

Federico Nati

List of Publications by Year in descending order

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235
papers

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6233

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237
docs citations

237
times ranked

19190
citing authors

#	ARTICLE	IF	CITATIONS
1	Simons Observatory: Constraining inflationary gravitational waves with multitracer B -mode delensing. Physical Review D, 2022, 105, .	1.6	13
2	In-flight polarization angle calibration for LiteBIRD: blind challenge and cosmological implications. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	1.9	9
3	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	1.6	79
4	QUBIC V: Cryogenic system design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 038.	1.9	8
5	QUBIC VII: The feedhorn-switch system of the technological demonstrator. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 040.	1.9	6
6	QUBIC VIII: Optical design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 041.	1.9	9
7	QUBIC VI: Cryogenic half wave plate rotator, design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	1.9	8
8	QUBIC IV: Performance of TES bolometers and readout electronics. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 037.	1.9	10
9	Polarization angle requirements for CMB B-mode experiments. Application to the LiteBIRD satellite. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 029.	1.9	3
10	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	1.9	20
11	QUBIC II: Spectral polarimetry with bolometric interferometry. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 035.	1.9	9
12	The Simons Observatory: Galactic Science Goals and Forecasts. Astrophysical Journal, 2022, 929, 166.	1.6	10
13	The Simons Observatory: A large-diameter truss for a refracting telescope cooled to 1 K. Review of Scientific Instruments, 2022, 93, .	0.6	1
14	The Atacama Cosmology Telescope: measurement and analysis of 1D beams for DR4. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 044.	1.9	4
15	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and Planck thermal Sunyaev-Zeldovich effect observations. I. Measurements, systematics tests, and feedback model constraints. Physical Review D, 2022, 105, .	1.6	16
16	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and Planck thermal Sunyaev-Zeldovich effect observations. II. Modeling and constraints on halo pressure profiles. Physical Review D, 2022, 105, .	1.6	11
17	Atacama Cosmology Telescope: Constraints on prerecombination early dark energy. Physical Review D, 2022, 105, .	1.6	59
18	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	1.6	6

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19	The Atacama Cosmology Telescope: delensed power spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 031-031.	1.9	23
20	The Simons Observatory: modeling optical systematics in the Large Aperture Telescope. <i>Applied Optics</i> , 2021, 60, 823.	0.9	13
21	The Atacama Cosmology Telescope: A Catalog of ~ 4000 Sunyaev-Zel'dovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	3.0	118
22	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zel'dovich measurements. <i>Physical Review D</i> , 2021, 103, .	1.6	60
23	The novel Mechanical Ventilator Milano for the COVID-19 pandemic. <i>Physics of Fluids</i> , 2021, 33, 037122.	1.6	29
24	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zel'dovich measurements from BOSS CMASS and LOWZ halos. <i>Physical Review D</i> , 2021, 103, .	1.6	76
25	MERGHERS pilot: MeerKAT discovery of diffuse emission in nine massive Sunyaev-Zel'dovich-selected galaxy clusters from ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1749-1758.	1.6	9
26	The Simons Observatory: The Large Aperture Telescope (LAT). <i>Research Notes of the AAS</i> , 2021, 5, 100.	0.3	8
27	Strong detection of the CMB lensing and galaxy weak lensing cross-correlation from ACT-DR4, Planck Legacy, and KiDS-1000. <i>Astronomy and Astrophysics</i> , 2021, 649, A146.	2.1	26
28	The Simons Observatory: gain, bandpass and polarization-angle calibration requirements for B-mode searches. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 032.	1.9	14
29	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. <i>Astrophysical Journal</i> , 2021, 915, 14.	1.6	15
30	The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 11.	3.0	19
31	The Simons Observatory: Magnetic Sensitivity Measurements of Microwave SQUID Multiplexers. <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-5.	1.1	3
32	The Atacama Cosmology Telescope: Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with SDSS DR15 galaxies. <i>Physical Review D</i> , 2021, 104, .	1.6	24
33	The large scale polarization explorer (LSPE) for CMB measurements: performance forecast. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 008.	1.9	27
34	The Atacama Cosmology Telescope: Probing the baryon content of SDSS DR15 galaxies with the thermal and kinematic Sunyaev-Zel'dovich effects. <i>Physical Review D</i> , 2021, 104, .	1.6	16
35	Atacama Cosmology Telescope measurements of a large sample of candidates from the Massive and Distant Clusters of WISE Survey. <i>Astronomy and Astrophysics</i> , 2021, 653, A135.	2.1	8
36	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5758-5779.	1.6	20

