A N Lasenby

List of Publications by Year
in descending order

469 papers	62,788 citations	2101 100 h-index	911 241 g-index
482 all docs	482 docs citations	482 times ranked	22743 citing authors

#	Article	IF	Citations
1	Note on the absence of the second clock effect in Weyl gauge theories of gravity. Physical Review D, 2022, 105, .	4.7	4
2	Improved cosmological fits with quantized primordial power spectra. Physical Review D, 2022, 105, .	4.7	2
3	Perturbations and the future conformal boundary. Physical Review D, 2022, 105, .	4.7	2
4	Nested sampling for physical scientists. Nature Reviews Methods Primers, 2022, 2, .	21.2	40
5	Conformally-rescaled Schwarzschild metrics do not predict flat galaxy rotation curves. European Physical Journal C, 2022, 82, .	3.9	4
6	Detection of spectral variations of Anomalous Microwave Emission with QUIJOTE and C-BASS. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2927-2943.	4.4	17
7	Exploring Novel Surface Representations via an Experimental Ray-Tracer in CGA. Advances in Applied Clifford Algebras, 2021, 31, 1.	1.0	2
8	28â€“40ÂGHz variability and polarimetry of bright compact sources in the QUIJOTE cosmological fields. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4779-4793.	4.4	1
9	Fresh perspective on gauging the conformal group. Physical Review D, 2021, 103, .	4.7	2
10	Bayesian evidence for the tensor-to-scalar ratio<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math>and neutrino masses<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>m</mml:mi></mml:mrow><mml:mrow><mml:mi>Î½</mml:mi></mm Effects of uniform versus logarithmic priors. Physical Review D, 2021, 103, .	4.7	21
11	Ghost- and tachyon-free Weyl gauge theories: A systematic approach. Physical Review D, 2021, 104, .	4.7	7
12	Conformal gravity does not predict flat galaxy rotation curves. Physical Review D, 2021, 104, .	4.7	12
13	Nonlinear Hamiltonian analysis of new quadratic torsion theories: Cases with curvature-free constraints. Physical Review D, 2021, 104, .	4.7	6
14	Mapping PoincarÃ© gauge cosmology to Horndeski theory for emergent dark energy. Physical Review D, 2020, 102, .	4.7	7
15	Weyl gauge theories of gravity do not predict a second clock effect. Physical Review D, 2020, 102, .	4.7	10
16	Systematic study of background cosmology in unitary PoincarÃ© gauge theories with application to emergent dark radiation and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>H</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math> tension. Physical Review D, 2020, 102, .	4.7	29
17	Optical validation and characterisation of <i>Planck</i> PSZ1 sources at the Canary Islands observatories. Astronomy and Astrophysics, 2020, 638, A146.	5.1	4
18	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A6.	5.1	6,722

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19	Power-counting renormalizable, ghost-and-tachyon-free PoincarÃ© gauge theories. Physical Review D, 2020, 101, .	4.7	17
20	Astrometric effects of gravitational wave backgrounds with nonluminal propagation speeds. Physical Review D, 2020, 101, .	4.7	9
21	A 1d Up Approach to Conformal Geometric Algebra: Applications in Line Fitting and Quantum Mechanics. Advances in Applied Clifford Algebras, 2020, 30, 1.	1.0	7
22	Quantum initial conditions for inflation and canonical invariance. Physical Review D, 2020, 102, .	4.7	5
23	Blueshifted absorption lines from X-ray reflection in IRASÂ13224â˘3809. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2518-2522.	4.4	14
24	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A11.	5.1	118
25	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A3.	5.1	158
26	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A2.	5.1	72
27	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A1.	5.1	804
28	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A4.	5.1	218
29	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A12.	5.1	105
30	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A8.	5.1	400
31	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A10.	5.1	1,261
32	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A7.	5.1	172
33	<i>Planck</i>2018 results. Astronomy and Astrophysics, 2020, 641, A9.	5.1	319
34	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	5.1	558
35	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	5.1	4
36	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 643, A42.	5.1	123

