The last three minutes: Issues in gravitational-wave measurements of coalescing compact binaries. <i>Physical Review Letters</i> , 1993, 70, 2984-2987.  | 7.8  | 431       |
| 10 | An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , 2009, 460, 990-994.   | 27.8 | 303       |
| 11 | LIMITS ON THE STOCHASTIC GRAVITATIONAL WAVE BACKGROUND FROM THE NORTH AMERICAN NANOHERTZ OBSERVATORY FOR GRAVITATIONAL WAVES. <i>Astrophysical Journal</i> , 2013, 762, 94.  | 4.5  | 270       |
| 12 | Detector description and performance for the first coincidence observations between LIGO and GEO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 517, 154-179. | 1.6  | 259       |
| 13 | Black-hole spectroscopy: testing general relativity through gravitational-wave observations. <i>Classical and Quantum Gravity</i> , 2004, 21, 787-803.   | 4.0  | 237       |
| 14 | 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       |
| 15 | IndIGO AND LIGO-INDIA: SCOPE AND PLANS FOR GRAVITATIONAL WAVE RESEARCH AND PRECISION METROLOGY IN INDIA. <i>International Journal of Modern Physics D</i> , 2013, 22, 1341010.   | 2.1  | 174       |
| 16 | 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, .   | 4.7  | 165       |
| 17 | Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. <i>Astrophysical Journal</i> , 2008, 683, L45-L49.  | 4.5  | 160       |
| 18 | Gravitational waves from a compact star in a circular, inspiral orbit, in the equatorial plane of a massive, spinning black hole, as observed by LISA. <i>Physical Review D</i> , 2000, 62, .  | 4.7  | 157       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010, 713, 671-685.  | 4.5 | 155       |
| 20 | Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008, 681, 1419-1430.  | 4.5 | 143       |
| 21 | Bounding the mass of the graviton using binary pulsar observations. <i>Physical Review D</i> , 2002, 65, .  | 4.7 | 138       |
| 22 | 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       |
| 23 | Limits on Gravitational-Wave Emission from Selected Pulsars Using LIGO Data. <i>Physical Review Letters</i> , 2005, 94, 181103.   | 7.8 | 130       |
| 24 | Gravitational radiation from a particle in circular orbit around a black hole. II. Numerical results for the nonrotating case. <i>Physical Review D</i> , 1993, 47, 1511-1518.  | 4.7 | 129       |
| 25 | 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       |
| 26 | Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. <i>Physical Review D</i> , 2008, 77, .   | 4.7 | 126       |
| 27 | Observation of a kilogram-scale oscillator near its quantum ground state. <i>New Journal of Physics</i> , 2009, 11, 073032.   | 2.9 | 123       |
| 28 | Upper limits on gravitational wave emission from 78 radio pulsars. <i>Physical Review D</i> , 2007, 76, .   | 4.7 | 121       |
| 29 | 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       |
| 30 | 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, .  | 4.7 | 120       |
| 31 | Calibration of the LIGO gravitational wave detectors in the fifth science run. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 624, 223-240. | 1.6 | 120       |
| 32 | Binary inspiral, gravitational radiation, and cosmology. <i>Physical Review D</i> , 1996, 53, 2878-2894.  | 4.7 | 119       |
| 33 | Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. <i>Physical Review D</i> , 2010, 82, .  | 4.7 | 111       |
| 34 | All-sky search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2008, 77, .   | 4.7 | 110       |
| 35 | First upper limits from LIGO on gravitational wave bursts. <i>Physical Review D</i> , 2004, 69, .   | 4.7 | 108       |
| 36 | All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010, 81, .  | 4.7 | 107       |

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|----|---|-----|-----------|
| 37 | All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, .   | 4.7 | 107       |
| 38 | 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, .                                       | 4.7 | 105       |
