

Jong H Chow

List of Publications by Year in descending order

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203
papers

48,952
citations

13068

68
h-index

5519

163
g-index

204
all docs

204
docs citations

204
times ranked

18056
citing authors

#	ARTICLE	IF	CITATIONS
1	A Double-Pass Cavity-Enhanced Spectrometer with a Polarization Analyzed Readout. , 2021, , .		0
2	Coherent Rayleigh Backscatter Phase Noise in Digitally Enhanced Fiber Interferometers. Journal of Lightwave Technology, 2021, 39, 2625-2630.	2.7	3
3	Double Rayleigh scattering in a digitally enhanced, all-fiber optical frequency reference. Optics Express, 2021, 29, 26319.	1.7	2
4	Polarization impedance measurement cavity enhanced laser absorption spectroscopy. Optics Express, 2021, 29, 33836.	1.7	1
5	Algebraic cancellation of inter-channel cross talk in multiplexed heterodyne interferometry. Optics Letters, 2021, 46, 5830.	1.7	2
6	Molecular Gas Sensing in the Near Infrared using Digitally Enhanced Dispersion Spectroscopy. , 2021, , .		0
7	0.1 Hz / Hz Frequency Stability in a Passive, Optical Fiber Frequency Reference. , 2021, , .		0
8	Infrasonic performance of a passively stabilized, all-fiber, optical frequency reference. Optics Express, 2020, 28, 9280.	1.7	3
9	Stereoscopic audio-band vibrometry with source triangulation and interferometric sensitivity. , 2020, , .		0
10	Digitally enhanced molecular dispersion spectroscopy. Optics Letters, 2020, 45, 6290.	1.7	2
11	Tests of General Relativity with GW170817. Physical Review Letters, 2019, 123, 011102.	2.9	370
12	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.	1.6	30
13	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal, 2019, 875, 160.	1.6	97
14	Constraining the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mode $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mode Tidal Instability with GW170817. Physical Review Letters, 2019, 122, 061104.	2.9	36
15	Properties of the Binary Neutron Star Merger GW170817. Physical Review X, 2019, 9, .	2.8	728
16	Multi-target CW interferometric acoustic measurements on a single optical beam. Optics Express, 2019, 27, 18477.	1.7	9
17	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.	1.5	94
18	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. Physical Review Letters, 2018, 120, 091101.	2.9	166

#	ARTICLE	IF	CITATIONS
19	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
20	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	2.9	68
21	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
22	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018, 121, 231103.	2.9	77
23	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018, 121, 161101.	2.9	1,473
24	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018, 120, 201102.	2.9	85
25	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2018, 97, .	1.6	46
26	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	1.6	88
27	Quantum Noise Limited Trace Gas Cavity Enhanced Polarization Spectroscopy. , 2018, , .		0
28	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017, 34, 044001.	1.5	735
29	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017, 95, .	1.6	69
30	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	1.5	98
31	Observation of Gravitational Waves from a Binary Black Hole Merger. , 2017, , 291-311.		45
32	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
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	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	2.9	84
35	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
36	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69

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37	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
38	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
39	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88.	13.7	674
40	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	2.9	6,413
41	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
42	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
43	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
44	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	64
45	Compact flexible multi-pass rotary delay line using spinning micro-machined mirrors. <i>Scientific Reports</i> , 2017, 7, 9299.	1.6	1
46	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
47	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
48	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
49	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
50	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
51	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
52	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
57	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
58	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
59	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
60	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
61	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, .	2.8	106
62	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. <i>Physical Review D</i> , 2016, 94, .	1.6	31
63	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
64	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
65	Algebraic cancellation of polarisation noise in fibre interferometers. <i>Optics Express</i> , 2016, 24, 10486.	1.7	1
66	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016, 94, .	1.6	35
67	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016, 94, .	1.6	60
68	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
69	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , 2016, 94, .	1.6	102
70	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	29
71	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016, 93, .	1.6	17
72	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, .	1.6	32

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73	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	315
74	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007â€“2013. <i>Physical Review D</i> , 2016, 93, .	1.6	14
75	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	1.6	92
76	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	2.9	269
77	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	2.9	466
78	All-optical low noise fiber Bragg grating microphone. <i>Applied Optics</i> , 2016, 55, 5570.	2.1	11
79	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	3.0	44
80	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	1.6	119
81	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	2.9	1,224
82	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	2.9	673
83	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016, 116, 241103.	2.9	2,701
84	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	2.8	898
85	Suppressing Rayleigh backscatter and code noise from all-fiber digital interferometers. <i>Optics Letters</i> , 2016, 41, 84.	1.7	12
86	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	3.0	633
87	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	2.9	8,753
88	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015, 91, .	1.6	37
89	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , 2015, 91, .	1.6	39
90	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	1.6	47