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37	Efficient method for solving highly oscillatory ordinary differential equations with applications to physical systems. Physical Review Research, 2020, 2, .	3.6	20
38	Case for kinetically dominated initial conditions for inflation. Physical Review D, 2019, 100, .	4.7	17
39	Geometric Algebra, Gravity and Gravitational Waves. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	5
40	Constraining the kinetically dominated universe. Physical Review D, 2019, 100, .	4.7	24
41	Calculating the Rotor Between Conformal Objects. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	13
42	Logolinear series expansions with applications to primordial cosmology. Physical Review D, 2019, 99, .	4.7	7
43	An alternative approach to modelling a cosmic void and its effect on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4081-4092.	4.4	9
44	Ray-Tracing Objects and Novel Surface Representations in CGA. Lecture Notes in Computer Science, 2019, , 578-584.	1.3	1
45	Sunyaevâ€“Zelâ€™dovich profile fitting with joint AMI-Planck analysis. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2116-2128.	4.4	4
46	Static energetics in gravity. Journal of Mathematical Physics, 2019, 60, 052504.	1.1	2
47	Ghost and tachyon free PoincarÃ© gauge theories: A systematic approach. Physical Review D, 2019, 99, .	4.7	28
48	<scp>nestcheck</scp>: diagnostic tests for nested sampling calculations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2044-2056.	4.4	29
49	Bayesian inflationary reconstructions from <i>Planck</i> 2018 data. Physical Review D, 2019, 100, .	4.7	20
50	Dynamic nested sampling: an improved algorithm for parameter estimation and evidence calculation. Statistics and Computing, 2019, 29, 891-913.	1.5	159
51	QUIJOTE scientific results â€“ III. Microwave spectrum of intensity and polarization in the Taurus Molecular Cloud complex and L1527. Monthly Notices of the Royal Astronomical Society, 2019, 486, 462-485.	4.4	8
52	Exploring cosmic origins with CORE: Survey requirements and mission design. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	5.4	98
53	Exploring cosmic origins with CORE: The instrument. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	5.4	25
54	Exploring cosmic origins with CORE: Inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	5.4	75

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55	Exploring cosmic origins with CORE: Cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	5.4	73
56	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 018-018.	5.4	29
57	Exploring cosmic origins with CORE: Cluster science. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 019-019.	5.4	17
58	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 020-020.	5.4	20
59	Exploring cosmic origins with CORE: Effects of observer peculiar motion. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	5.4	18
60	Exploring cosmic origins with CORE: Mitigation of systematic effects. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 022-022.	5.4	14
61	Exploring cosmic origins with CORE:<i>B</i>-mode component separation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 023-023.	5.4	44
62	Spherically-symmetric solutions in general relativity using a tetrad-based approach. General Relativity and Gravitation, 2018, 50, 1.	2.0	9
63	Towards a framework for testing general relativity with extreme-mass-ratio-inspiral observations. Monthly Notices of the Royal Astronomical Society, 2018, 478, 28-40.	4.4	16
64	Free-form modelling of galaxy clusters: a Bayesian and data-driven approach. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3853-3864.	4.4	5
65	Bayesian sparse reconstruction: a brute-force approach to astronomical imaging and machine learning. Monthly Notices of the Royal Astronomical Society, 2018, , .	4.4	7
66	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 619, A94.	5.1	18
67	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 617, A48.	5.1	22
68	Sampling Errors in Nested Sampling Parameter Estimation. Bayesian Analysis, 2018, 13, .	3.0	25
69	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 610, C1.	5.1	5
70	Optical validation and characterization of <i>Planck</i> PSZ1 sources at the Canary Islands observatories. Astronomy and Astrophysics, 2018, 616, A42.	5.1	20
71	Astrometric effects of gravitational wave backgrounds with non-Einsteinian polarizations. Physical Review D, 2018, 97, .	4.7	21
72	Constraining the dark energy equation of state using Bayes theorem and the Kullbackâ€“Leibler divergence. Monthly Notices of the Royal Astronomical Society, 2017, 466, 369-377.	4.4	32