| 39 | FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010, 722, 1504-1513.   | 4.5 | 104       |
| 40 | 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       |
| 41 | Gravitational Wave Extraction and Outer Boundary Conditions by Perturbative Matching. <i>Physical Review Letters</i> , 1998, 80, 1812-1815.   | 7.8 | 102       |
| 42 | Boosted Three-Dimensional Black-Hole Evolutions with Singularity Excision. <i>Physical Review Letters</i> , 1998, 80, 2512-2516.  | 7.8 | 102       |
| 43 | Gravitational radiation, inspiraling binaries, and cosmology. <i>Astrophysical Journal</i> , 1993, 411, L5.   | 4.5 | 100       |
| 44 | Determining gravitational radiation from Newtonian self-gravitating systems. <i>Astrophysical Journal</i> , 1990, 351, 588.   | 4.5 | 95        |
| 45 | Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. <i>Physical Review Letters</i> , 2011, 107, 271102.  | 7.8 | 94        |
| 46 | 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        |
| 47 | Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, .   | 4.7 | 91        |
| 48 | Upper limit map of a background of gravitational waves. <i>Physical Review D</i> , 2007, 76, .  | 4.7 | 90        |
| 49 | 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. | 4.5 | 90        |
| 50 | Upper Limits on a Stochastic Background of Gravitational Waves. <i>Physical Review Letters</i> , 2005, 95, 221101.  | 7.8 | 89        |
| 51 | BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011, 737, 93.  | 4.5 | 89        |
| 52 | Stable Characteristic Evolution of Generic Three-Dimensional Single-Black-Hole Spacetimes. <i>Physical Review Letters</i> , 1998, 80, 3915-3918.  | 7.8 | 87        |
| 53 | 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        |
| 54 | Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011, 83, .  | 4.7 | 85        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 539, A124. | 5.1 | 84        |
| 56 | All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. <i>Physical Review Letters</i> , 2009, 102, 111102.                                   | 7.8 | 83        |
| 57 | Einstein@Home search for periodic gravitational waves in LIGO S4 data. <i>Physical Review D</i> , 2009, 79, .   | 4.7 | 83        |
| 58 | Gravitational-wave probe of effective quantum gravity. <i>Physical Review D</i> , 2008, 78, .   | 4.7 | 82        |
| 59 | Search for gravitational waves from primordial black hole binary coalescences in the galactic halo. <i>Physical Review D</i> , 2005, 72, .                                      | 4.7 | 79        |
| 60 | Search for gravitational-wave bursts in the first year of the fifth LIGO science run. <i>Physical Review D</i> , 2009, 80, .  | 4.7 | 79        |
| 61 | 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        |
| 62 | Einstein@Home search for periodic gravitational waves in early S5 LIGO data. <i>Physical Review D</i> , 2009, 80, .   | 4.7 | 78        |
| 63 | Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006, 73, .  | 4.7 | 75        |
| 64 | First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 541, A155.                           | 5.1 | 75        |
| 65 | The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012, 29, 155002.                                      | 4.0 | 73        |
| 66 | Detecting an association between gamma ray and gravitational wave bursts. <i>Physical Review D</i> , 1999, 60, .  | 4.7 | 71        |
| 67 | Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. <i>Physical Review Letters</i> , 2008, 101, 211102.   | 7.8 | 69        |
| 68 | All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012, 85, .  | 4.7 | 66        |
| 69 | Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013, 88, .   | 4.7 | 65        |
| 70 | Aperture synthesis for gravitational-wave data analysis: Deterministic sources. <i>Physical Review D</i> , 2001, 63, .  | 4.7 | 63        |
| 71 | SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 28.                                 | 7.7 | 62        |