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91	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015, 32, 115012.	1.5	1,029
92	Advanced LIGO. <i>Classical and Quantum Gravity</i> , 2015, 32, 074001.	1.5	1,929
93	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	1.6	66
94	Resolving the range ambiguity in OFDR using digital signal processing. <i>Measurement Science and Technology</i> , 2014, 25, 125102.	1.4	4
95	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 7.	3.0	57
96	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, .	1.6	60
97	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	2.9	68
98	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. <i>Physical Review Letters</i> , 2014, 113, 231101.	2.9	86
99	Optical cavity enhanced real-time absorption spectroscopy of CO2 using laser amplitude modulation. <i>Applied Physics Letters</i> , 2014, 105, 053505.	1.5	5
100	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	1.6	29
101	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014, 31, 165014.	1.5	34
102	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
103	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
104	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014, 31, 115004.	1.5	42
105	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005â€“2010. <i>Physical Review D</i> , 2014, 89, .	1.6	28
106	Search for Gravitational Waves Associated with $\dot{\Gamma}^3$ -ray Bursts Detected by the Interplanetary Network. <i>Physical Review Letters</i> , 2014, 113, 011102.	2.9	32
107	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , 2014, 89, .	1.6	35
108	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014, 89, .	1.6	29

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109	Gas Analyzer with Cavity Enhanced Amplitude Modulated Laser Absorption Spectroscopy. , 2014, , .		0
110	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009â€“2010. Physical Review D, 2013, 87, .	1.6	92
111	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	1.6	31
112	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. Nature Photonics, 2013, 7, 613-619.	15.6	825
113	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	1.9	32
114	Ultrasensitive real-time measurement of dissipation and dispersion in a whispering-gallery mode microresonator. Optics Letters, 2013, 38, 1915.	1.7	13
115	Bandwidth-division in digitally enhanced optical frequency domain reflectometry. Optics Express, 2013, 21, 4017.	1.7	10
116	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. Physical Review D, 2013, 87, .	1.6	91
117	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. Physical Review D, 2013, 88, .	1.6	132
118	Directed search for continuous gravitational waves from the Galactic center. Physical Review D, 2013, 88, .	1.6	65
119	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28.	3.0	62
120	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	1.5	73
121	Subfrequency noise signal extraction in fiber-optic strain sensors using postprocessing. Optics Letters, 2012, 37, 2169.	1.7	12
122	Critical coupling control of a microresonator by laser amplitude modulation. Optics Express, 2012, 20, 12622.	1.7	23
123	Polarization speed meter for gravitational-wave detection. Physical Review D, 2012, 86, .	1.6	13
124	A passive frequency noise insensitive fiber strain sensor using post processing. Proceedings of SPIE, 2012, , .	0.8	0
125	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155.	2.1	75
126	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. Astrophysical Journal, 2012, 760, 12.	1.6	104

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127	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. Physical Review D, 2012, 85, .	1.6	107
128	Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, .	1.6	48
129	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
130	Servo-modified optical spring. , 2011, , .		0
131	Laser frequency noise immunity in multiplexed displacement sensing. Optics Letters, 2011, 36, 672.	1.7	20
132	Multiplexed interferometric displacement sensing below the laser frequency noise limit. , 2011, , .		0
133	Quasi-static strain sensing using molecular spectroscopy. Proceedings of SPIE, 2011, , .	0.8	0
134	A Shot-Noise Limited Fiber Laser Source by Cascaded Passive Optical Filtering. IEEE Journal of Quantum Electronics, 2010, 46, 976-980.	1.0	2
135	Digital Laser Frequency Stabilization Using an Optical Cavity. IEEE Journal of Quantum Electronics, 2010, 46, 1178-1183.	1.0	18
136	The risks and benefits of long-term use of hydroxyurea in sickle cell anemia: A 17.5 year follow-up. American Journal of Hematology, 2010, 85, 403-408.	2.0	385
137	Fiber optic strain sensing using an absolute frequency reference. , 2010, , .		0
138	Optical Fiber Sensing Based on Reflection Laser Spectroscopy. Sensors, 2010, 10, 1823-1845.	2.1	41
139	Optical fiber three-axis accelerometer based on lasers locked to π phase-shifted Bragg gratings. Measurement Science and Technology, 2010, 21, 094010.	1.4	21
140	High-resolution absolute frequency referenced fiber optic sensor for quasi-static strain sensing. Applied Optics, 2010, 49, 4029.	2.1	52
141	Experimental demonstration of impedance match locking and control for coupled resonators. Optics Express, 2010, 18, 9314.	1.7	6
142	Optical-Fiber Accelerometer Array: Nano-g Infrasonic Operation in a Passive 100 km Loop. IEEE Sensors Journal, 2010, 10, 1117-1124.	2.4	9
143	Spectroscopic Sensing at the Quantum Limit by Active Cavity Impedance Matching. , 2009, , .		0
144	Optical absorption spectrometry using Laser amplitude modulation. , 2009, , .		0

