

Jose Diego

List of Publications by Year in descending order

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252
papers

49,763
citations

3721

89
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1413

221
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256
docs citations

256
times ranked

20868
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly magnified star at redshift 6.2. <i>Nature</i> , 2022, 603, 815-818.	13.7	53
2	Microlensing and the type Ia supernova iPTF16geu. <i>Astronomy and Astrophysics</i> , 2022, 662, A34.	2.1	4
3	Possible Ongoing Merger Discovered by Photometry and Spectroscopy in the Field of the Galaxy Cluster PLCK G165.7+67.0. <i>Astrophysical Journal</i> , 2022, 932, 85.	1.6	9
4	Multiwavelength view of SPT-CL J2106-5844. <i>Astronomy and Astrophysics</i> , 2021, 650, A153.	2.1	5
5	Impact of astrophysical binary coalescence time-scales on the rate of lensed gravitational wave events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3751-3759.	1.6	21
6	Inferring the lensing rate of LIGO–Virgo sources from the stochastic gravitational wave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2451-2466.	1.6	26
7	Evidence for lensing of gravitational waves from LIGO-Virgo data. <i>Physical Review D</i> , 2021, 104, .	1.6	16
8	Redshift Determinations from a Self-consistent Grid-based Lens Model for the Hubble Frontiers Field Cluster RXC J2248.7+4431 (AS1063). <i>Astrophysical Journal</i> , 2020, 888, 35.	1.6	2
9	Constraining the abundance of dark matter in the central region of the galaxy cluster MACS J1206.2+0847 with a free-form strong lensing analysis. <i>Astronomy and Astrophysics</i> , 2020, 639, A125.	2.1	1
10	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A6.	2.1	6,722
11	The BUFFALO HST Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 64.	3.0	57
12	Constraining the abundance of primordial black holes with gravitational lensing of gravitational waves at LIGO frequencies. <i>Physical Review D</i> , 2020, 101, .	1.6	49
13	Setting the scene for BUFFALO: a study of the matter distribution in the HFF galaxy cluster MACS J0416.1+2403 and its parallel field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 349-362.	1.6	4
14	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A11.	2.1	118
15	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A3.	2.1	158
16	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A2.	2.1	72
17	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A1.	2.1	804
18	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A4.	2.1	218

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19	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A12.	2.1	105
20	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A8.	2.1	400
21	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A10.	2.1	1,261
22	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A7.	2.1	172
23	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	2.1	558
24	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	2.1	4
25	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A100.	2.1	20
26	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 643, A42.	2.1	123
27	Constraining the cross-section of dark matter with giant radial arcs in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 500, 247-258.	1.6	15
28	Geometric Support for Dark Matter by an Unaligned Einstein Ring in A3827. Astrophysical Journal, 2020, 898, 81.	1.6	5
29	Free-form Lens Model and Mass Estimation of the High-redshift Galaxy Cluster ACT-CL J0102-4915, â€œEl Gordoâ€•. Astrophysical Journal, 2020, 904, 106.	1.6	14
30	A Strong-lensing Model for the WMDF JWST/GTO Very Rich Cluster A1489. Astrophysical Journal, 2020, 903, 137.	1.6	4
31	Searching for Highly Magnified Stars at Cosmological Distances: Discovery of a Redshift 0.94 Blue Supergiant in Archival Images of the Galaxy Cluster MACS J0416.1-2403. Astrophysical Journal, 2019, 881, 8.	1.6	37
32	Probability of magnification in the HubbleFrontier Fields clusters. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5414-5429.	1.6	15
33	The Universe at extreme magnification. Astronomy and Astrophysics, 2019, 625, A84.	2.1	41
34	PLCK G165.7+67.0: Analysis of a Massive Lensing Cluster in a Hubble Space Telescope Census of Submillimeter Giant Arcs Selected Using Planck/Herschel. Astrophysical Journal, 2019, 871, 51.	1.6	21
35	Multifrequency filter search for high redshift sources and lensing systems in <i>Herschel</i>-ATLAS. Astronomy and Astrophysics, 2019, 622, A106.	2.1	1
36	PACT. Astronomy and Astrophysics, 2019, 632, A47.	2.1	24