| 72 | 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        |

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|----|---|-----|-----------|
| 73 | 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.  | 4.5 | 60        |
| 74 | IMPLICATIONS FOR THE ORIGIN OF GRB 051103 FROM LIGO OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 755, 2.  | 4.5 | 60        |
| 75 | Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , 2005, 72, .  | 4.7 | 57        |
| 76 | DETECTION, LOCALIZATION, AND CHARACTERIZATION OF GRAVITATIONAL WAVE BURSTS IN A PULSAR TIMING ARRAY. <i>Astrophysical Journal</i> , 2010, 718, 1400-1415.   | 4.5 | 57        |
| 77 | SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011, 734, L35.   | 8.3 | 55        |
| 78 | 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        |
| 79 | 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        |
| 80 | Search for gravitational wave radiation associated with the pulsating tail of the SGR $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mn}>1806\langle \text{mml:mn}>\langle \text{mml:mo}>\hat{\sim}\langle \text{mml:mo}>\langle \text{mml:mn}>20\langle \text{mml:mn}>\langle \text{mml:math}>\text{hyperflare}$ of 27 December 2004 using LIGO. <i>Physical Review D</i> , 2007, 76, . | 4.7 | 51        |
| 81 | Upper limits from the LIGO and TAMA detectors on the rate of gravitational-wave bursts. <i>Physical Review D</i> , 2005, 72, .  | 4.7 | 49        |
| 82 | An overview of the second round of the Mock LISA Data Challenges. <i>Classical and Quantum Gravity</i> , 2007, 24, S551-S564.   | 4.0 | 48        |
| 83 | Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012, 85, .  | 4.7 | 48        |
| 84 | First LIGO search for gravitational wave bursts from cosmic (super)strings. <i>Physical Review D</i> , 2009, 80, .  | 4.7 | 45        |
| 85 | STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009, 701, L68-L74.  | 4.5 | 45        |
| 86 | 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        |
| 87 | Observational Constraints on the Neutron Star Mass Distribution. <i>Physical Review Letters</i> , 1994, 73, 1878-1881.  | 7.8 | 42        |
| 88 | Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , 2006, 73, .   | 4.7 | 40        |
| 89 | Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S29-S39.   | 4.0 | 40        |
| 90 | Maximum Entropy for Gravitational Wave Data Analysis: Inferring the Physical Parameters of Core-Collapse Supernovae. <i>Astrophysical Journal</i> , 2008, 678, 1142-1157.   | 4.5 | 40        |

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|-----|--|-----|-----------|
| 91  | The transient gravitational-wave sky. <i>Classical and Quantum Gravity</i> , 2013, 30, 193002.   | 4.0 | 40        |
| 92  | Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. <i>Physical Review D</i> , 2009, 80, .   | 4.7 | 38        |
| 93  | Used percentage veto for LIGO and virgo binary inspiral searches. <i>Journal of Physics: Conference Series</i> , 2010, 243, 012005.  | 0.4 | 37        |
| 94  | 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        |
| 95  | Report on the first round of the Mock LISA Data Challenges. <i>Classical and Quantum Gravity</i> , 2007, 24, S529-S539.  | 4.0 | 33        |
| 96  | 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        |
| 97  | 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        |
| 98  | Overview of the BlockNormal event trigger generator. <i>Classical and Quantum Gravity</i> , 2004, 21, S1705-S1710.   | 4.0 | 31        |
| 99  | Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013, 88, .  | 4.7 | 31        |
| 100 | Pulsar timing array observations of gravitational wave source timing parallax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 50-58.  | 4.4 | 30        |
| 101 | Event Rate for Extreme Mass Ratio Burst Signals in the Laser Interferometer Space Antenna Band. <i>Astrophysical Journal</i> , 2006, 649, L25-L28.   | 4.5 | 29        |