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73	<i>Planck </i>intermediate results. Astronomy and Astrophysics, 2017, 599, A51.	5.1	46
74	QUIJOTE scientific results â€“ II. Polarisation measurements of the microwave emission in the Galactic molecular complexes W43 and W47 and supernova remnant W44. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4107-4132.	4.4	51
75	Geometric Algebra as a Unifying Language for Physics and Engineering and Its Use in the Study of Gravity. Advances in Applied Clifford Algebras, 2017, 27, 733-759.	1.0	7
76	Astrometric Search Method for Individually Resolvable Gravitational Wave Sources with Gaia. Physical Review Letters, 2017, 119, 261102.	7.8	53
77	<i>Planck </i>intermediate results. Astronomy and Astrophysics, 2017, 607, A95.	5.1	131
78	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2017, 607, A122.	5.1	24
79	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A140.	5.1	89
80	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A134.	5.1	48
81	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A28.	5.1	134
82	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A7.	5.1	94
83	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A10.	5.1	384
84	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A23.	5.1	89
85	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A12.	5.1	117
86	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
87	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A132.	5.1	109
88	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A6.	5.1	62
89	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A2.	5.1	79
90	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A8.	5.1	209

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91	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A9.	5.1	182
92	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	5.1	55
93	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	5.1	44
94	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A5.	5.1	55
95	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A4.	5.1	56
96	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A18.	5.1	69
97	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A21.	5.1	114
98	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A3.	5.1	53
99	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A19.	5.1	273
100	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A16.	5.1	338
101	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
102	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A101.	5.1	24
103	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A105.	5.1	47
104	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
105	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A138.	5.1	270
106	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
107	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A108.	5.1	375
108	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568

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109	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
110	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153
111	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A103.	5.1	89
112	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	5.1	173
113	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A137.	5.1	27
114	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A109.	5.1	185
115	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
116	Scale-invariant gauge theories of gravity: Theoretical foundations. Journal of Mathematical Physics, 2016, 57, .	1.1	22
117	Novel quantum initial conditions for inflation. Physical Review D, 2016, 94, .	4.7	22
118	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A22.	5.1	274
119	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A106.	5.1	23
120	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	5.1	25
121	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A104.	5.1	36
122	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A110.	5.1	64
123	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A135.	5.1	109
124	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
125	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A26.	5.1	182
126	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 596, A107.	5.1	359

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127	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2016, 586, A139.	5.1	32
128	Friedmannâ€“Robertsonâ€“Walker models do not require zero active mass. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 460, L119-L122.	3.3	11
129	Bayesian model selection without evidences: application to the dark energy equation-of-state. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2461-2473.	4.4	43
130	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
131	<i>Planck</i>2015 results. Astronomy and Astrophysics, 2016, 594, A11.	5.1	613
132	QUIJOTE Experiment: status of telescopes and instrumentation. Proceedings of SPIE, 2016, , .	0.8	3
133	QUIJOTE scientific results â€“ I. Measurements of the intensity and polarisation of the anomalous microwave emission in the Perseus molecular complex. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4169-4182.	4.4	58
134	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	5.1	80
135	<i>Planck</i>intermediate results. XXVI. Optical identification and redshifts of<i>Planck</i>clusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	5.1	46
136	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 582, A30.	5.1	72
137	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	5.1	59
138	<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
139	polychord: next-generation nested sampling. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4385-4399.	4.4	285
140	Comparison of Sunyaev-Zelâ€™dovich measurements from<i>Planck</i>and from the Arcminute Microkelvin Imager for 99 galaxy clusters. Astronomy and Astrophysics, 2015, 580, A95.	5.1	19
141	<i>Planck</i>intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	5.1	296
142	<i>Planck</i>intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. Astronomy and Astrophysics, 2015, 576, A105.	5.1	119
143	<i>Planck</i>intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. Astronomy and Astrophysics, 2015, 576, A106.	5.1	68
144	<i>Planck</i>intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	5.1	13

