

Sanjit Mitra

List of Publications by Year in descending order

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162
papers

46,945
citations

5268

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all docs

163
docs citations

163
times ranked

22947
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
2	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A6.	5.1	6,722
3	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
4	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A10.	5.1	1,261
5	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
6	Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012.	4.0	1,029
7	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. Classical and Quantum Gravity, 2010, 27, 173001.	4.0	956
8	<i>Planck</i> 2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	5.1	948
9	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. Nature Photonics, 2013, 7, 613-619.	31.4	825
10	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	7.8	819
11	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
12	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A1.	5.1	804
13	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
14	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	8.3	633
15	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566
16	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
17	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
18	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103.	7.8	466

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19	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	5.1	465
20	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	26.7	447
21	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	26.7	427
22	<i>Planck</i> early results. I. The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2011, 536, A1.	5.1	394
23	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A29.	5.1	380
24	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	5.1	367
25	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	5.1	364
26	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A15.	5.1	360
27	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	5.1	350
28	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.	5.1	338
29	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	5.1	335
30	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A131.	5.1	276
31	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A19.	5.1	273
32	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	5.1	272
33	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	7.8	269
34	Virgo: a laser interferometer to detect gravitational waves. <i>Journal of Instrumentation</i> , 2012, 7, P03012-P03012.	1.2	257
35	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	4.0	225
36	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	5.1	224

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37	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	5.1	223
38	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	5.1	216
39	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	5.1	210
40	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A8.	5.1	209
41	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	5.1	184
42	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	5.1	182
43	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. <i>Astronomy and Astrophysics</i> , 2011, 536, A18.	5.1	180
44	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11.	5.1	174
45	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	5.1	170
46	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.	5.1	162
47	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. <i>Astronomy and Astrophysics</i> , 2011, 536, A20.	5.1	155
48	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.	5.1	152
49	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	5.1	144
50	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.	4.5	144
51	Implications for the Origin of GRB 070201 from LIGO Observations. <i>Astrophysical Journal</i> , 2008, 681, 1419-1430.	4.5	143
52	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	5.1	141
53	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	5.1	134
54	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , 2014, 571, A21.	5.1	133

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55	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	5.1	129
56	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	5.1	126
57	<i>Planck</i> early results. IX. <i>XMM-Newton</i> follow-up for validation of <i>Planck</i> cluster candidates. <i>Astronomy and Astrophysics</i> , 2011, 536, A9.	5.1	126
58	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	4.5	125
59	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. <i>Astronomy and Astrophysics</i> , 2011, 536, A10.	5.1	124
60	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
61	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A12.	5.1	117
62	<i>Planck</i> early results. VI. The High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A6.	5.1	116
63	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	5.1	116
64	<i>Planck</i> early results. III. First assessment of the Low Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A3.	5.1	108
65	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , 2014, 571, A8.	5.1	107
66	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A139.	5.1	106
67	FIRST SEARCH FOR GRAVITATIONAL WAVES FROM THE YOUNGEST KNOWN NEUTRON STAR. <i>Astrophysical Journal</i> , 2010, 722, 1504-1513.	4.5	104
68	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	5.1	103
69	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A140.	5.1	101
70	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	5.1	100
71	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	5.1	99
72	Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. <i>Physical Review Letters</i> , 2011, 107, 271102.	7.8	94

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73	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	5.1	94
74	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A7.	5.1	94
75	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	5.1	93
76	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
77	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.	4.5	90
78	<i>Planck</i> 2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90
79	Upper Limits on a Stochastic Background of Gravitational Waves. Physical Review Letters, 2005, 95, 221101.	7.8	89
80	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A23.	5.1	89
81	Probing the anisotropies of a stochastic gravitational-wave background using a network of ground-based laser interferometers. Physical Review D, 2009, 80, .	4.7	88
82	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	5.1	88
83	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, 231101.	7.8	86
84	All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. Physical Review Letters, 2009, 102, 111102.	7.8	83
85	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 566, A54.	5.1	80
86	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
87	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	5.1	80
88	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	5.1	79
89	Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369.	4.0	78
90	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A5.	5.1	77

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91	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, .	4.7	75
92	Search for gravitational waves from binary black hole inspirals in LIGO data. <i>Physical Review D</i> , 2006, 73, .	4.7	75
93	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	5.1	74
94	Gravitational wave radiometry: Mapping a stochastic gravitational wave background. <i>Physical Review D</i> , 2008, 77, .	4.7	70
95	Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. <i>Physical Review Letters</i> , 2008, 101, 211102.	7.8	69
96	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	5.1	69
97	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	2.4	69
98	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , 2014, 571, A10.	5.1	68
99	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	7.8	68
100	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	5.1	67
101	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	4.5	66
102	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A129.	5.1	63
103	FAST PIXEL SPACE CONVOLUTION FOR COSMIC MICROWAVE BACKGROUND SURVEYS WITH ASYMMETRIC BEAMS AND COMPLEX SCAN STRATEGIES: FEBeCoP. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 5.	7.7	58
104	Upper limits on gravitational wave bursts in LIGO's second science run. <i>Physical Review D</i> , 2005, 72, .	4.7	57
105	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 7.	7.7	57
106	Transient classification in LIGO data using difference boosting neural network. <i>Physical Review D</i> , 2017, 95, .	4.7	57
107	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A4.	5.1	56
108	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	5.1	55

