Enrique Martinez-Gonzalez

List of Publications by Year
in descending order

291	42,898	3334 91	2078 204
papers	citations	h-index	g-index

294	294	294	19634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
2	Planck2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
3	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
4	Planck2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	5.1	948
5	Joint Analysis of BICEP2/Keck ArrayandPlanckData. Physical Review Letters, 2015, 114, 101301.	7.8	819
6	Planck2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
7	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
8	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A11.	5.1	613
9	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568
10	Planck2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566
11	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
12	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
13	Planck2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	5.1	465
14	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
15	Detection of Nonâ€Gaussianity in theWilkinson Microwave Anisotropy ProbeFirstâ€Year Data Using Spherical Wavelets. Astrophysical Journal, 2004, 609, 22-34.	4.5	401
16	Planckearly results. I. ThePlanckmission. Astronomy and Astrophysics, 2011, 536, A1.	5.1	394
17	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A10.	5.1	384
18	Planck2013 results. XXIX. ThePlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	5.1	380

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19	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A108.	5.1	375
20	Planck2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	5.1	367
21	Planck2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	5.1	364
22	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
23	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A107.	5.1	359
24	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
25	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A16.	5.1	338
26	Planckearly results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	5.1	335
27	Planckearly results. XIX. All-sky temperature and dust optical depth fromPlanckand IRAS. Constraints on the â€œdark gasâ€•in our Galaxy. Astronomy and Astrophysics, 2011, 536, A19.	5.1	314
28	Planckintermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	5.1	296
29	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A131.	5.1	276
30	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A22.	5.1	274
31	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A19.	5.1	273
32	Planck2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
33	Detection of a non-Gaussian spot in WMAP. Monthly Notices of the Royal Astronomical Society, 2005, 356, 29-40.	4.4	270
34	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A138.	5.1	270
35	Planckpre-launch status: ThePlanckmission. Astronomy and Astrophysics, 2010, 520, A1.	5.1	268
36	Planckearly results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	5.1	224

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37	Planck2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	5.1	223
38	Planck2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	5.1	216
39	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	5.1	210
40	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A8.	5.1	209
41	Component separation methods for the PLANCK mission. Astronomy and Astrophysics, 2008, 491, 597-615.	5.1	189
42	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A109.	5.1	185
43	Planckearly results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	5.1	184
44	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A9.	5.1	182
45	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A26.	5.1	182
46	Planckearly results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	5.1	180
47	Planckearly results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	5.1	179
48	The Nonâ€Gaussian Cold Spot in the 3 YearWilkinson Microwave Anisotropy ProbeData. Astrophysical Journal, 2007, 655, 11-20.	4.5	175
49	Planckearly results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	5.1	174
50	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A133.	5.1	173
51	Planck2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	5.1	170
52	Planck2013 results. XXVIII. ThePlanckCatalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	5.1	162
53	Planckearly results. XX. New light on anomalous microwave emission from spinning dust grains. Astronomy and Astrophysics, 2011, 536, A20.	5.1	155
54	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153

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55	Planckearly results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	5.1	152
56	The non-Gaussian cold spot in Wilkinsonâ€ƒMicrowaveâ€ƒAnisotropyâ€ƒProbe: significance, morphology and foreground contribution. Monthly Notices of the Royal Astronomical Society, 2006, 369, 57-67.	4.4	145
57	Planck2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	5.1	144
58	Planckintermediate results. Astronomy and Astrophysics, 2013, 557, A52.	5.1	141
59	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	5.4	138
60	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	5.1	134
61	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A28.	5.1	134
62	Planck2013 results. XXI. Power spectrum and high-order statistics of thePlanckall-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	5.1	133
63	Planck intermediate results. Astronomy and Astrophysics, 2017, 607, A95.	5.1	131
64	Planck2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	5.1	129
65	Planckintermediate results. XXII. Frequency dependence of thermalâ€‰emissionâ€‰fromâ€‰Galacticâ€‰dustâ€‰inâ€‰intensity and polarization. Astronomy and Astrophysics, 2015, 576 A107.	5.1	128
66	Planck2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	5.1	126
67	Planckearly results. IX.XMM-Newtonfollow-up for validation ofPlanckcluster candidates. Astronomy and Astrophysics, 2011, 536, A9.	5.1	126
68	A Cosmic Microwave Background Feature Consistent with a Cosmic Texture. Science, 2007, 318, 1612-1614.	12.6	125
69	Planckpre-launch status: Design and description of the Low Frequency Instrument. Astronomy and Astrophysics, 2010, 520, A4.	5.1	125
70	Planckearly results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	5.1	124
71	Planckearly results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	5.1	123
72	Planckearly results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	5.1	119

