

Francesca Perrotta

List of Publications by Year in descending order

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185
papers

47,926
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185
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times ranked

20725
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A6.	5.1	6,722
2	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A3.	5.1	158
3	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A2.	5.1	72
4	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A1.	5.1	804
5	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A12.	5.1	105
6	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A8.	5.1	400
7	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A10.	5.1	1,261
8	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A7.	5.1	172
9	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A9.	5.1	319
10	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	5.1	558
11	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	5.1	4
12	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A100.	5.1	20
13	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 643, A42.	5.1	123
14	Merging Rates of Compact Binaries in Galaxies: Perspectives for Gravitational Wave Detections. Astrophysical Journal, 2019, 881, 157.	4.5	41
15	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
16	Sâ€“PASS view of polarized Galactic synchrotron at 2.3 GHz as a contaminant to CMB observations. Astronomy and Astrophysics, 2018, 618, A166.	5.1	64
17	Forecasting the Contribution of Polarized Extragalactic Radio Sources in CMBÂObservations. Astrophysical Journal, 2018, 858, 85.	4.5	23
18	Galaxy Evolution in the Radio Band: The Role of Star-forming Galaxies and Active Galactic Nuclei. Astrophysical Journal, 2017, 842, 95.	4.5	77

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19	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A134.	5.1	48
20	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A28.	5.1	134
21	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A7.	5.1	94
22	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A10.	5.1	384
23	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A12.	5.1	117
24	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A24.	5.1	525
25	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A132.	5.1	109
26	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A6.	5.1	62
27	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A2.	5.1	79
28	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A8.	5.1	209
29	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A9.	5.1	182
30	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A5.	5.1	55
31	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A4.	5.1	56
32	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A18.	5.1	69
33	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A21.	5.1	114
34	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A19.	5.1	273
35	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.	5.1	338
36	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A20.	5.1	1,233

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37	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
38	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
39	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568
40	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
41	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153
42	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	5.1	173
43	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
44	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
45	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A26.	5.1	182
46	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
47	PREDICTIONS FOR ULTRA-DEEP RADIO COUNTS OF STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 810, 72.	4.5	24
48	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	5.1	80
49	<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.	5.1	46
50	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A30.	5.1	72
51	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	5.1	59
52	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	5.1	80
53	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	5.1	296
54	<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.	5.1	119

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55	<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.	5.1	68
56	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.	5.1	37
57	<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.	5.1	68
58	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A28.	5.1	33
59	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	5.1	90
60	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	5.1	103
61	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , 2014, 571, A10.	5.1	68
62	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	5.1	69
63	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	5.1	67
64	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	5.1	170
65	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , 2014, 565, A103.	5.1	67
66	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
67	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	5.1	216
68	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	5.1	80
69	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	5.1	144
70	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	5.1	566
71	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 006-006.	5.4	138
72	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	5.1	948

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73	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	5.1	210
74	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	5.1	223
75	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	5.1	55
76	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	5.1	134
77	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	5.1	364
78	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	5.1	465
79	<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.	5.1	133
80	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A29.	5.1	380
81	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.	5.1	162
82	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	5.1	126
83	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	5.1	129
84	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	5.1	367
85	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	5.1	99
86	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , 2014, 571, A8.	5.1	107
87	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	5.1	116
88	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	5.1	41
89	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	5.1	91
90	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	5.1	74

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91	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
92	Predictions of radio counts of star forming galaxies for SKA precursors. Journal of Physics: Conference Series, 2014, 566, 012007.	0.4	0
93	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
94	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
95	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
96	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
97	Dust and star formation properties of a complete sample of local galaxies drawn from the Planck Early Release Compact Source Catalogue. Monthly Notices of the Royal Astronomical Society, 2013, 433, 695-711.	4.4	81
98	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	5.1	141
99	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	5.1	19
100	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A140.	5.1	101
101	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A128.	5.1	20
102	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A130.	5.1	36
103	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	5.1	276
104	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	5.1	106
105	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	5.1	63
106	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A132.	5.1	15
107	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.	5.1	52
108	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	5.1	94