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109	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
110	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
111	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A3.	5.1	53
112	Multitransonic Black Hole Accretion Disks with Isothermal Standing Shocks. <i>Astrophysical Journal</i> , 2003, 592, 1078-1088.	4.5	52
113	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A133.	5.1	52
114	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.	4.5	52
115	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
116	<i>Planck </i>intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 599, A51.	5.1	46
117	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.	4.0	42
118	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	5.1	41
119	Joint LIGO and TAMA300 search for gravitational waves from inspiralling neutron star binaries. <i>Physical Review D</i> , 2006, 73, .	4.7	40
120	Search for gravitational-wave bursts in LIGO's third science run. <i>Classical and Quantum Gravity</i> , 2006, 23, S29-S39.	4.0	40
121	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.	5.1	37
122	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A130.	5.1	36
123	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.	4.0	34
124	Towards a first design of a Newtonian-noise cancellation system for Advanced LIGO. <i>Classical and Quantum Gravity</i> , 2016, 33, 244001.	4.0	34
125	Very fast stochastic gravitational wave background map making using folded data. <i>Physical Review D</i> , 2018, 98, .	4.7	27
126	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051.	4.0	26

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127	Stochastic gravitational wave background from exoplanets. <i>Physical Review D</i> , 2015, 91, .	4.7	26
128	Fast gravitational wave radiometry using data folding. <i>Physical Review D</i> , 2015, 92, .	4.7	25
129	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A102.	5.1	25
130	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
131	CMB power spectrum estimation using noncircular beams. <i>Physical Review D</i> , 2004, 70, .	4.7	21
132	Astrophysical motivation for directed searches for a stochastic gravitational wave background. <i>Physical Review D</i> , 2014, 89, .	4.7	21
133	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A128.	5.1	20
134	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
135	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. <i>Astronomy and Astrophysics</i> , 2013, 557, A53.	5.1	19
136	Lock acquisition of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , 2008, 30, 29-38.	4.3	16
137	Gravitational wave burst search in the Virgo C7 data. <i>Classical and Quantum Gravity</i> , 2009, 26, 085009.	4.0	16
138	Multibaseline gravitational wave radiometry. <i>Physical Review D</i> , 2011, 83, .	4.7	15
139	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A132.	5.1	15
140	Component separation of an isotropic Gravitational Wave Background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 024-024.	5.4	15
141	Gravitational wave observatories may be able to detect hyperbolic encounters of black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5064-5073.	4.4	15
142	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
143	Unified mapmaking for an anisotropic stochastic gravitational wave background. <i>Physical Review D</i> , 2021, 103, .	4.7	12
144	Improving significance of binary black hole mergers in Advanced LIGO data using deep learning: Confirmation of GW151216. <i>Physical Review D</i> , 2021, 104, .	4.7	12

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145	All-sky, narrowband, gravitational-wave radiometry with folded data. <i>Physical Review D</i> , 2015, 91, .	4.7	10
146	Statistical isotropy violation in WMAP CMB maps resulting from non-circular beams. <i>Astronomy and Astrophysics</i> , 2016, 591, A97.	5.1	9
147	Non-circular beam correction to the CMB power spectrum. <i>New Astronomy Reviews</i> , 2006, 50, 1030-1035.	12.8	8
148	Noise studies during the first Virgo science run and after. <i>Classical and Quantum Gravity</i> , 2008, 25, 184003.	4.0	8
149	Laser with an in-loop relative frequency stability of 1.0×10^{-8} a 100-ms time scale for gravitational-wave detection. <i>Physical Review A</i> , 2009, 79, .	2.5	8
150	Cosmic microwave background power spectrum estimation with non-circular beam and incomplete sky coverage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1419-1439.	4.4	8
151	Stochastic gravitational wave background mapmaking using regularized deconvolution. <i>Physical Review D</i> , 2019, 100, .	4.7	8
152	Upper limits on persistent gravitational waves using folded data and the full covariance matrix from Advanced LIGO's first two observing runs. <i>Physical Review D</i> , 2021, 104, .	4.7	8
153	Orthogonal bipolar spherical harmonics measures: Scrutinizing sources of isotropy violation. <i>Physical Review D</i> , 2015, 91, .	4.7	7
154	Estimating statistical isotropy violation in CMB due to non-circular beam and complex scan in minutes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 035-035.	5.4	5
155	Hierarchical search strategy for the efficient detection of gravitational waves from nonprecessing coalescing compact binaries with aligned-spins. <i>Physical Review D</i> , 2019, 99, .	4.7	5
156	Effect of induced seismicity on advanced gravitational wave interferometers. <i>Classical and Quantum Gravity</i> , 2019, 36, 10LT01.	4.0	5
157	Effect of noncircularity of experimental beam on CMB parameter estimation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 048-048.	5.4	4
158	Jointly setting upper limits on multiple components of an anisotropic stochastic gravitational-wave background. <i>Physical Review D</i> , 2021, 104, .	4.7	4
159	Hierarchical search for compact binary coalescences in the Advanced LIGO's first two observing runs. <i>Physical Review D</i> , 2022, 105, .	4.7	4
160	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1
161	Working group report: Astroparticle and neutrino physics. <i>Pramana - Journal of Physics</i> , 2006, 67, 735-742.	1.8	0
162	Fast algorithm for the computation of the CMB polarization TE power spectrum using non-circular beam. <i>New Astronomy</i> , 2018, 64, 44-60.	1.8	0