

# Jose Alberto Rubiñó-Martin

## List of Publications by Year in descending order

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163  
papers

27,102  
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12330

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165  
docs citations

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times ranked

16267  
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#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2013 results. XVI. Cosmological parameters. <i>Astronomy and Astrophysics</i> , 2014, 571, A16.	5.1	4,703
2	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2617-2652.	4.4	1,906
3	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
4	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158
5	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	5.1	948
6	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 17.	7.7	820
7	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. <i>Physical Review Letters</i> , 2015, 114, 101301.	7.8	819
8	<i>Planck</i> 2013 results. XXII. Constraints on inflation. <i>Astronomy and Astrophysics</i> , 2014, 571, A22.	5.1	806
9	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	5.1	566
10	Cosmological implications of baryon acoustic oscillation measurements. <i>Physical Review D</i> , 2015, 92, .	4.7	487
11	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	5.1	465
12	<i>Planck</i> early results. I. The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2011, 536, A1.	5.1	394
13	<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
14	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A108.	5.1	375
15	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	5.1	367
16	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	5.1	364
17	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A107.	5.1	359
18	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	5.1	350

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19	<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
20	<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
21	<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
22	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	5.1	272
23	<i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	5.1	268
24	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	5.1	224
25	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	5.1	216
26	<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
27	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A109.	5.1	185
28	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	5.1	184
29	High-sensitivity measurements of the cosmic microwave background power spectrum with the extended Very Small Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 732-746.	4.4	183
30	<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
31	<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
32	<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
33	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	5.1	173
34	<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
35	<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
36	<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

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37	<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
38	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the large-scale two-point correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 415-437.	4.4	151
39	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	5.1	144
40	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	5.1	141
41	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
42	<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
43	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 607, A95.	5.1	131
44	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. <i>Astronomy and Astrophysics</i> , 2017, 607, A107.	5.1	127
45	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	5.1	126
46	<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
47	Detection of Anomalous Microwave Emission in the Perseus Molecular Cloud with the COSMOSOMAS Experiment. <i>Astrophysical Journal</i> , 2005, 624, L89-L92.	4.5	124
48	<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
49	<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
50	<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
51	<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
52	<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
53	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	5.1	100
54	The cosmic microwave background power spectrum out to $\hat{\Lambda} = 1400$ measured by the Very Small Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, L23-L28.	4.4	98

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55	<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
56	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i> . <i>Astronomy and Astrophysics</i> , 2011, 536, A2.	5.1	91
57	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A103.	5.1	89
58	<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
59	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3781-3793.	4.4	88
60	First results from the Very Small Array – III. The cosmic microwave background power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 1076-1083.	4.4	83
61	Cosmological parameter estimation using Very Small Array data out to $z = 1500$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 747-759.	4.4	82
62	Lines in the cosmic microwave background spectrum from the epoch of cosmological hydrogen recombination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1939-1952.	4.4	82
63	Lines in the cosmic microwave background spectrum from the epoch of cosmological helium recombination. <i>Astronomy and Astrophysics</i> , 2008, 485, 377-393.	5.1	81
64	<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
65	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A5.	5.1	77
66	<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
67	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	5.1	74
68	The State-of-Play of Anomalous Microwave Emission (AME) research. <i>New Astronomy Reviews</i> , 2018, 80, 1-28.	12.8	73
69	<i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6+27.3, an exceptionally X-ray luminous and massive galaxy cluster at $z = 1$ . <i>Astronomy and Astrophysics</i> , 2011, 536, A26.	5.1	72
70	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	5.1	69
71	First results from the Very Small Array – I. Observational methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 1057-1165.	4.4	68
72	Cosmological hydrogen recombination: populations of the high-level substates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 1310-1320.	4.4	67

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73	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	5.1	67
74	<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
75	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A110.	5.1	64
76	Effect of primordial magnetic fields on the ionization history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2244-2250.	4.4	63
77	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61
78	QUIJOTE scientific results â€“ I. Measurements of the intensity and polarisation of the anomalous microwave emission in the Perseus molecular complex. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 4169-4182.	4.4	58
79	<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
80	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
81	Estimating the impact of recombination uncertainties on the cosmological parameter constraints from cosmic microwave background experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 439-452.	4.4	53
82	Triaxial stellar systems following the $r^{1/n}$ luminosity law: an analytical mass-density expression, gravitational torques and the bulge/disc interplay. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 510-516.	4.4	52
83	Radio source calibration for the Very Small Array and other cosmic microwave background instruments at around 30 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1775-1786.	4.4	52
84	QUIJOTE scientific results â€“ II. Polarisation measurements of the microwave emission in the Galactic molecular complexes W43 and W47 and supernova remnant W44. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4107-4132.	4.4	51
85	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2012, 543, A102.	5.1	50
86	First results from the Very Small Array – IV. Cosmological parameter estimation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 1084-1092.	4.4	48
87	<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.	5.1	46
88	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 599, A51.	5.1	46
89	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A100.	5.1	44
90	Exploring cosmic origins with CORE: <i>B</i>-mode component separation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 023-023.	5.4	44