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109	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	5.1	50
110	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	5.1	119
111	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	5.1	180
112	<i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	5.1	103
113	<i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	5.1	123
114	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	5.1	100
115	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i>. Astronomy and Astrophysics, 2011, 536, A2.	5.1	91
116	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. Astronomy and Astrophysics, 2011, 536, A20.	5.1	155
117	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	5.1	184
118	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	5.1	88
119	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	5.1	152
120	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A5.	5.1	77
121	<i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	5.1	74
122	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	5.1	224
123	<i>Planck</i> early results. XIX. All-sky temperature and dust optical depth from <i>Planck</i> and IRAS. Constraints on the "dark gas" in our Galaxy. Astronomy and Astrophysics, 2011, 536, A19.	5.1	314
124	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	5.1	179
125	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	5.1	124
126	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	5.1	174

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127	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61
128	Planck early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	5.1	335
129	Planck early results. XXVI. Detection with Planck and confirmation by XMM-Newton of PLCKG266.6+27.3, an exceptionally X-ray luminous and massive galaxy cluster at $z \sim 1$. <i>Astronomy and Astrophysics</i> , 2011, 536, A26.	5.1	72
130	Planck early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	5.1	93
131	Planck early results. I. The Planck mission. <i>Astronomy and Astrophysics</i> , 2011, 536, A1.	5.1	394
132	Planck early results. III. First assessment of the Low Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A3.	5.1	108
133	Planck early results. IX. XMM-Newton follow-up for validation of Planck cluster candidates. <i>Astronomy and Astrophysics</i> , 2011, 536, A9.	5.1	126
134	Planck pre-launch status: The Planck-LFI programme. <i>Astronomy and Astrophysics</i> , 2010, 520, A3.	5.1	81
135	Planck pre-launch status: The Planck mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	5.1	268
136	Planck pre-launch status: Design and description of the Low Frequency Instrument. <i>Astronomy and Astrophysics</i> , 2010, 520, A4.	5.1	125
137	Planck pre-launch status: Low Frequency Instrument optics. <i>Astronomy and Astrophysics</i> , 2010, 520, A7.	5.1	23
138	The Planck/LFI data processing: real-time analysis, data management and scientific workflows. , 2010, , .		0
139	Level 1 on-ground telemetry handling in Planck-LFI. <i>Journal of Instrumentation</i> , 2009, 4, T12019-T12019.	1.2	5
140	LFI Radiometric Chain Assembly (RCA) data handling "Rachel". <i>Journal of Instrumentation</i> , 2009, 4, T12017-T12017.	1.2	4
141	Optimization of Planck-LFI on-board data handling. <i>Journal of Instrumentation</i> , 2009, 4, T12018-T12018.	1.2	12
142	Off-line radiometric analysis of Planck-LFI data. <i>Journal of Instrumentation</i> , 2009, 4, T12020-T12020.	1.2	9
143	A systematic approach to the Planck LFI end-to-end test and its application to the DPC Level 1 pipeline. <i>Journal of Instrumentation</i> , 2009, 4, T12021-T12021.	1.2	4
144	<i>Astrophysical Cosmology</i> . , 2009, , 203-299.		1