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37	Observational signatures of microlensing in gravitational waves at LIGO/Virgo frequencies. <i>Astronomy and Astrophysics</i> , 2019, 627, A130.	2.1	50
38	The Hubble Constant from SN Refsdal. <i>Astrophysical Journal Letters</i> , 2018, 853, L31.	3.0	34
39	Exploring cosmic origins with CORE: Survey requirements and mission design. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	1.9	98
40	Exploring cosmic origins with CORE: The instrument. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 015-015.	1.9	25
41	Exploring cosmic origins with CORE: Inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 016-016.	1.9	75
42	Exploring cosmic origins with CORE: Cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 017-017.	1.9	73
43	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 018-018.	1.9	29
44	Exploring cosmic origins with CORE: Cluster science. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 019-019.	1.9	17
45	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 020-020.	1.9	20
46	Exploring cosmic origins with CORE: Effects of observer peculiar motion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	1.9	18
47	Exploring cosmic origins with CORE: Mitigation of systematic effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 022-022.	1.9	14
48	Exploring cosmic origins with CORE: B -mode component separation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 023-023.	1.9	44
49	Understanding caustic crossings in giant arcs: Characteristic scales, event rates, and constraints on compact dark matter. <i>Physical Review D</i> , 2018, 97, .	1.6	121
50	MUSE spectroscopy and deep observations of a unique compact JWST target, lensing cluster CLIO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2853-2869.	1.6	9
51	Two peculiar fast transients in a strongly lensed host galaxy. <i>Nature Astronomy</i> , 2018, 2, 324-333.	4.2	36
52	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	4.2	97
53	On the Observability of Individual Population III Stars and Their Stellar-mass Black Hole Accretion Disks through Cluster Caustic Transits. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 41.	3.0	66
54	A free-form lensing model of A370 revealing stellar mass dominated BCGs, in Hubble Frontier Fields images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4279-4296.	1.6	33

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55	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 619, A94.	2.1	18
56	Magnification Bias of Distant Galaxies in the Hubble Frontier Fields: Testing Wave Versus Particle Dark Matter Predictions. Astrophysical Journal, 2018, 862, 156.	1.6	14
57	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 617, A48.	2.1	22
58	Discovering intermediate-mass black hole lenses through gravitational wave lensing. Physical Review D, 2018, 98, .	1.6	58
59	Planck/SDSS cluster mass and gas scaling relations for a volume-complete redMaPPer sample. Monthly Notices of the Royal Astronomical Society, 2018, 478, 638-650.	1.6	8
60	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 610, C1.	2.1	5
61	Dark Matter under the Microscope: Constraining Compact Dark Matter with Caustic Crossing Events. Astrophysical Journal, 2018, 857, 25.	1.6	75
62	A Likely Supermassive Black Hole Revealed by Its Einstein Radius in Hubble Frontier Fields Images. Astrophysical Journal, 2018, 863, 135.	1.6	8
63	Young Galaxy Candidates in the Hubble Frontier Fields. IV. MACS J1149.5+2223. Astrophysical Journal, 2017, 836, 210.	1.6	21
64	GEOMETRIC CORROBORATION OF THE EARLIEST LENSED GALAXY AT $z \approx 10.8$ FROM ROBUST FREE-FORM MODELLING. Astrophysical Journal, 2017, 835, 44.	1.6	11
65	<i>Planck </i>intermediate results. Astronomy and Astrophysics, 2017, 599, A51.	2.1	46
66	SHARDS Frontier Fields: Physical Properties of a Low-mass Ly α Emitter at $z = 5.75$. Astrophysical Journal, 2017, 849, 82.	1.6	11
67	Precise clustering and density evolution of redMaPPer galaxy clusters versus MXXL simulation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2658-2674.	1.6	13
68	The Frontier Fields lens modelling comparison project. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3177-3216.	1.6	158
69	<i>Planck </i>intermediate results. Astronomy and Astrophysics, 2017, 607, A95.	2.1	131
70	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2017, 607, A122.	2.1	24
71	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A140.	2.1	89
72	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A134.	2.1	48

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73	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.	2.1	134
74	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A7.	2.1	94
75	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384
76	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A23.	2.1	89
77	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117
78	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
79	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A132.	2.1	109
80	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
81	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
82	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A8.	2.1	209
83	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A9.	2.1	182
84	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
85	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
86	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
87	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
88	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
89	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
90	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53