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145	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	5.1	37
146	<i>Planck</i>intermediate results. XXII. Frequency dependence of thermalâ€‰emissionâ€‰fromâ€‰Galacticâ€‰dustâ€‰inâ€‰intensity and polarization. Astronomy and Astrophysics, 2015, 576, A107.	5.1	125
147	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2015, 582, A28.	5.1	33
148	Joint Analysis of BICEP2/<i>Keck Array</i>and<i>Planck</i>Data. Physical Review Letters, 2015, 114, 101301.	7.8	819
149	Astrophysical black holes. , 2015, , 7-66.		1
150	<scp>polychord</scp>: nested sampling for cosmology. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 450, L61-L65.	3.3	265
151	<i>Planck</i>2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90
152	<i>Planck</i>2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	5.1	103
153	<i>Planck</i>2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	5.1	68
154	<i>Planck</i>2013 results. XXXI. Consistency of the<i>Planck</i>data. Astronomy and Astrophysics, 2014, 571, A31.	5.1	69
155	<i>Planck</i>2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	5.1	67
156	<i>Planck</i>2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	5.1	170
157	<i>Planck</i>intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	5.1	67
158	<i>Planck</i>2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	5.1	54
159	<i>Planck</i>2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	5.1	216
160	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2014, 566, A54.	5.1	80
161	<i>Planck</i>2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	5.1	144
162	<i>Planck</i>2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566

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163	QUIJOTE-CMB experiment: a technical overview. Proceedings of SPIE, 2014, , .	0.8	1
164	SkyNet: an efficient and robust neural network training tool for machine learning in astronomy. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1741-1759.	4.4	76
165	Kinetic initial conditions for inflation. Physical Review D, 2014, 89, .	4.7	46
166	<i>Planck</i>2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	5.1	948
167	Interplay between cosmological expansion and massive objects. Journal of Physics: Conference Series, 2014, 484, 012044.	0.4	0
168	<i>Planck</i>2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	5.1	210
169	<i>Planck</i>2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	5.1	223
170	<i>Planck</i>intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. Astronomy and Astrophysics, 2014, 564, A45.	5.1	55
171	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	5.1	134
172	<i>Planck</i>2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	5.1	364
173	<i>Planck</i>2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	5.1	465
174	<i>Planck</i>2013 results. XXI. Power spectrum and high-order statistics of the<i>Planck</i>all-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	5.1	133
175	<i>Planck</i>2013 results. XXIX. The<i>Planck</i>catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	5.1	380
176	<i>Planck</i>2013 results. XXVIII. The<i>Planck</i>Catalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	5.1	162
177	<i>Planck</i>2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	5.1	126
178	<i>Planck</i>2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	5.1	129
179	<i>Planck</i>2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	5.1	367
180	<i>Planck</i>2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	5.1	99

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181	<i>Planck</i>2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	5.1	107
182	<i>Planck</i>2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	5.1	116
183	<i>Planck</i>2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	5.1	41
184	<i>Planck</i>2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
185	<i>Planck</i>2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	5.1	74
186	<i>Planck</i>intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
187	Machine-learning in astronomy. Proceedings of the International Astronomical Union, 2014, 10, 279-287.	0.0	5
188	<i>Planck</i>2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
189	<i>Planck</i>2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
190	<i>Planck</i>2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
191	<i>Planck</i>2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
192	Bayesian analysis of anisotropic cosmologies: Bianchi VIIh and WMAP. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3680-3694.	4.4	19
193	AMI SZ observations and Bayesian analysis of a sample of six redshift-one clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 431, 900-911.	4.4	7
194	A joint analysis of AMI and CARMA observations of the recently discovered SZ galaxy cluster system AMI-CL J0300+2613. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2036-2046.	4.4	8
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