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145	From Galileo to Modern Cosmology: Alternative Paradigms and Science Boundary Conditions. , 2009, , 301-428.		1
146	Astrophysical and cosmological information from large-scale submillimetre surveys of extragalactic sources. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1557-1568.	4.4	184
147	Early structure formation in quintessence models and its implications for cosmic reionization from first stars. Monthly Notices of the Royal Astronomical Society, 2006, 373, 869-878.	4.4	45
148	Strong lensing by cluster-sized halos in dark energy cosmologies. New Astronomy Reviews, 2005, 49, 111-114.	12.8	12
149	Evolution of dark-matter haloes in a variety of dark-energy cosmologies. New Astronomy Reviews, 2005, 49, 199-203.	12.8	47
150	Scaling solutions in scalar-tensor cosmologies. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 003-003.	5.4	32
151	Structure formation constraints on the Jordan-Brans-Dicke theory. Physical Review D, 2005, 71, .	4.7	75
152	Cosmic microwave background constraints on dark energy dynamics: Analysis beyond the power spectrum. Physical Review D, 2005, 71, .	4.7	19
153	Strong lensing efficiency of galaxy clusters in dark energy cosmologies. Astronomy and Astrophysics, 2005, 442, 413-422.	5.1	38
154	Numerical study of halo concentrations in dark-energy cosmologies. Astronomy and Astrophysics, 2004, 416, 853-864.	5.1	257
155	Nonlinear perturbations in scalar-tensor cosmologies. Physical Review D, 2004, 69, .	4.7	31
156	Approaching ω without fine-tuning. Physical Review D, 2004, 70, .	4.7	34
157	Weak lensing in generalized gravity theories. Physical Review D, 2004, 70, .	4.7	49
158	PROPERTIES OF GALAXY CLUSTERS IN COSMOLOGIES WITH DARK ENERGY. Modern Physics Letters A, 2004, 19, 1079-1082.	1.2	3
159	ARC STATISTICS WITH NUMERICAL CLUSTER MODELS IN DARK ENERGY COSMOLOGIES. Modern Physics Letters A, 2004, 19, 1083-1087.	1.2	4
160	Extracting cosmic microwave background polarization from satellite astrophysical maps. Monthly Notices of the Royal Astronomical Society, 2004, 354, 55-70.	4.4	35
161	Instability of Chaplygin gas trajectories in unified dark matter models. Physical Review D, 2004, 70, .	4.7	19
162	Weak Lensing and Gravity Theories. Proceedings of the International Astronomical Union, 2004, 2004, 123-128.	0.0	2

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163	Scalar field dark energy and cosmic microwave background. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 68-71.	0.4	2
164	Sub-horizon perturbation behavior in extended quintessence. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 72-75.	0.4	6
165	Predictions for statistical properties of forming spheroidal galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 338, 623-636.	4.4	42
166	Astrophysical component separation of COBE-DMR 4-yr data with FastICA. Monthly Notices of the Royal Astronomical Society, 2003, 344, 544-552.	4.4	30
167	Constraining the dark energy dynamics with the cosmic microwave background bispectrum. Physical Review D, 2003, 68, .	4.7	19
168	Probing Dark Energy with the Cosmic Microwave Background: Projected Constraints from the Wilkinson Microwave Anisotropy Probe and Planck. Astrophysical Journal, 2003, 588, L5-L8.	4.5	23
169	Halo concentrations and weak-lensing number counts in dark energy cosmologies. Astronomy and Astrophysics, 2003, 400, 19-19.	5.1	2
170	Arc statistics in cosmological models with dark energy. Astronomy and Astrophysics, 2003, 409, 449-457.	5.1	47
171	On the dark energy clustering properties. Physical Review D, 2002, 65, .	4.7	53
172	Constraints on flat cosmologies with tracking quintessence from cosmic microwave background observations. Physical Review D, 2002, 65, .	4.7	69
173	Halo concentrations and weak-lensing number counts in dark energy cosmologies. Astronomy and Astrophysics, 2002, 396, 21-30.	5.1	42
174	Polarized foregrounds power spectra vs CMB. AIP Conference Proceedings, 2002, , .	0.4	2
175	Gravitational lensing of extended high redshift sources by dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2002, 329, 445-455.	4.4	59
176	All-sky astrophysical component separation with Fast Independent Component Analysis (FASTICA). Monthly Notices of the Royal Astronomical Society, 2002, 334, 53-68.	4.4	137
177	What's behind acoustic peaks in the cosmic microwave background anisotropies. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 173-178.	0.4	0
178	Power spectrum of the polarized diffuse Galactic radio emission. Astronomy and Astrophysics, 2001, 372, 8-21.	5.1	44
179	Implications for Quintessence Models from MAXIMA-1 and BOOMERANG-98. Astrophysical Journal, 2001, 547, L89-L92.	4.5	36
180	Effects of inflationary bubbles on the polarization and temperature anisotropies of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2000, 314, 1-10.	4.4	6

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181	Neural networks and the separation of cosmic microwave background and astrophysical signals in sky maps. Monthly Notices of the Royal Astronomical Society, 2000, 318, 769-780.	4.4	81
182	Tracking extended quintessence. Physical Review D, 2000, 62, .	4.7	107
183	Scalar field-dominated cosmologies. , 1999, , .		0
184	Extended quintessence. Physical Review D, 1999, 61, .	4.7	323
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