

François R Bouchet

List of Publications by Year in descending order

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193
papers

25,982
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13606
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#	ARTICLE	IF	CITATIONS
19	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2015, 581, A14.	5.1	80
20	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. <i>Astronomy and Astrophysics</i> , 2015, 576, A104.	5.1	296
21	<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.	5.1	119
22	<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
23	<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	215
24	Joint Analysis of BICEP2/Keck Array and <i>Planck</i> Data. <i>Physical Review Letters</i> , 2015, 114, 101301.	7.8	819
25	Planck 2015 results and inflation. <i>Comptes Rendus Physique</i> , 2015, 16, 891-913.	0.9	0
26	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	5.1	90
27	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	5.1	103
28	<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
29	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	5.1	69
30	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	5.1	67
31	<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
32	<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
33	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
34	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	5.1	216
35	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	5.1	144
36	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	5.1	566

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37	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
38	Dancing in the dark: galactic properties trace spin swings along the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1453-1468.	4.4	614
39	CMB polarization can constrain cosmology better than CMB temperature. <i>Physical Review D</i> , 2014, 90, .	4.7	61
40	Angular correlation functions for models with logarithmic oscillations. <i>Physical Review D</i> , 2014, 89, .	4.7	14
41	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	5.1	948
42	<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
43	<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
44	<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
45	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	5.1	134
46	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	5.1	364
47	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	5.1	465
48	<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
49	<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
50	<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
51	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	5.1	126
52	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	5.1	129
53	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	5.1	367
54	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	5.1	99

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55	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , 2014, 571, A8.	5.1	107
56	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	5.1	116
57	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	5.1	41
58	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	5.1	91
59	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	5.1	74
60	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	5.1	272
61	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	5.1	350
62	<i>Planck</i> 2013 results. XXII. Constraints on inflation. <i>Astronomy and Astrophysics</i> , 2014, 571, A22.	5.1	806
63	<i>Planck</i> 2013 results. XVI. Cosmological parameters. <i>Astronomy and Astrophysics</i> , 2014, 571, A16.	5.1	4,703
64	The Komatsu Spergel Wandelt estimator for oscillations in the cosmic microwave background bispectrum. <i>Astronomy and Astrophysics</i> , 2014, 570, A94.	5.1	15
65	Non-Gaussianity and Minkowski functionals: forecasts for Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2104-2126.	4.4	55
66	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	5.1	141
67	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. <i>Astronomy and Astrophysics</i> , 2013, 557, A53.	5.1	19
68	<i>Planck</i> intermediate results (Corrigendum). <i>Astronomy and Astrophysics</i> , 2013, 558, C2.	5.1	4
69	The pre-launch <i>Planck</i> Sky Model: a model of sky emission at submillimetre to centimetre wavelengths. <i>Astronomy and Astrophysics</i> , 2013, 553, A96.	5.1	166
70	All sky CMB map from cosmic strings integrated Sachs-Wolfe effect. <i>Physical Review D</i> , 2012, 86, .	4.7	27
71	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2012, 543, A102.	5.1	50
72	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2011, 536, A21.	5.1	119

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73	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. <i>Astronomy and Astrophysics</i> , 2011, 536, A18.	5.1	180
74	<i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A13.	5.1	103
75	<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.	5.1	123
76	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	5.1	100
77	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i> . <i>Astronomy and Astrophysics</i> , 2011, 536, A2.	5.1	91
78	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. <i>Astronomy and Astrophysics</i> , 2011, 536, A20.	5.1	155
79	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	5.1	184
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.	5.1	88
81	<i>Planck</i> early results. VI. The High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A6.	5.1	116
82	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.	5.1	152
83	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A5.	5.1	77
84	<i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. <i>Astronomy and Astrophysics</i> , 2011, 536, A16.	5.1	74
85	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	5.1	224
86	<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. <i>Astronomy and Astrophysics</i> , 2011, 536, A19.	5.1	314
87	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. <i>Astronomy and Astrophysics</i> , 2011, 536, A24.	5.1	179
88	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. <i>Astronomy and Astrophysics</i> , 2011, 536, A10.	5.1	124
89	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11.	5.1	174
90	<i>Planck</i> early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61