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91	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A19.	2.1	273
92	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A16.	2.1	338
93	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
94	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A101.	2.1	24
95	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A105.	2.1	47
96	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535
97	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A138.	2.1	270
98	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
99	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A108.	2.1	375
100	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
101	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	2.1	360
102	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A25.	2.1	153
103	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A103.	2.1	89
104	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	2.1	173
105	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A137.	2.1	27
106	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A109.	2.1	185
107	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
108	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A22.	2.1	274

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109	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A106.	2.1	23
110	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A102.	2.1	25
111	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A104.	2.1	36
112	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A110.	2.1	64
113	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A135.	2.1	109
114	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A136.	2.1	72
115	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	2.1	182
116	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A107.	2.1	359
117	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A139.	2.1	32
118	A free-form mass model of the Hubble Frontier Fields cluster AS1063 (RXC J2248.7âˆ’4431) with over one hundred constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3447-3459.	1.6	38
119	A free-form prediction for the reappearance of supernova Refsdal in the Hubble Frontier Fields cluster MACSJ1149.5+2223. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 356-365.	1.6	53
120	â€œREFSDALâ€• MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. <i>Astrophysical Journal</i> , 2016, 817, 60.	1.6	88
121	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A17.	2.1	440
122	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A11.	2.1	613
123	QUIJOTE scientific results â€” I. Measurements of the intensity and polarisation of the anomalous microwave emission in the Perseus molecular complex. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 4169-4182.	1.6	58
124	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. <i>Astrophysical Journal</i> , 2015, 811, 70.	1.6	67
125	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A22.	2.1	80
126	<i>Planck</i> intermediate results. XXVI. Optical identification and redshifts of <i>Planck</i> clusters with the RTT150 telescope. <i>Astronomy and Astrophysics</i> , 2015, 582, A29.	2.1	46

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127	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A30.	2.1	72
128	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	2.1	59
129	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	2.1	80
130	Hubble Frontier Field free-form mass mapping of the massive multiple-merging cluster MACSJ0717.5+3745. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3920-3932.	1.6	39
131	<i>The</i> <i>Good, the Bad, and the Ugly</i>: Statistical quality assessment of SZ detections. Astronomy and Astrophysics, 2015, 580, A138.	2.1	17
132	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	2.1	296
133	<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.	2.1	119
134	<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.	2.1	68
135	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	2.1	13
136	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37
137	Cosmological constraints from the observed angular cross-power spectrum between Sunyaev-Zelâ€™dovich and X-ray surveys. Astronomy and Astrophysics, 2015, 576, A90.	2.1	15
138	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermalâ€™ emissionâ€™ fromâ€™ Galacticâ€™ dustâ€™ inâ€™ intensity and polarization. Astronomy and Astrophysics, 2015, 576, A107.	2.1	215
139	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A28.	2.1	33
140	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
141	The orthogonally aligned dark halo of an edge-on lensing galaxy in the Hubble Frontier Fields: a challenge for modified gravity. Monthly Notices of the Royal Astronomical Society, 2015, 449, 588-596.	1.6	6
142	Self-similarity and universality of void density profiles in simulation and SDSS data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3997-4009.	1.6	33
143	YOUNG GALAXY CANDIDATES IN THE <i>HUBBLE</i> FRONTIER FIELDS. II. MACS J0416â€™2403. Astrophysical Journal, 2015, 815, 18.	1.6	30
144	A free-form lensing grid solution for A1689 with new multiple images. Monthly Notices of the Royal Astronomical Society, 2015, 446, 683-704.	1.6	40

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145	THREE-DIMENSIONAL MULTI-PROBE ANALYSIS OF THE GALAXY CLUSTER A1689. <i>Astrophysical Journal</i> , 2015, 806, 207.	1.6	56
146	Free-form lensing implications for the collision of dark matter and gas in the frontier fields cluster MACSJ0416.1â [~] 2403. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3130-3149.	1.6	50
147	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	2.1	90
148	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	2.1	103
149	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , 2014, 571, A10.	2.1	68
150	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	2.1	69
151	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	2.1	67
152	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	2.1	170
153	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , 2014, 565, A103.	2.1	67
154	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	2.1	54
155	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
156	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	2.1	80
157	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
158	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	2.1	566
159	Universal void density profiles from simulation and SDSS. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 542-545.	0.0	6
160	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 006-006.	1.9	138
161	The Jubilee ISW project â€“ I. Simulated ISW and weak lensing maps and initial power spectra results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 412-425.	1.6	28
162	Enabling non-parametric strong lensing models to derive reliable cluster mass distributions â€“ wslap+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 2642-2651.	1.6	38