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73	Planckintermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. Astronomy and Astrophysics, 2015, 576, A105.	5.1	119
74	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A12.	5.1	117
75	Planck2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	5.1	116
76	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A21.	5.1	114
77	Filtering techniques for the detection of Sunyaev-Zel'dovich clusters in multifrequency maps. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1057-1068.	4.4	112
78	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A132.	5.1	109
79	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A135.	5.1	109
80	Planckearly results. III. First assessment of the Low Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A3.	5.1	108
81	Cross-correlation of the cosmic microwave background and radio galaxies in real, harmonic and wavelet spaces: detection of the integrated Sachs-Wolfe effect and dark energy constraints. Monthly Notices of the Royal Astronomical Society, 2006, 365, 891-901.	4.4	107
82	Planck2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	5.1	107
83	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A139.	5.1	106
84	Planckearly results. XIII. Statistical properties of extragalactic radio sources in thePlanckEarly Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	5.1	103
85	Planck2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	5.1	103
86	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A140.	5.1	101
87	Planckearly results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	5.1	100
88	Planck2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	5.1	99
89	Exploring cosmic origins with CORE: Survey requirements and mission design. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	5.4	98
90	Detection of the integrated Sachs-Wolfe effect and corresponding dark energy constraints made with directional spherical wavelets. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1211-1226.	4.4	96

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91	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A134.	5.1	94
92	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A7.	5.1	94
93	Planckearly results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	5.1	93
94	The performance of spherical wavelets to detect non-Gaussianity in the cosmic microwave background sky. Monthly Notices of the Royal Astronomical Society, 2002, 336, 22-32.	4.4	91
95	Planckearly results. II. The thermal performance ofPlanck. Astronomy and Astrophysics, 2011, 536, A2.	5.1	91
96	Planck2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
97	Planck2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90
98	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A140.	5.1	89
99	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A23.	5.1	89
100	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A103.	5.1	89
101	Planckearly results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	5.1	88
102	High-frequency predictions for number counts and spectral properties of extragalactic radio sources. New evidence of a break at mm wavelengths in spectra of bright blazar sources. Astronomy and Astrophysics, 2011, 533, A57.	5.1	83
103	Isotropic wavelets: a powerful tool to extract point sources from cosmic microwave background maps. Monthly Notices of the Royal Astronomical Society, 2000, 315, 757-761.	4.4	82
104	Planckpre-launch status: ThePlanck-LFI programme. Astronomy and Astrophysics, 2010, 520, A3.	5.1	81
105	Planckintermediate results. Astronomy and Astrophysics, 2014, 566, A54.	5.1	80
106	Planckintermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
107	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A22.	5.1	80
108	Planck2013 results. XXXII. The updatedPlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	5.1	80

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109	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A2.	5.1	79
110	LiteBIRD satellite: JAXA's new strategic L-class mission for all-sky surveys of cosmic microwave background polarization. , 2020, , .		79
111	Planckearly results. V. The Low Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A5.	5.1	77
112	The ROSAT International X-ray/Optical Survey (RIXOS): source catalogue. Monthly Notices of the Royal Astronomical Society, 2000, 311, 456-484.	4.4	75
113	Exploring cosmic origins with CORE: Inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	5.4	75
114	Predictions on the high-frequency polarization properties of extragalactic radio sources and implications for polarization measurements of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1267-1277.	4.4	74
115	Limits on the detectability of the CMB B-mode polarization imposed by foregrounds. Monthly Notices of the Royal Astronomical Society, 2005, 360, 935-949.	4.4	74
116	Planckearly results. XVI. ThePlanckview of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	5.1	74
117	Planck2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	5.1	74
118	The CMB cold spot: texture, cluster or void?. Monthly Notices of the Royal Astronomical Society, 2008, 390, 913-919.	4.4	73
119	Exploring cosmic origins with CORE: Cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	5.4	73
120	Planckearly results. XXVI. Detection withPlanckand confirmation byXMM-Newtonof PLCKÂG266.6â€“27.3, an exceptionally X-ray luminous and massive galaxy cluster atzÂ~Â 1. Astronomy and Astrophysics, 2011, 536, A26.	5.1	72
121	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A30.	5.1	72
122	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
123	Anisotropies in the microwave sky due to nonlinear structures. Astrophysical Journal, 1990, 355, L5.	4.5	71
124	Planck2013 results. XXXI. Consistency of thePlanckdata. Astronomy and Astrophysics, 2014, 571, A31.	5.1	69
125	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A18.	5.1	69
126	Point source detection using the Spherical Mexican Hat Wavelet on simulated all-skyPlanckmaps. Monthly Notices of the Royal Astronomical Society, 2003, 344, 89-104.	4.4	68