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91	<i>Planck</i> early results. IV. First assessment of the High Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A4.	5.1	136
92	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	5.1	335
93	<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. <i>Astronomy and Astrophysics</i> , 2011, 536, A26.	5.1	72
94	<i>Planck</i> 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
95	<i>Planck</i> early results. I. The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2011, 536, A1.	5.1	394
96	<i>Planck</i> early results. III. First assessment of the Low Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A3.	5.1	108
97	<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.	5.1	126
98	Looking at the Universe with PLANCK. , 2011, , .		0
99	<i>Planck</i> pre-launch status: The HFI instrument, from specification to actual performance. <i>Astronomy and Astrophysics</i> , 2010, 520, A9.	5.1	184
100	<i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	5.1	268
101	Bayesian model comparison in cosmology with Population Monte Carlo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	18
102	Planck pre-launch status: HFI beam expectations from the optical optimisation of the focal plane. <i>Astronomy and Astrophysics</i> , 2010, 520, A12.	5.1	32
103	Dark-energy constraints and correlations with systematics from CFHTLS weak lensing, SNLS supernovae Ia and WMAP5. <i>Astronomy and Astrophysics</i> , 2009, 497, 677-688.	5.1	104
104	Phase-space structures - I. A comparison of 6D density estimators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 703-722.	4.4	16
105	Phase-space structures - II. Hierarchical Structure Finder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1329-1348.	4.4	45
106	Small-angle CMB temperature anisotropies induced by cosmic strings. <i>Physical Review D</i> , 2008, 78, .	4.7	98
107	THE PLANCK SATELLITE: STATUS & PERSPECTIVES. <i>Modern Physics Letters A</i> , 2007, 22, 1857-1863.	1.2	10
108	Probing inflation with cosmic microwave background polarization: the weak lensing effect on the covariance of cosmic microwave background spectra. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 013-013.	5.4	5

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109	Cosmological evolution of cosmic string loops. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 023-023.	5.4	234
110	Archeops in-flight performance, data processing, and map making. <i>Astronomy and Astrophysics</i> , 2007, 467, 1313-1344.	5.1	24
111	GALICS- V: Low- and high-order clustering in mock Sloan Digital Sky Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1009-1020.	4.4	20
112	MoMaF: the Mock Map Facility. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 159-175.	4.4	119
113	The CMB temperature power spectrum from an improved analysis of the Archeops data. <i>Astronomy and Astrophysics</i> , 2005, 436, 785-797.	5.1	43
114	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.	5.1	51
115	Fluctuation analysis of the far-infrared background - information from the confusion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 737-744.	4.4	7
116	galics- III. Properties of Lyman-break galaxies at a redshift of 3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 571-588.	4.4	39
117	Cosmic structures, parameters & temperature anisotropies: Status and perspectives. <i>Astrophysics and Space Science</i> , 2004, 290, 69-86.	1.4	4
118	First detection of polarization of the submillimetre diffuse galactic dust emission by Archeops. <i>Astronomy and Astrophysics</i> , 2004, 424, 571-582.	5.1	93
119	Cosmic Structures, Parameters & Temperature Anisotropies: Status and Perspectives. , 2004, , 69-85.		0
120	Predicting multi-wavelength properties of Lyman break galaxies with GALICS. <i>Astrophysics and Space Science</i> , 2003, 284, 373-376.	1.4	2
121	The Planck milestone. <i>Comptes Rendus Physique</i> , 2003, 4, 861-870.	0.9	0
122	CMB: the isotropic part. <i>Comptes Rendus Physique</i> , 2003, 4, 833-839.	0.9	0
123	CMB: A, B, C,, W and beyond (P!). <i>Comptes Rendus Physique</i> , 2003, 4, 823-832.	0.9	0
124	The Planck High Frequency Instrument, a third generation CMB experiment, and a full sky submillimeter survey. <i>New Astronomy Reviews</i> , 2003, 47, 1017-1024.	12.8	73
125	GALICS- I. A hybrid N-body/semi-analytic model of hierarchical galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 75-106.	4.4	269
126	Gaussianity of cosmic velocity fields and linearity of the velocity-gravity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 339, 641-651.	4.4	14