| 102 | Detecting a stochastic gravitational-wave background: The overlap reduction function. <i>Physical Review D</i> , 2009, 79, .   | 4.7 | 29        |
| 103 | OPTIMIZING PULSAR TIMING ARRAYS TO MAXIMIZE GRAVITATIONAL WAVE SINGLE-SOURCE DETECTION: A FIRST CUT. <i>Astrophysical Journal</i> , 2011, 730, 17.   | 4.5 | 28        |
| 104 | Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051.   | 4.0 | 26        |
| 105 | Response of interferometric gravitational wave detectors. <i>Physical Review D</i> , 2009, 79, .   | 4.7 | 26        |
| 106 | Spectral methods for numerical relativity: The initial data problem. <i>Physical Review D</i> , 2000, 62, .  | 4.7 | 23        |
| 107 | Gravitational Waves from Extragalactic Inspiring Binaries: Selection Effects and Expected Detection Rates. <i>Astrophysical Journal</i> , 2004, 612, 364-374.  | 4.5 | 23        |
| 108 | Modulating the experimental signature of a stochastic gravitational wave background. <i>Physical Review D</i> , 2001, 64, .  | 4.7 | 22        |

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|-----|--|-----|-----------|
| 109 | 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        |
| 110 | Constraining effective quantum gravity with LISA. <i>Journal of Physics: Conference Series</i> , 2009, 154, 012041.  | 0.4 | 22        |
| 111 | Trompe L'Oeil 'binary' pulsars. <i>Astrophysical Journal</i> , 1990, 348, 226.   | 4.5 | 19        |
| 112 | Non-radial pulsations of neutron stars with a crust. <i>Monthly Notices of the Royal Astronomical Society</i> , 1990, 245, 82-82.  | 4.4 | 19        |
| 113 | GRAVITATIONAL WAVE HOTSPOTS: RANKING POTENTIAL LOCATIONS OF SINGLE-SOURCE GRAVITATIONAL WAVE EMISSION. <i>Astrophysical Journal</i> , 2014, 784, 60.                       | 4.5 | 18        |
| 114 | Bounding the graviton mass with binary pulsar observations. <i>Classical and Quantum Gravity</i> , 2002, 19, 1355-1360.  | 4.0 | 17        |
| 115 | Noise Line Identification in LIGO S6 and Virgo VSR2. <i>Journal of Physics: Conference Series</i> , 2010, 243, 012010.   | 0.4 | 17        |
| 116 | A joint search for gravitational wave bursts with AURIGA and LIGO. <i>Classical and Quantum Gravity</i> , 2008, 25, 095004.  | 4.0 | 16        |
| 117 | Data quality studies of enhanced interferometric gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2012, 29, 124010.                                    | 4.0 | 15        |
| 118 | LIGO-Virgo searches for gravitational waves from coalescing binaries: A status update. <i>Journal of Physics: Conference Series</i> , 2010, 228, 012002.                   | 0.4 | 13        |
| 119 | Physical response of light-time gravitational wave detectors. <i>Physical Review D</i> , 2014, 90, .   | 4.7 | 13        |
| 120 | Improving the efficiency of the detection of gravitational wave signals from inspiraling compact binaries: Chebyshev interpolation. <i>Physical Review D</i> , 2005, 72, . | 4.7 | 12        |
| 121 | No statistical excess in EXPLORER/NAUTILUS observations in the year 2001. <i>Classical and Quantum Gravity</i> , 2003, 20, L37-L44.  | 4.0 | 11        |
| 122 | Detectability of Gravitational Radiation from Stellar-Core Collapse. <i>Annals of the New York Academy of Sciences</i> , 1991, 631, 156-172.                               | 3.8 | 10        |
| 123 | Gravitational waves from solar oscillations: Proposal for a transition-zone test of general relativity. <i>Classical and Quantum Gravity</i> , 1985, 2, 381-402.           | 4.0 | 9         |
| 124 | Optimal location of a new interferometric gravitational wave observatory. <i>Physical Review D</i> , 2006, 73, .   | 4.7 | 9         |
| 125 | $R_{\Lambda}$ mer time-delay determination of the gravitational-wave propagation speed. <i>Physical Review D</i> , 2013, 88, .   | 4.7 | 9         |
| 126 | Astronomy and astrophysics with gravitational waves in the advanced detector era. <i>Classical and Quantum Gravity</i> , 2012, 29, 124012.                                 | 4.0 | 8         |



