

Federico Nati

List of Publications by Year in descending order

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235
papers

37,385
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6233

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237
docs citations

237
times ranked

19190
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
2	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
3	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
4	<i>Planck</i> 2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	2.1	948
5	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
6	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
7	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	1.9	741
8	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
9	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
10	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
11	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	2.1	566
12	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535
13	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
14	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	2.1	465
15	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
16	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384
17	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	2.1	380
18	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	2.1	367

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19	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
20	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A15.	2.1	360
21	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 047-047.	1.9	343
22	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.	2.1	338
23	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	2.1	335
24	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. <i>Astronomy and Astrophysics</i> , 2015, 576, A104.	2.1	296
25	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A131.	2.1	276
26	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A22.	2.1	274
27	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A19.	2.1	273
28	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	2.1	272
29	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A138.	2.1	270
30	<i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	2.1	268
31	Advanced ACTPol Cryogenic Detector Arrays and Readout. <i>Journal of Low Temperature Physics</i> , 2016, 184, 772-779.	0.6	240
32	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
33	<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
34	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A8.	2.1	209
35	Cosmological constraints from Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L25-L30.	2.1	188
36	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A9.	2.1	182

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37	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	2.1	182
38	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. <i>Astronomy and Astrophysics</i> , 2011, 536, A24.	2.1	179
39	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	2.1	173
40	The cosmic microwave background anisotropy power spectrum measured by Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L19-L23.	2.1	170
41	<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
42	THE ATACAMA COSMOLOGY TELESCOPE: THE POLARIZATION-SENSITIVE ACTPol INSTRUMENT. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 21.	3.0	164
43	<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
44	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A25.	2.1	153
45	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.	2.1	152
46	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
47	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
48	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	2.1	141
49	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
50	<i>Planck</i> early results. IV. First assessment of the High Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A4.	2.1	136
51	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
52	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A28.	2.1	134
53	<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
54	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	2.1	129

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55	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. <i>Astronomy and Astrophysics</i> , 2015, 576, A107.		
56	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	2.1	126
57	<i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A17.	2.1	123
58	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaev-Zel'dovich Effect Selected Cluster Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 20.	3.0	121
59	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 031-031.	1.9	120
60	<i>Planck</i> intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. <i>Astronomy and Astrophysics</i> , 2015, 576, A105.	2.1	119
61	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
62	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A12.	2.1	117
63	<i>Planck</i> early results. VI. The High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A6.	2.1	116
64	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	2.1	116
65	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A21.	2.1	114
66	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , 2014, 571, A8.	2.1	107
67	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. <i>Physical Review D</i> , 2017, 95, .	1.6	104
68	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	2.1	103
69	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	2.1	99
70	Instrument, method, brightness, and polarization maps from the 2003 flight of BOOMERanG. <i>Astronomy and Astrophysics</i> , 2006, 458, 687-716.	2.1	99
71	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A134.	2.1	94
72	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A7.	2.1	94

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73	First detection of polarization of the submillimetre diffuse galactic dust emission by Archeops. <i>Astronomy and Astrophysics</i> , 2004, 424, 571-582.	2.1	93
74	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	2.1	91
75	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	2.1	90
76	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
77	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A140.	2.1	89
78	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A23.	2.1	89
79	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A103.	2.1	89
80	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A22.	2.1	88
81	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	2.1	80
82	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 561, A97.	2.1	80
83	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A22.	2.1	80
84	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2015, 581, A14.	2.1	80
85	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A2.	2.1	79
86	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , 2022, 926, 54.	1.6	79
87	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zelâ€™dovich measurements from BOSS CMASS and LOWZ halos. <i>Physical Review D</i> , 2021, 103, .	1.6	76
88	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A136.	2.1	72
89	Evidence of Lensing of the Cosmic Microwave Background by Dark Matter Halos. <i>Physical Review Letters</i> , 2015, 114, 151302.	2.9	70
90	Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with BOSS DR11 and the Atacama Cosmology Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 008-008.	1.9	70

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91	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	2.1	69
92	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A18.	2.1	69
93	<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
94	<i>Planck</i> intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. <i>Astronomy and Astrophysics</i> , 2015, 576, A106.	2.1	68
95	The Atacama Cosmology Telescope: a CMB lensing mass map over 2100 square degrees of sky and its cross-correlation with BOSS-CMASS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2250-2263.	1.6	68
96	<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
97	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. <i>Astrophysical Journal</i> , 2015, 808, 7.	1.6	66
98	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A6.	2.1	62
99	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zelâ€™dovich measurements. <i>Physical Review D</i> , 2021, 103, .	1.6	60
100	Atacama Cosmology Telescope: Constraints on prerecombination early dark energy. <i>Physical Review D</i> , 2022, 105, .	1.6	59
101	Archeops: a high resolution, large sky coverage balloon experiment for mapping cosmic microwave background anisotropies. <i>Astroparticle Physics</i> , 2002, 17, 101-124.	1.9	56
102	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A4.	2.1	56
103	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zelâ€™dovich effect. <i>Physical Review D</i> , 2020, 102, .	1.6	56
104	The Simons Observatory: instrument overview. , 2018, , .		56
105	<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
106	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A141.	2.1	55
107	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A5.	2.1	55
108	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A3.	2.1	53