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145	Pico-strain multiplexed fiber optic sensor array operating down to infra-sonic frequencies. Optics Express, 2009, 17, 11077.	1.7	34
146	A Stabilized Fiber Laser for High-Resolution Low-Frequency Strain Sensing. IEEE Sensors Journal, 2009, 9, 983-986.	2.4	6
147	Passive nano-g fiber-accelerometer array over 100 km. Proceedings of SPIE, 2009, , .	0.8	2
148	3-axis accelerometer based on lasers locked to λ -shifted fibre Bragg gratings. Proceedings of SPIE, 2009, , .	0.8	5
149	A Comparison Between Digital and Analog Pound-Drever-Hall Laser Stabilization. , 2009, , .		1
150	A Stabilized Fiber Laser for Low Frequency, High Resolution Sensing. , 2009, , .		0
151	A Shot Noise Limited Fiber Laser Source. , 2009, , .		0
152	Using active resonator impedance matching for shot-noise limited, cavity enhanced amplitude modulated laser absorption spectroscopy. Optics Express, 2008, 16, 7726.	1.7	23
153	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
154	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
155	Search for gravitational waves associated with 39 gamma-ray bursts using data from the second, third, and fourth LIGO runs. Physical Review D, 2008, 77, .	1.6	60
156	All-sky search for periodic gravitational waves in LIGO S4 data. Physical Review D, 2008, 77, .	1.6	110
157	A joint search for gravitational wave bursts with AURIGA and LIGO. Classical and Quantum Gravity, 2008, 25, 095004.	1.5	16
158	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
159	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
160	Search for gravitational waves from binary inspirals in S3 and S4 LIGO data. Physical Review D, 2008, 77, .	1.6	126
161	Shot noise limited fiber laser source for sensing applications. , 2008, , .		0
162	Quasi-static fiber strain sensing with absolute frequency referencing. , 2008, , .		3

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163	Multiplexed fiber optic sensor array for geophysical survey. Proceedings of SPIE, 2008, , .	0.8	1
164	Backscatter immune Mach-Zehnder-Sagnac hybrid interferometric sensor. , 2008, , .		1
165	Quasi-static fiber strain sensing with FM spectroscopy. , 2008, , .		0
166	Polarization Managed Sagnac Sensing Interferometer with Inherent Backscatter Rejection. , 2007, , .		0
167	Rayleigh backscatter mitigation by RF modulation in a 100-km remote fiber sensing system. , 2007, 6538, 371.		1
168	Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369.	1.5	78
169	Shot Noise Limited Fiber Laser Source by Frequency Locking to a Fiber Ring Cavity. , 2007, , .		0
170	Fiber Laser Mode Cleaning by Frequency Locking to a Fiber Ring Cavity. , 2007, , .		0
171	Upper limits on gravitational wave emission from 78 radio pulsars. Physical Review D, 2007, 76, .	1.6	121
172	Publisher's Note: First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds [Phys. Rev. D, 2007, 76, .]. Physical Review D, 2007, 76, .	1.6	0
173	A 100 km Ultra-High Performance Fiber Sensing System. , 2007, , .		1
174	First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. Physical Review D, 2007, 76, .	1.6	35
175	Searching for a Stochastic Background of Gravitational Waves with the Laser Interferometer Gravitational-Wave Observatory. Astrophysical Journal, 2007, 659, 918-930.	1.6	120
176	Multiplexed fiber optic acoustic sensors in a 120 km loop using RF modulation. Proceedings of SPIE, 2007, , .	0.8	2
177	Backscatter-immune, polarization managed, all fiber Sagnac sensing interferometer. Optics Express, 2007, 15, 3110.	1.7	4
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