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|-----|--|-----|-----------|
| 127 | Searching for continuous gravitational wave signals using LIGO and Virgo detectors. Journal of Physics: Conference Series, 2012, 354, 012010.                  | 0.4 | 8         |
| 128 | Spin-down of rapidly rotating neutron stars. Astrophysical Journal, 1990, 359, 444.  | 4.5 | 8         |
| 129 | Open questions in astrophysically triggered gravitational wave searches. Journal of Physics: Conference Series, 2010, 243, 012001.                             | 0.4 | 7         |
| 130 | Joint searches for gravitational waves and high-energy neutrinos. Journal of Physics: Conference Series, 2010, 243, 012002.                                    | 0.4 | 7         |
| 131 | OPTIMIZATION OF NANOGRAV'S TIME ALLOCATION FOR MAXIMUM SENSITIVITY TO SINGLE SOURCES. Astrophysical Journal, 2014, 794, 163.                                   | 4.5 | 7         |
| 132 | Recent results on the search for continuous sources with LIGO and GEO 600. Journal of Physics: Conference Series, 2006, 39, 36-38.                             | 0.4 | 6         |
| 133 | Search for gravitational waves associated with the InterPlanetary Network short gamma ray bursts. Journal of Physics: Conference Series, 2012, 363, 012034.    | 0.4 | 6         |
| 134 | Plans for the LIGO-TAMA joint search for gravitational wave bursts. Classical and Quantum Gravity, 2004, 21, S1801-S1807.                                      | 4.0 | 5         |
| 135 | SwiftPointing and the Association between Gamma-Ray Bursts and Gravitational Wave Bursts. Astrophysical Journal, 2004, 607, 384-390.                           | 4.5 | 5         |
| 136 | GravEn: software for the simulation of gravitational wave detector network response. Classical and Quantum Gravity, 2006, 23, S799-S807.                       | 4.0 | 5         |
| 137 | Searching for gravitational waves with LIGO. Journal of Physics: Conference Series, 2008, 110, 062024.   | 0.4 | 5         |
| 138 | The status of laser interferometer gravitational-wave detectors. Journal of Physics: Conference Series, 2006, 39, 25-31.                                       | 0.4 | 4         |
| 139 | Event Rate for Extreme Mass Ratio Burst Signals in the LISA Band. AIP Conference Proceedings, 2006, , .  | 0.4 | 4         |
| 140 | Hierarchical Hough all-sky search for periodic gravitational waves in LIGO S5 data. Journal of Physics: Conference Series, 2010, 228, 012004.                  | 0.4 | 4         |
| 141 | Rapid alerts for following up gravitational wave event candidates. , 2012, , .   |     | 4         |
| 142 | A first comparison of SLOPE and other LIGO burst event trigger generators. Classical and Quantum Gravity, 2006, 23, S733-S740.                                 | 4.0 | 3         |
| 143 | Publisher's Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D, 81 (2010)]. Physical Review D, 2012, 85, . | 4.7 | 3         |
| 144 | Recent results for the search of continuous waves with the LIGO and Virgo detectors. Classical and Quantum Gravity, 2012, 29, 124011.                          | 4.0 | 2         |

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|-----|---|-----|-----------|
| 145 | 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, 2012, 85, .                         | 4.7 | 2         |
| 146 | Publisher's Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D82, 102001 (2010)]. Physical Review D, 2012, 85, .                  | 4.7 | 2         |
| 147 | Binary neutron star inspiral, LIGO, and cosmology*. Annals of the New York Academy of Sciences, 1995, 759, 489-492.   | 3.8 | 1         |
| 148 | Swift pointing and gravitational-wave bursts from gamma-ray burst events. Classical and Quantum Gravity, 2003, 20, S815-S820.   | 4.0 | 1         |
| 149 | Preparing for LISA Data: The Testbed for LISA Analysis Project. AIP Conference Proceedings, 2006, , .   | 0.4 | 1         |
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