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127	Planck2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	5.1	68
128	Planckintermediate 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
129	Planck2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	5.1	67
130	Planckintermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	5.1	67
131	Spherical Mexican hat wavelet: an application to detect non-Gaussianity in theCOBE-DMR maps. Monthly Notices of the Royal Astronomical Society, 2001, 326, 1243-1248.	4.4	66
132	Multiresolution internal template cleaning: an application to the Wilkinson Microwave Anisotropy Probe 7-yr polarization data. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2162-2169.	4.4	65
133	Global Universe Anisotropy Probed by the Alignment of Structures in the Cosmic Microwave Background. Physical Review Letters, 2006, 96, 151303.	7.8	64
134	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A110.	5.1	64
135	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A129.	5.1	63
136	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A6.	5.1	62
137	Planckearly results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.	5.1	61
138	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A31.	5.1	59
139	Predicted Planck extragalactic point-source catalogue. Monthly Notices of the Royal Astronomical Society, 2001, 326, 181-191.	4.4	58
140	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
141	Optimal Detection of Sources on a Homogeneous and Isotropic Background. Astrophysical Journal, 2001, 552, 484-492.	4.5	56
142	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A4.	5.1	56
143	Planckintermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. Astronomy and Astrophysics, 2014, 564, A45.	5.1	55
144	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A141.	5.1	55

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145	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A5.	5.1	55
146	Planck2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	5.1	54
147	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A3.	5.1	53
148	Combining maximum-entropy and the Mexican hat wavelet to reconstruct the microwave sky. Monthly Notices of the Royal Astronomical Society, 2001, 328, 1-16.	4.4	52
149	Cosmological Applications of a Wavelet Analysis on the Sphere. Journal of Fourier Analysis and Applications, 2007, 13, 495-510.	1.0	52
150	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A133.	5.1	52
151	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
152	Scaleâ€adaptive Filters for the Detection/Separation of Compact Sources. Astrophysical Journal, 2002, 580, 610-625.	4.5	50
153	A low cosmic microwave background variance in the Wilkinson Microwave Anisotropy Probe data. Monthly Notices of the Royal Astronomical Society, 2008, 387, 209-219.	4.4	50
154	Planckintermediate results. Astronomy and Astrophysics, 2012, 543, A102.	5.1	50
155	Statistics of extreme objects in the Juropa Hubble Volume simulationâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 437, 3776-3786.	4.4	48
156	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A134.	5.1	48
157	Alignment and signed-intensity anomalies in Wilkinson Microwave Anisotropy Probe data. Monthly Notices of the Royal Astronomical Society, 2007, 381, 932-942.	4.4	47
158	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A105.	5.1	47
159	Planckintermediate results. XXVI. Optical identification and redshifts ofPlanckclusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	5.1	46
160	Planck intermediate results. Astronomy and Astrophysics, 2017, 599, A51.	5.1	46
161	COBEâ€”DMR constraints on the non-linear coupling parameter: a wavelet based method. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1189-1194.	4.4	45
162	The QUIJOTE-CMB experiment: studying the polarisation of the galactic and cosmological microwave emissions. Proceedings of SPIE, 2012, , .	0.8	44