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37	The Simons Observatory Large Aperture Telescope Receiver. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 23.	3.0	11
38	Simons Observatory HoloSim-ML: machine learning applied to the efficient analysis of radio holography measurements of complex optical systems. <i>Applied Optics</i> , 2021, 60, 9029.	0.9	0
39	The Simons Observatory: metamaterial microwave absorber and its cryogenic applications. <i>Applied Optics</i> , 2021, 60, 864.	0.9	13
40	The Atacama Cosmology Telescope: Microwave Intensity and Polarization Maps of the Galactic Center. <i>Astrophysical Journal</i> , 2021, 920, 6.	1.6	10
41	Constraining Cosmic Microwave Background Temperature Evolution With Sunyaev-Zel'dovich Galaxy Clusters from the Atacama Cosmology Telescope. <i>Astrophysical Journal</i> , 2021, 922, 136.	1.6	2
42	The Atacama Cosmology Telescope: A Search for Planet 9. <i>Astrophysical Journal</i> , 2021, 923, 224.	1.6	10
43	The long duration cryogenic system of the OLIMPO balloon-borne experiment: Design and in-flight performance. <i>Cryogenics</i> , 2020, 110, 103129.	0.9	4
44	Small Aperture Telescopes for the Simons Observatory. <i>Journal of Low Temperature Physics</i> , 2020, 200, 461-471.	0.6	21
45	Preflight Detector Characterization of BLAST-TNG. <i>Journal of Low Temperature Physics</i> , 2020, 200, 400-406.	0.6	2
46	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zel'dovich effect. <i>Physical Review D</i> , 2020, 102, .	1.6	56
47	The cross correlation of the ABS and ACT maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 010-010.	1.9	2
48	The QUBIC instrument for CMB polarization measurements. <i>Journal of Physics: Conference Series</i> , 2020, 1548, 012016.	0.3	2
49	QUBIC: The Q & U Bolometric Interferometer for Cosmology. <i>Journal of Low Temperature Physics</i> , 2020, 199, 482-490.	0.6	8
50	TES Bolometer Arrays for the QUBIC B-Mode CMB Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 955-961.	0.6	6
51	Characterization of Transition Edge Sensors for the Simons Observatory. <i>Journal of Low Temperature Physics</i> , 2020, 199, 672-680.	0.6	6
52	QUBIC: Using NbSi TESs with a Bolometric Interferometer to Characterize the Polarization of the CMB. <i>Journal of Low Temperature Physics</i> , 2020, 200, 363-373.	0.6	4
53	Progress Report on the Large-Scale Polarization Explorer. <i>Journal of Low Temperature Physics</i> , 2020, 200, 374-383.	0.6	16
54	The Atacama Cosmology Telescope: a measurement of the Cosmic Microwave Background power spectra at 98 and 150 GHz. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 045-045.	1.9	148