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127	Probing cosmic microwave background non-Gaussianity using local curvature. Monthly Notices of the Royal Astronomical Society, 2003, 344, 905-916.	4.4	25
128	Cosmological constraints from Archeops. Astronomy and Astrophysics, 2003, 399, L25-L30.	5.1	188
129	The cosmic microwave background anisotropy power spectrum measured by Archeops. Astronomy and Astrophysics, 2003, 399, L19-L23.	5.1	170
130	COSMIC MICROWAVE FLUCTUATIONS, PRESENT AND FUTURE. , 2003, , .		0
131	Elliptical beams in CMB temperature and polarization anisotropy experiments: An analytic approach. Physical Review D, 2002, 65, .	4.7	30
132	The high frequency instrument of Planck: Requirements and design. AIP Conference Proceedings, 2002, , .	0.4	3
133	Use of high sensitivity bolometers for astronomy: Planck high frequency instrument. , 2002, , .		4
134	Archeops: a high resolution, large sky coverage balloon experiment for mapping cosmic microwave background anisotropies. Astroparticle Physics, 2002, 17, 101-124.	4.3	56
135	Constraining the LogN-LogSRelation of Far-Infrared Unresolved Sources Using aP(D)Analysis; Application to FIRBACK Maps Obtained by ISO. EAS Publications Series, 2002, 4, 357-357.	0.3	0
136	Error estimation for the MAP experiment. Astronomy and Astrophysics, 2001, 373, L13-L16.	5.1	8
137	A Simple Method for Computing the Nonlinear Mass Correlation Function with Implications for Stable Clustering. Astrophysical Journal, 2001, 547, L93-L96.	4.5	7
138	Evidence against or for topological defects in the BOOMERanG data?. Physical Review D, 2001, 65, .	4.7	77
139	Using the COBE/DMR data as a test-bed for normality assessments. Astronomy and Astrophysics, 2001, 365, 341-346.	5.1	19
140	FIRBACK: III. Catalog, source counts, and cosmological implications of the 170 μ m ISO deep survey. Astronomy and Astrophysics, 2001, 372, 364-376.	5.1	104
141	Star formation losses due to tidal debris in "hierarchical" galaxy formation. Astronomy and Astrophysics, 2001, 373, 494-510.	5.1	3
142	MAPCUMBA: A fast iterative multi-grid map-making algorithm for CMB experiments. Astronomy and Astrophysics, 2001, 374, 358-370.	5.1	63
143	Cluster physics from joint weak gravitational lensing and Sunyaev-Zel'dovich data. Astronomy and Astrophysics, 2001, 375, 14-24.	5.1	19
144	Cosmic microwave background polarization data and galactic foregrounds: estimation of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2000, 314, 348-353.	4.4	25

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145	Multifrequency Wiener filtering of cosmic microwave background data with polarization. Monthly Notices of the Royal Astronomical Society, 1999, 302, 663-676.	4.4	68
146	The effect of point sources on satellite observations of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 1999, 306, 232-246.	4.4	44
147	Foregrounds and CMB experiments. New Astronomy, 1999, 4, 443-479.	1.8	142
148	Biasing and High-Order Statistics from the Southern Sky Redshift Survey. Astrophysical Journal, 1999, 514, 563-578.	4.5	23
149	Semi-analytic modelling of galaxy evolution in the IR/submm range. Monthly Notices of the Royal Astronomical Society, 1998, 295, 877-898.	4.4	222
150	Foreground separation methods for satellite observations of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 1998, 300, 1-29.	4.4	142
151	The structure and dynamical evolution of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 1997, 286, 865-884.	4.4	246
152	The ℓ dependence of the velocity divergence distribution. Monthly Notices of the Royal Astronomical Society, 1997, 290, 566-576.	4.4	22
153	Extended perturbation theory for the local density distribution function. Monthly Notices of the Royal Astronomical Society, 1997, 287, 241-252.	4.4	36
154	The optically dark side of galaxy formation. Nature, 1997, 390, 257-259.	27.8	88
155	Faint galaxy counts and diffuse backgrounds in the submm/mm range. AIP Conference Proceedings, 1996, , .	0.4	2
156	The MM/SUB-MM foregrounds and future CMB space missions. AIP Conference Proceedings, 1996, , .	0.4	10
157	Kurtosis in large-scale structure as a constraint on non-Gaussian initial conditions. Monthly Notices of the Royal Astronomical Society, 1996, 279, 557-563.	4.4	29
158	Self-Similarity and Scaling Behavior of Scale-free Gravitational Clustering. Astrophysical Journal, 1996, 465, 14.	4.5	80
159	Previrialization: Perturbative and N-Body Results. Astrophysical Journal, 1996, 467, 1.	4.5	36
160	Simulations of the microwave sky and of its "observations". Space Science Reviews, 1995, 74, 37-43.	8.1	6
161	Kurtosis of large-scale cosmic fields. Monthly Notices of the Royal Astronomical Society, 1995, 274, 730-744.	4.4	34
162	Omega from the skewness of the cosmic velocity divergence. Monthly Notices of the Royal Astronomical Society, 1995, 274, 20-26.	4.4	31