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163	YOUNG GALAXY CANDIDATES IN THE HUBBLE FRONTIER FIELDS. I. A2744. <i>Astrophysical Journal</i> , 2014, 795, 93.	1.6	61
164	A RIGOROUS FREE-FORM LENS MODEL OF A2744 TO MEET THE HUBBLE FRONTIER FIELDS CHALLENGE. <i>Astrophysical Journal</i> , 2014, 797, 98.	1.6	46
165	A GEOMETRICALLY SUPPORTED $z \approx 10$ CANDIDATE MULTIPLY IMAGED BY THE HUBBLE FRONTIER FIELDS CLUSTER A2744. <i>Astrophysical Journal Letters</i> , 2014, 793, L12.	3.0	114
166	Statistics of extreme objects in the Juropa Hubble Volume simulation.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3776-3786.	1.6	48
167	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	2.1	948
168	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	2.1	210
169	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	2.1	223
170	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	2.1	55
171	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
172	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
173	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
174	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , 2014, 571, A21.	2.1	133
175	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A29.	2.1	380
176	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.	2.1	162
177	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	2.1	126
178	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	2.1	129
179	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	2.1	367
180	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	2.1	99

#	ARTICLE	IF	CITATIONS
181	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	2.1	107
182	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
183	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	2.1	41
184	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	2.1	91
185	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	2.1	74
186	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	2.1	80
187	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	2.1	272
188	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	2.1	350
189	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
190	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
191	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	2.1	141
192	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	2.1	19
193	<i>Planck</i> intermediate results (Corrigendum). Astronomy and Astrophysics, 2013, 558, C2.	2.1	4
194	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A140.	2.1	101
195	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A128.	2.1	20
196	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A130.	2.1	36
197	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	2.1	276
198	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	2.1	106

#	ARTICLE	IF	CITATIONS
199	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	2.1	63
200	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A132.	2.1	15
201	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.	2.1	52
202	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	2.1	94
203	The QUIJOTE-CMB experiment: studying the polarisation of the galactic and cosmological microwave emissions. Proceedings of SPIE, 2012, , .	0.8	44
204	A comparison of algorithms for the construction of SZ cluster catalogues. Astronomy and Astrophysics, 2012, 548, A51.	2.1	23
205	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
206	Large-scale traces of Solar system cold dust on cosmic microwave background anisotropies. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2546-2552.	1.6	12
207	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	2.1	100
208	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A5.	2.1	77
209	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	2.1	224
210	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	2.1	124
211	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	2.1	174
212	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	2.1	335
213	<i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6â€“27.3, an exceptionally X-ray luminous and massive galaxy cluster at <i>z</i>=1. Astronomy and Astrophysics, 2011, 536, A26.	2.1	72
214	<i>Planck</i> early results. III. First assessment of the Low Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A3.	2.1	108
215	The cosmological free-free signal from galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2353-2362.	1.6	16
216	The contribution of star-forming galaxies to the cosmic radio background. Monthly Notices of the Royal Astronomical Society, 2011, 418, 691-695.	1.6	8