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55	The Atacama Cosmology Telescope: arcminute-resolution maps of 18 000 square degrees of the microwave sky from ACT 2008â€“2018 data combined with Planck. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 046-046.	1.9	50
56	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 047-047.	1.9	343
57	The Atacama Cosmology Telescope: a CMB lensing mass map over 2100 square degrees of sky and its cross-correlation with BOSS-CMASS galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2250-2263.	1.6	68
58	Atacama Cosmology Telescope: Constraints on cosmic birefringence. Physical Review D, 2020, 101, .	1.6	50
59	The Simons Observatory: the Large Aperture Telescope Receiver (LATR) integration and validation results. , 2020, , .		6
60	The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light. Astrophysical Journal Letters, 2020, 903, L13.	3.0	15
61	The Simons Observatory Small Aperture Telescope overview. , 2020, , .		7
62	The Balloon-borne Large Aperture Submillimeter Telescope Observatory. , 2020, , .		3
63	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2900-2918.	1.6	52
64	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	1.9	741
65	The Atacama Cosmology Telescope: two-season ACTPol extragalactic point sources and their polarization properties. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5239-5262.	1.6	27
66	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaevâ€“Zelâ€™dovich Effect Selected Cluster Catalog. Astrophysical Journal, Supplement Series, 2018, 235, 20.	3.0	121
67	Non-Gaussianity of secondary anisotropies from ACTPol and Planck. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 022-022.	1.9	19
68	Advanced ACTPol Low-Frequency Array: Readout and Characterization of Prototype 27 and 39 GHz Transition Edge Sensors. Journal of Low Temperature Physics, 2018, 193, 1103-1111.	0.6	14
69	Airborne, Far-Field Calibrators for Cosmic Microwave Background Telescopes: POLOCALC. , 2018, , .		0
70	The Advanced ACTPol 27/39 GHz Array. Journal of Low Temperature Physics, 2018, 193, 1041-1047.	0.6	10
71	Characterization of the Mid-Frequency Arrays for Advanced ACTPol. Journal of Low Temperature Physics, 2018, 193, 267-275.	0.6	29
72	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 610, C1.	2.1	5

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73	Magnetic Sensitivity of AlMn TESes and Shielding Considerations for Next-Generation CMB Surveys. Journal of Low Temperature Physics, 2018, 193, 288-297.	0.6	9
74	Advanced ACTPol TES Device Parameters and Noise Performance in Fielded Arrays. Journal of Low Temperature Physics, 2018, 193, 328-336.	0.6	9
75	Systematic uncertainties in the Simons Observatory: optical effects and sensitivity considerations. , 2018, , .		4
76	The Simons Observatory: instrument overview. , 2018, , .		56
77	Studies of systematic uncertainties for Simons Observatory: detector array effects. , 2018, , .		8
78	Development of calibration strategies for the Simons Observatory. , 2018, , .		4
79	Design and characterization of a balloon-borne diffraction-limited submillimeter telescope platform for BLAST-TNG. , 2018, , .		5
80	Preflight characterization of the BLAST-TNG receiver and detector arrays. , 2018, , .		11
81	Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with BOSS DR11 and the Atacama Cosmology Telescope. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 008-008.	1.9	70
82	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 031-031.	1.9	120
83	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. Physical Review D, 2017, 95, .	1.6	104
84	POLOCALC: A Novel Method to Measure the Absolute Polarization Orientation of the Cosmic Microwave Background. Journal of Astronomical Instrumentation, 2017, 06, .	0.8	25
85	Multiwavelength Characterization of an ACT-selected, Lensed Dusty Star-forming Galaxy at $z = 2.64$. Astrophysical Journal, 2017, 844, 110.	1.6	3
86	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A140.	2.1	89
87	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A134.	2.1	48
88	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.	2.1	134
89	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A7.	2.1	94
90	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384

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91	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A23.	2.1	89
92	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117
93	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
94	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
95	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
96	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A8.	2.1	209
97	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A9.	2.1	182
98	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
99	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
100	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
101	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
102	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
103	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
104	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53
105	Mechanical designs and development of TES bolometer detector arrays for the Advanced ACTPol experiment. Proceedings of SPIE, 2016, , .	0.8	2
106	Optical modeling and polarization calibration for CMB measurements with ACTPol and Advanced ACTPol. Proceedings of SPIE, 2016, , .	0.8	12
107	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A19.	2.1	273
108	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A16.	2.1	338