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109	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A133.	2.1	52
110	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2900-2918.	1.6	52
111	Temperature and polarization angular power spectra of Galactic dust radiation at 353 GHz as measured by Archeops. <i>Astronomy and Astrophysics</i> , 2005, 444, 327-336.	2.1	51
112	The Atacama Cosmology Telescope: arcminute-resolution maps of 18 000 square degrees of the microwave sky from ACT 2008–2018 data combined with Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 046-046.	1.9	50
113	Atacama Cosmology Telescope: Constraints on cosmic birefringence. <i>Physical Review D</i> , 2020, 101, .	1.6	50
114	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A134.	2.1	48
115	QUBIC: The QU bolometric interferometer for cosmology. <i>Astroparticle Physics</i> , 2011, 34, 705-716.	1.9	47
116	<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
117	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A100.	2.1	44
118	The CMB temperature power spectrum from an improved analysis of the Archeops data. <i>Astronomy and Astrophysics</i> , 2005, 436, 785-797.	2.1	43
119	The Large-Scale Polarization Explorer (LSPE). <i>Proceedings of SPIE</i> , 2012, , .	0.8	38
120	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.	2.1	37
121	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A130.	2.1	36
122	An Open Source, FPGA-Based LeKID Readout for BLAST-TNG: Pre-Flight Results. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	0.8	36
123	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A104.	2.1	36
124	AlMn Transition Edge Sensors for Advanced ACTPol. <i>Journal of Low Temperature Physics</i> , 2016, 184, 66-73.	0.6	35
125	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A28.	2.1	33
126	SWIPE: a bolometric polarimeter for the Large-Scale Polarization Explorer. <i>Proceedings of SPIE</i> , 2012, , .	0.8	32

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127	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A139.	2.1	32
128	Advanced ACTPol Multichroic Polarimeter Array Fabrication Process for 150 mm Wafers. <i>Journal of Low Temperature Physics</i> , 2016, 184, 634-641.	0.6	32
129	Characterization of the Mid-Frequency Arrays for Advanced ACTPol. <i>Journal of Low Temperature Physics</i> , 2018, 193, 267-275.	0.6	29
130	The novel Mechanical Ventilator Milano for the COVID-19 pandemic. <i>Physics of Fluids</i> , 2021, 33, 037122.	1.6	29
131	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A137.	2.1	27
132	The Atacama Cosmology Telescope: two-season ACTPol extragalactic point sources and their polarization properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5239-5262.	1.6	27
133	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
134	Strong detection of the CMB lensing and galaxy weak lensing cross-correlation from ACT-DR4, <i>Planck</i> Legacy, and KiDS-1000. <i>Astronomy and Astrophysics</i> , 2021, 649, A146.	2.1	26
135	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A102.	2.1	25
136	POLOCALC: A Novel Method to Measure the Absolute Polarization Orientation of the Cosmic Microwave Background. <i>Journal of Astronomical Instrumentation</i> , 2017, 06, .	0.8	25
137	Archeops in-flight performance, data processing, and map making. <i>Astronomy and Astrophysics</i> , 2007, 467, 1313-1344.	2.1	24
138	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A101.	2.1	24
139	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
140	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A106.	2.1	23
141	The Atacama Cosmology Telescope: delensed power spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 031-031.	1.9	23
142	Small Aperture Telescopes for the Simons Observatory. <i>Journal of Low Temperature Physics</i> , 2020, 200, 461-471.	0.6	21
143	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and $P_{\ell}^{\text{CMB}}(z)$ thermal Sunyaev-Zel'dovich effect observations. II. Modeling and constraints on halo pressure profiles. <i>Physical Review D</i> , 2022, 105, .	2.1	21
144	The BRAIN CMB polarization experiment. <i>New Astronomy Reviews</i> , 2007, 51, 256-259.	5.2	20

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145	Survey strategy optimization for the Atacama Cosmology Telescope. , 2016, , .		20
146	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	1.6	20
147	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	1.9	20
148	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	2.1	19
149	Non-Gaussianity of secondary anisotropies from ACTPol and Planck. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 022-022.	1.9	19
150	The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access. Astrophysical Journal, Supplement Series, 2021, 255, 11.	3.0	19
151	The OLIMPO experiment. New Astronomy Reviews, 2007, 51, 385-389.	5.2	16
152	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
153	Progress Report on the Large-Scale Polarization Explorer. Journal of Low Temperature Physics, 2020, 200, 374-383.	0.6	16
154	The Atacama Cosmology Telescope: Probing the baryon content of SDSS DR15 galaxies with the thermal and kinematic Sunyaev-Zelâ€™dovich effects. Physical Review D, 2021, 104, .	1.6	16
155	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and <i>Planck</i> thermal Sunyaev-Zelâ€™dovich effect observations. I. Measurements, systematics tests, and feedback model constraints. Physical Review D, 2022, 105, .	1.6	16
156	QUBIC: the Q&U Bolometric Interferometer for Cosmology. Journal of Low Temperature Physics, 2012, 167, 872-878.	0.6	15
157	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A132.	2.1	15
158	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. Astrophysical Journal, 2021, 915, 14.	1.6	15
159	The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light. Astrophysical Journal Letters, 2020, 903, L13.	3.0	15
160	The design and characterization of wideband spline-profiled feedhorns for Advanced ACTPol. Proceedings of SPIE, 2016, , .	0.8	14
161	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
162	The Simons Observatory: gain, bandpass and polarization-angle calibration requirements for B-mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 032.	1.9	14

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163	Readout of two-kilopixel transition-edge sensor arrays for Advanced ACTPol. Proceedings of SPIE, 2016, , .	0.8	14
164	Measuring CMB polarization with Boomerang. New Astronomy Reviews, 2003, 47, 1057-1065.	5.2	13
165	<i>Planck</i>intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	2.1	13
166	The Simons Observatory: modeling optical systematics in the Large Aperture Telescope. Applied Optics, 2021, 60, 823.	0.9	13
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