#	ARTICLE	IF	CITATIONS
217	<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.	2.1	126
218	Systematics in lensing reconstruction: dark matter rings in the sky?. <i>Astronomy and Astrophysics</i> , 2011, 535, A119.	2.1	20
219	<i>Planck</i> pre-launch status: The <i>Planck</i>-LFI programme. <i>Astronomy and Astrophysics</i> , 2010, 520, A3.	2.1	81
220	The Sunyaev-Zel'dovich effect in <i>Wilkinson Microwave Anisotropy Probe</i> data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1179-1194.	1.6	22
221	An anomalous <i>Wilkinson Microwave Anisotropy Probe</i> signal in the ecliptic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1213-1220.	1.6	6
222	Looking for the Sunyaev-Zel'dovich effect in the Virgo cluster from WMAP and ROSAT data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 1805-1814.	1.6	7
223	The CMB cold spot: texture, cluster or void?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 913-919.	1.6	73
224	Combined reconstruction of weak and strong lensing data with WSLAP. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 958-970.	1.6	104
225	Non-parametric mass profiles of a unique elliptical galaxy at a redshift of 1. <i>EAS Publications Series</i> , 2006, 20, 149-152.	0.3	1
226	On the formation of cold fronts in massive mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 801-818.	1.6	33
227	Non-parametric inversion of strong lensing systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 477-491.	1.6	94
228	Non-parametric mass reconstruction of A1689 from strong lensing data with the Strong Lensing Analysis Package. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 1247-1258.	1.6	63
229	Formation of cold fronts in mergers of massive galaxy clusters. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	0
230	Sunyaev-Zel'dovich polarization as a probe of the intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 729-739.	1.6	19
231	The hybrid SZ power spectrum: combining cluster counts and SZ fluctuations to probe gas physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 993-1004.	1.6	20
232	The case for non-Gaussianity on cluster scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 681-688.	1.6	37
233	A cross-correlation of WMAP and ROSAT. <i>New Astronomy Reviews</i> , 2003, 47, 855-858.	5.2	5
234	Cosmic microwave background power spectrum estimation and map reconstruction with the expectation-maximization algorithm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 1101-1109.	1.6	41

#	ARTICLE	IF	CITATIONS
235	Observing the Sunyaev-Zel'dovich effect closer to home. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1127-1132.	1.6	9
236	The impact of relativistic corrections and component separation in the measurement of the Sunyaev-Zel'dovich effect and on the small angular scale non-Gaussianity of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2003, 338, 796-805.	1.6	13
237	Morphological redshift estimates for galaxy clusters in a Sunyaev-Zel'dovich effect survey. Monthly Notices of the Royal Astronomical Society, 2003, 341, 599-608.	1.6	5
238	Cosmological constraints from the cluster contribution to the power spectrum of the soft X-ray background. New evidence for a low σ_8 ?. Monthly Notices of the Royal Astronomical Society, 2003, 344, 951-964.	1.6	12
239	The Sunyaev-Zel'dovich effect contribution to WMAP: a cross-correlation between WMAP and ROSAT. Monthly Notices of the Royal Astronomical Society, 2003, 346, 940-948.	1.6	24
240	Kinetic Sunyaev-Zel'dovich Effect and Cosmic Microwave Background Polarization from Subsonic Bulk Motions of Dense Gas Clouds in Galaxy Cluster Cores. Astrophysical Journal, 2003, 597, L1-L4.	1.6	18
241	Detection of compact sources with multifilters. , 2002, 4847, 50.		3
242	The Sunyaev-Zel'dovich effect as a cosmological discriminator. Monthly Notices of the Royal Astronomical Society, 2002, 331, 556-568.	1.6	21
243	Filtering techniques for the detection of Sunyaev-Zel'dovich clusters in multifrequency maps. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1057-1068.	1.6	112
244	A Bayesian non-parametric method to detect clusters in Planck data. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1351-1363.	1.6	28
245	Constraining our Universe with X-ray and optical cluster data. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1533-1545.	1.6	25
246	Predicted Planck extragalactic point-source catalogue. Monthly Notices of the Royal Astronomical Society, 2001, 326, 181-191.	1.6	58
247	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.	1.6	82
248	Antineutrophil cytoplasmic antibodies (ANCA) and systemic vasculitis: update of assays, immunopathogenesis, controversies, and report of a novel de novo ANCA-associated vasculitis after kidney transplantation. Seminars in Arthritis and Rheumatism, 2000, 29, 267-285.	1.6	32
249	Partition function based analysis of cosmic microwave background maps. Monthly Notices of the Royal Astronomical Society, 1999, 306, 427-436.	1.6	30
250	The Roughness of the Last Scattering Surface. Astrophysical Journal, 1999, 525, 17-24.	1.6	6
251	A phenomenological model of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 0, 383, 369-374.	1.6	22
252	Observing high-redshift galaxy clusters through lensing of the Ostriker-Vishniac effect. Monthly Notices of the Royal Astronomical Society, 0, 383, 791-802.	1.6	1