

# Mathieu Remazeilles

## List of Publications by Citations

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179  
papers

33,574  
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76  
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182  
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40,341  
ext. citations

4.8  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
179	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A13	5.1	6658
178	Planck2013 results. XVI. Cosmological parameters. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A16	5.1	3909
177	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A6	5.1	2476
176	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A20	5.1	1045
175	Planck2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A1	5.1	756
174	Planck2013 results. XXII. Constraints on inflation. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A22	5.1	696
173	Joint analysis of BICEP2/keck array and Planck Data. <i>Physical Review Letters</i> , <b>2015</b> , 114, 101301	7.4	691
172	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A1	5.1	596
171	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A11	5.1	546
170	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A10	5.1	473
169	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A14	5.1	461
168	Planck2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A11	5.1	446
167	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A24	5.1	416
166	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A17	5.1	397
165	Planck2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A20	5.1	394
164	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A27	5.1	369
163	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 056-056	6.4	325

162	Planck2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A15	5.1	325
161	Planck2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A29	5.1	324
160	Planck2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A23	5.1	320
159	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A108	5.1	318
158	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A1	5.1	316
157	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A15	5.1	315
156	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A107	5.1	302
155	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A24	5.1	295
154	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A10	5.1	295
153	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A16	5.1	286
152	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A131	5.1	236
151	Planck2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A17	5.1	233
150	Planck intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A104	5.1	231
149	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A5	5.1	229
148	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A19	5.1	220
147	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A22	5.1	206
146	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A138	5.1	205
145	Planck2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A12	5.1	185

144	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A8	5.1	181
143	Planck2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A25	5.1	176
142	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A8	5.1	173
141	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A30	5.1	171
140	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A9	5.1	163
139	Planckearly results. XVIII. The power spectrum of cosmic infrared background anisotropies. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 536, A18	5.1	161
138	An improved source-subtracted and destriped 408-MHz all-sky map. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 4311-4327	4.3	154
137	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A26	5.1	149
136	Planck2013 results. XXVIII. ThePlanckCatalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A28	5.1	145
135	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A133	5.1	140
134	Planck2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A13	5.1	135
133	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A9	5.1	129
132	Planck2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A19	5.1	117
131	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 557, A52	5.1	117
130	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A25	5.1	117
129	LiteBIRD: A Satellite for the Studies of B-Mode Polarization and Inflation from Cosmic Background Radiation Detection. <i>Journal of Low Temperature Physics</i> , <b>2019</b> , 194, 443-452	1.3	115
128	Planck2013 results. XXI. Power spectrum and high-order statistics of thePlanckall-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A21	5.1	114
127	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A109	5.1	114

126	Planck early results. VI. The High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 536, A6	5.1	112
125	Planck 2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A28	5.1	111
124	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 006-006	6.4	107
123	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 566, A55	5.1	105
122	Planck intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A107	5.1	105
121	Planck 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A9	5.1	104
120	Planck 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A8	5.1	102
119	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A4	5.1	102
118	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 607, A95	5.1	100
117	Planck intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A105	5.1	100
116	Planck 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A18	5.1	99
115	CMB and SZ effect separation with constrained Internal Linear Combinations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 410, 2481-2487	4.3	99
114	Planck 2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A12	5.1	95
113	Planck 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A6	5.1	94
112	Planck 2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A21	5.1	93
111	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A132	5.1	86
110	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A3	5.1	85
109	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A135	5.1	83

108	Planck2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A14	5.1	82
107	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A7	5.1	82
106	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A140	5.1	80
105	Planck2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A26	5.1	78
104	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A7	5.1	78
103	Planck2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A7	5.1	76
102	Foreground component separation with generalized Internal Linear Combination. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 418, 467-476	4.3	76
101	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A134	5.1	74
100	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A140	5.1	74
99	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A23	5.1	73
98	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 561, A97	5.1	72
97	Planck2013 results. XXXII. The updatedPlanckcatalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 581, A14	5.1	69
96	Exploring cosmic origins with CORE: Survey requirements and mission design. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 014-014	6.4	68
95	The LiteBIRD Satellite Mission: Sub-Kelvin Instrument. <i>Journal of Low Temperature Physics</i> , <b>2018</b> , 193, 1048-1056	1.3	68
94	Planck2013 results. XXXI. Consistency of thePlanckdata. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A31	5.1	65
93	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A11	5.1	64
92	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A2	5.1	64
91	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A136	5.1	63

90	Planck2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A2	5.1	62
89	Planck2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A10	5.1	62
88	Planck2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A5	5.1	61
87	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 566, A54	5.1	60
86	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A22	5.1	59
85	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A18	5.1	58
84	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A129	5.1	57
83	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A103	5.1	57
82	Planckintermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A106	5.1	56
81	Planckintermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 565, A103	5.1	56
80	Exploring cosmic origins with CORE: Cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 017-017	6.4	54
79	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A6	5.1	53
78	Exploring cosmic origins with CORE: Inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 016-016	6.4	52
77	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A30	5.1	52
76	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A5	5.1	51
75	Sensitivity and foreground modelling for large-scale cosmic microwave background B-mode polarization satellite missions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 2032-2050	4.3	49
74	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A31	5.1	49
73	Planck2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A3	5.1	49