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163	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A100.	5.1	44
164	Exploring cosmic origins with CORE:B-mode component separation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 023-023.	5.4	44
165	Cosmic microwave background power spectrum estimation and map reconstruction with the expectation-maximization algorithm. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1101-1109.	4.4	41
166	Planck2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	5.1	41
167	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A13.	5.1	37
168	Wavelets applied to cosmic microwave background maps: a multiresolution analysis for denoising. Monthly Notices of the Royal Astronomical Society, 1999, 309, 672-680.	4.4	36
169	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A130.	5.1	36
170	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A104.	5.1	36
171	Anomalous variance in the WMAP data and Galactic foreground residuals. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2383-2390.	4.4	35
172	IMPROVED CONSTRAINTS ON PRIMORDIAL NON-GAUSSIANITY FOR THEWILKINSON MICROWAVE ANISOTROPY PROBE5-YEAR DATA. Astrophysical Journal, 2009, 706, 399-403.	4.5	34
173	The Optical/IR Counterpart of the 1998 July 3 Gamma-Ray Burst and Its Evolution. Astrophysical Journal, 1999, 511, L85-L88.	4.5	33
174	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A28.	5.1	33
175	Searching for a dipole modulation in the large-scale structure of the Universe. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2392-2397.	4.4	32
176	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A139.	5.1	32
177	Wilkinson Microwave Anisotropy Probe5-yr constraints onfnlwith wavelets. Monthly Notices of the Royal Astronomical Society, 2009, 393, 615-622.	4.4	31
178	Partition function based analysis of cosmic microwave background maps. Monthly Notices of the Royal Astronomical Society, 1999, 306, 427-436.	4.4	30
179	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 018-018.	5.4	29
180	Primordial shear and the question of inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 167, 37-42.	4.1	28

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181	Photometry and Spectroscopy of the GRB 970508 Optical Counterpart. Science, 1998, 279, 1011-1014.	12.6	28
182	A Bayesian non-parametric method to detect clusters in Planck data. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1351-1363.	4.4	28
183	The Jubilee ISW project â€“ I. Simulated ISW and weak lensing maps and initial power spectra results. Monthly Notices of the Royal Astronomical Society, 2014, 438, 412-425.	4.4	28
184	The QUIJOTE CMB Experiment. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 127-135.	0.3	28
185	Comparing filters for the detection of point sources. Monthly Notices of the Royal Astronomical Society, 2003, 342, 119-133.	4.4	27
186	Non-Gaussianity analysis on local morphological measures of WMAP data. Monthly Notices of the Royal Astronomical Society, 2008, 385, 939-947.	4.4	27
187	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A137.	5.1	27
188	Geometrical estimators as a test of Gaussianity in the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2001, 322, 411-418.	4.4	26
189	Quasar--galaxy associations revisited. Monthly Notices of the Royal Astronomical Society, 2001, 320, 241-248.	4.4	25
190	Constraining our Universe with X-ray and optical cluster data. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1533-1545.	4.4	25
191	Planckpre-launch status: Low Frequency Instrument calibration and expected scientific performance. Astronomy and Astrophysics, 2010, 520, A5.	5.1	25
192	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A102.	5.1	25
193	Exploring cosmic origins with CORE: The instrument. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	5.4	25
194	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A101.	5.1	24
195	Planckintermediate results. Astronomy and Astrophysics, 2017, 607, A122.	5.1	24
196	Steerable wavelet analysis of CMB structures alignment. New Astronomy Reviews, 2006, 50, 880-888.	12.8	23
197	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A106.	5.1	23
198	Peaks in the Cosmic Microwave Background: Flat versus Open Models. Astrophysical Journal, 1997, 478, 1-6.	4.5	22

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199	Planck intermediate results. Astronomy and Astrophysics, 2018, 617, A48.	5.1	22
200	Weak lensing correlations in open and flat universes. Monthly Notices of the Royal Astronomical Society, 1997, 291, 418-424.	4.4	21
201	The Sunyaev-Zel'dovich effect as a cosmological discriminator. Monthly Notices of the Royal Astronomical Society, 2002, 331, 556-568.	4.4	21
202	An optimal estimator for the CMB-LSS angular power spectrum and its application to WMAP and NVSS data. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3044-3054.	4.4	21
203	Gravitational lensing and the cosmic microwave background. Astrophysical Journal, 1993, 403, 471.	4.5	21
204	Minimal anisotropies in the cosmic microwave background. Physical Review D, 1992, 46, 4193-4197.	4.7	20
205	Largeâ€Scale QSOâ€Galaxy Correlations for Radioâ€loud and Optically Selected QSO Samples. Astrophysical Journal, 1997, 477, 27-35.	4.5	20
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