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163	Scale invariance and self-similar behavior of dark matter halos. <i>Astrophysical Journal</i> , 1995, 441, 10.	4.5	16
164	Weakly nonlinear Gaussian fluctuations and the edgeworth expansion. <i>Astrophysical Journal</i> , 1995, 442, 39.	4.5	106
165	Multifractal Analysis of String-induced Cosmic Microwave Background Radiation Anisotropies. <i>Astrophysical Journal</i> , 1995, 449, 1.	4.5	22
166	A count probability cookbok: Spurious effects and the scaling model. <i>Astrophysical Journal, Supplement Series</i> , 1995, 96, 401.	7.7	38
167	Moments of the Counts Distribution in the 1.2 Jansky IRAS Galaxy Redshift Survey. <i>Astrophysical Journal</i> , 1993, 417, 36.	4.5	93
168	Skewness induced by gravity. <i>Astrophysical Journal</i> , 1993, 412, L9.	4.5	114
169	Gravity and count probabilities in an expanding universe. <i>Astrophysical Journal</i> , 1992, 400, 25.	4.5	29
170	Weakly nonlinear gravitational instability for arbitrary Omega. <i>Astrophysical Journal</i> , 1992, 394, L5.	4.5	161
171	The implications of the COBE diffuse microwave radiation results for cosmic strings. <i>Astrophysical Journal</i> , 1992, 399, L5.	4.5	64
172	Cosmic Strings: An Introduction to their Formation, Evolution, and their Microwave Background Signature. , 1992, , 101-127.		0
173	Constraints on the gravity-wave background generated by cosmic strings. <i>Physical Review D</i> , 1991, 43, 2733-2735.	4.7	42
174	Precollapse scale invariance in gravitational instability. <i>Astrophysical Journal</i> , 1991, 382, 377.	4.5	113
175	Nonlinear matter clustering properties of a cold dark matter universe. <i>Astrophysical Journal</i> , 1991, 383, 19.	4.5	29
176	Application of the Ewald method to cosmological N-body simulations. <i>Astrophysical Journal, Supplement Series</i> , 1991, 75, 231.	7.7	90
177	Cosmological N-body simulations with a tree code - Fluctuations in the linear and nonlinear regimes. <i>Astrophysical Journal, Supplement Series</i> , 1991, 75, 631.	7.7	19
178	High-resolution simulations of cosmic-string evolution. i. Network evolution. <i>Physical Review D</i> , 1990, 41, 2408-2433.	4.7	243
179	Millisecond-pulsar constraint on cosmic strings. <i>Physical Review D</i> , 1990, 41, 720-723.	4.7	34
180	Topology of microwave background fluctuations - Theory. <i>Astrophysical Journal</i> , 1990, 352, 1.	4.5	149

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181	Collisionless formation of filaments in an expanding universe. <i>Astrophysical Journal</i> , 1990, 354, 3.	4.5	10
182	Galaxy formation from kinky cosmic strings. <i>Astrophysical Journal</i> , 1990, 354, L41.	4.5	19
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