72	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 543, A102	5.1	48
71	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A12	5.1	47
70	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A3	5.1	47
69	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A4	5.1	46
68	Planckintermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 564, A45	5.1	45
67	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. <i>Journal of Low Temperature Physics</i> , <b>2020</b> , 199, 1107-1117	1.3	43
66	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A110	5.1	42
65	Planckintermediate results. XXVI. Optical identification and redshifts of Planckclusters with the RTT150 telescope. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A29	5.1	41
64	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A134	5.1	40
63	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A105	5.1	39
62	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 599, A51	5.1	38
61	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A2	5.1	38
60	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A141	5.1	38
59	Planck2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A4	5.1	36
58	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A130	5.1	36
57	Simulations for single-dish intensity mapping experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 3240-3253	4.3	35
56	Extracting H i cosmological signal with generalized needlet internal linear combination. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 2749-2765	4.3	34
55	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A42	5.1	34



54	Exploring cosmic origins with CORE:B-mode component separation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 023-023	6.4	33
53	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A100	5.1	31
52	CMB lensing reconstruction in real space. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	30
51	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A13	5.1	28
50	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A104	5.1	27
49	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A139	5.1	26
48	Reconstruction of high-resolution SunyaevZeldovich maps from heterogeneous data sets using needlets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 430, 370-385	4.3	26
47	Can we neglect relativistic temperature corrections in thePlanckthermal SZ analysis?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 3459-3464	4.3	25
46	Cosmological parameter forecasts for H i intensity mapping experiments using the angular power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 4242-4256	4.3	25
45	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A28	5.1	25
44	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A106	5.1	21
43	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A137	5.1	21
42	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 018-018	6.4	20
41	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A102	5.1	20
40	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A128	5.1	20
39	Impact of calibration errors on CMB component separation using FastICA and ILC. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 401, 1602-1612	4.3	19
38	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 020-020	6.4	18
37	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 607, A122	5.1	17

36	PACT. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, A47	5.1	16
35	Exploring cosmic origins with CORE: The instrument. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 015-015	6.4	15
34	Exploring cosmic origins with CORE: Cluster science. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 019-019	6.4	15
33	Concept design of the LiteBIRD satellite for CMB B-mode polarization <b>2018</b> ,		15
32	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A101	5.1	15
31	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 619, A94	5.1	15
30	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 617, A48	5.1	15
29	Measurement of the pairwise kinematic Sunyaev-Zeldovich effect with Planck and BOSS data. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	13
28	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A132	5.1	13
27	Mapping the relativistic electron gas temperature across the sky. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 5734-5750	4.3	12
26	Exploring cosmic origins with CORE: Effects of observer peculiar motion. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 021-021	6.4	12
25	Planckintermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A6	5.1	12
24	Exploring cosmic origins with CORE: Mitigation of systematic effects. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 022-022	6.4	11
23	New horizons in cosmology with spectral distortions of the cosmic microwave background. <i>Experimental Astronomy</i> , <b>2021</b> , 51, 1515	1.3	11
22	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 54	4.7	9
21	Extracting foreground-obscured $E$ distortion anisotropies to constrain primordial non-Gaussianity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 807-824	4.3	9
20	Peeling off foregrounds with the constrained moment ILC method to unveil primordial CMB B modes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 2478-2498	4.3	8
19	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 644, A100	5.1	7

18	Evidence of intense hot ( $\sim 340$ K) dust emission in 3CR radio galaxies. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 433, 73-77	5.1	7
17	Joint Bayesian estimation of tensor and lensing B modes in the power spectrum of CMB polarization data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 3889-3897	4.3	6
16	Microwave spectro-polarimetry of matter and radiation across space and time. <i>Experimental Astronomy</i> , 1	1.3	5
15	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, C1	5.1	4
14	Impact of SZ cluster residuals in CMB maps and CMB $\kappa$ SS cross-correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 4239-4252	4.3	4
13	Concept Study of Optical Configurations for High-Frequency Telescope for LiteBIRD. <i>Journal of Low Temperature Physics</i> , <b>2018</b> , 193, 841-850	1.3	3
12	Dissipation and nonlocality in a general expanding braneworld universe. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	2
11	In-flight polarization angle calibration for LiteBIRD: blind challenge and cosmological implications. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 039	6.4	2
10	Simons Observatory: Constraining inflationary gravitational waves with multitracer B -mode delensing. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	2
9	Removing the giants and learning from the crowd: A new SZ power spectrum method and revised Compton $\gamma$ -map analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 5310-5328	4.3	2
8	Intensity Mapping Foreground Cleaning with Generalized Needlet Internal Linear Combination. <i>Proceedings of the International Astronomical Union</i> , <b>2017</b> , 12, 288-291	0.1	1
7	Foreground maps in Wilkinson Microwave Anisotropy Probe frequency bands. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , no-no	4.3	1
6	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 644, A99	5.1	1
5	PACT. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 651, A73	5.1	1
4	A space mission to map the entire observable universe using the CMB as a backlight. <i>Experimental Astronomy</i> , <b>2021</b> , 51, 1555	1.3	0
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2	Relativistic SZ maps and electron gas temperature spectroscopy. <i>EPJ Web of Conferences</i> , <b>2022</b> , 257, 00040	0.3	
1	Baryon Acoustic Oscillations from Integrated Neutral Gas Observations: an instrument to observe the 21cm hydrogen line in the redshift range 0.13 Anais Da Academia Brasileira De Ciencias, <b>2021</b> , 93, e20201096	1.4	