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109	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A20.	2.1	1,233
110	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A101.	2.1	24
111	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A27.	2.1	535
112	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A138.	2.1	270
113	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A1.	2.1	738
114	An Open Source, FPGA-Based LeKID Readout for BLAST-TNG: Pre-Flight Results. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	0.8	36
115	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A14.	2.1	568
116	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A15.	2.1	360
117	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A25.	2.1	153
118	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A103.	2.1	89
119	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	2.1	173
120	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A137.	2.1	27
121	THE ATACAMA COSMOLOGY TELESCOPE: THE POLARIZATION-SENSITIVE ACTPol INSTRUMENT. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 21.	3.0	164
122	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A13.	2.1	8,344
123	High-Density Superconducting Cables for Advanced ACTPol. <i>Journal of Low Temperature Physics</i> , 2016, 184, 473-479.	0.6	7
124	The First Multichroic Polarimeter Array on the Atacama Cosmology Telescope: Characterization and Performance. <i>Journal of Low Temperature Physics</i> , 2016, 184, 559-567.	0.6	9
125	Advanced ACTPol Cryogenic Detector Arrays and Readout. <i>Journal of Low Temperature Physics</i> , 2016, 184, 772-779.	0.6	240
126	Evidence for the kinematic Sunyaev-Zelâ€™dovich effect with the Atacama Cosmology Telescope and velocity reconstruction from the Baryon Oscillation Spectroscopic Survey. <i>Physical Review D</i> , 2016, 93, .	1.6	90

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127	Assembly and integration process of the first high density detector array for the Atacama Cosmology Telescope. Proceedings of SPIE, 2016, , .	0.8	1
128	Survey strategy optimization for the Atacama Cosmology Telescope. , 2016, , .		20
129	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A22.	2.1	274
130	Planck intermediate results. Astronomy and Astrophysics, 2016, 596, A106.	2.1	23
131	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	2.1	25
132	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A104.	2.1	36
133	The design and characterization of wideband spline-profiled feedhorns for Advanced ACTPol. Proceedings of SPIE, 2016, , .	0.8	14
134	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	2.1	72
135	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A26.	2.1	182
136	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A139.	2.1	32
137	Characterizing Atacama B-mode Search Detectors with a Half-Wave Plate. Journal of Low Temperature Physics, 2016, 184, 534-539.	0.6	10
138	ALMn Transition Edge Sensors for Advanced ACTPol. Journal of Low Temperature Physics, 2016, 184, 66-73.	0.6	35
139	Design and Deployment of a Multichroic Polarimeter Array on the Atacama Cosmology Telescope. Journal of Low Temperature Physics, 2016, 184, 568-575.	0.6	16
140	Advanced ACTPol Multichroic Polarimeter Array Fabrication Process for 150 mm Wafers. Journal of Low Temperature Physics, 2016, 184, 634-641.	0.6	32
141	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
142	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
143	Far sidelobe effects from panel gaps of the Atacama Cosmology Telescope. , 2016, , .		4
144	Readout of two-kilopixel transition-edge sensor arrays for Advanced ACTPol. Proceedings of SPIE, 2016, , .	0.8	14

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145	Instrumental performance and results from testing of the BLAST-TNG receiver, submillimeter optics, and MKID detector arrays. Proceedings of SPIE, 2016, , .	0.8	6
146	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	2.1	80
147	<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.	2.1	46
148	<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
149	<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
150	<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
151	<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
152	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	2.1	13
153	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37
154	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. Astronomy and Astrophysics, 2015, 576, A107.	2.1	33
155	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A28.	2.1	33
156	Joint Analysis of BICEP2/Keck Array and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
157	Publisher's Note: Evidence of Lensing of the Cosmic Microwave Background by Dark Matter Halos [Phys. Rev. Lett. 114 , 151302 (2015)]. Physical Review Letters, 2015, 114, .	2.9	6
158	Evidence of Lensing of the Cosmic Microwave Background by Dark Matter Halos. Physical Review Letters, 2015, 114, 151302.	2.9	70
159	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. Astrophysical Journal, 2015, 808, 7.	1.6	66
160	<i>Planck</i> 2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	2.1	90
161	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	2.1	103
162	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	2.1	68

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163	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	2.1	69
164	<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
165	<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
166	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
167	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	2.1	80
168	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
169	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	2.1	566
170	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
171	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	2.1	948
172	<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
173	<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
174	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
175	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
176	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
177	<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
178	<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
179	<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
180	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	2.1	126

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