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91	Cosmological parameter estimation and Bayesian model comparison using Very Small Array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, L29-L34.	4.4	43
92	Very Small Array observations of the anomalous microwave emission in the Perseus region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1969-1979.	4.4	43
93	First results from the Very Small Array – II. Observations of the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 1066-1075.	4.4	42
94	RICO: A NEW APPROACH FOR FAST AND ACCURATE REPRESENTATION OF THE COSMOLOGICAL RECOMBINATION HISTORY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 181, 627-638.	7.7	42
95	CONSTRAINTS ON THE POLARIZATION OF THE ANOMALOUS MICROWAVE EMISSION IN THE PERSEUS MOLECULAR COMPLEX FROM SEVEN-YEAR WMAP DATA. <i>Astrophysical Journal</i> , 2011, 729, 25.	4.5	42
96	Planck 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	5.1	41
97	Polarization Observations of the Anomalous Microwave Emission in the Perseus Molecular Complex with the COSMOSOMAS Experiment. <i>Astrophysical Journal</i> , 2006, 645, L141-L144.	4.5	40
98	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from DR12 galaxy clustering $\kappa^{\text{eff}}$ towards an accurate model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2370-2390.	4.4	39
99	Bayesian inversion of Stokes profiles. <i>Astronomy and Astrophysics</i> , 2007, 476, 959-970.	5.1	38
100	Source subtraction for the extended Very Small Array and 33-GHz source count estimates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 340-353.	4.4	36
101	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A104.	5.1	36
102	On the presence of thermal Sunyaev-Zel'dovich induced signal in the first-year WMAP temperature maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 403-410.	4.4	35
103	Discriminating between unresolved point sources and 'negative' Sunyaev-Zel'dovich clusters in cosmic microwave background maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 1155-1174.	4.4	32
104	COSMOSOMAS observations of the cosmic microwave background and Galactic foregrounds at 11 GHz: evidence for anomalous microwave emission at high Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 594-608.	4.4	29
105	Discovery of a massive supercluster system at $z \sim 0.47$ . <i>Astronomy and Astrophysics</i> , 2016, 588, L4.	5.1	29
106	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 018-018.	5.4	29
107	Improved CMB anisotropy constraints on primordial magnetic fields from the post-recombination ionization history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 185-195.	4.4	27
108	A Very Small Array search for the extended Sunyaev-Zel'dovich effect in the Corona Borealis supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 79-92.	4.4	26

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109	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	5.1	25
110	Exploring cosmic origins with CORE: The instrument. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	5.4	25
111	Observations of the Polarisation of the Anomalous Microwave Emission: A Review. Advances in Astronomy, 2012, 2012, 1-15.	1.1	24
112	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A101.	5.1	24
113	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2017, 607, A122.	5.1	24
114	Optical Identifications of High-Redshift Galaxy Clusters from the Planck Sunyaevâ€Zeldovich Survey. Astronomy Letters, 2018, 44, 297-308.	1.0	24
115	Planck intermediate results. Astronomy and Astrophysics, 2016, 596, A106.	5.1	23
116	An eclipsing double-line spectroscopic binary at the stellar/substellar boundary in the Upper Scorpius OB association. Astronomy and Astrophysics, 2015, 584, A128.	5.1	23
117	Constraining the regular Galactic magnetic field with the 5-year WMAP polarization measurements at 22ÂGHz. Astronomy and Astrophysics, 2010, 522, A73.	5.1	21
118	MAGNETIC FIELDS AND THE OUTER ROTATION CURVE OF M31. Astrophysical Journal Letters, 2010, 723, L44-L48.	8.3	21
119	Observations of the cosmic microwave background and galactic foregrounds at 12-17-GHz with the COSMOSOMAS experiment. Monthly Notices of the Royal Astronomical Society, 2006, 370, 15-24.	4.4	20
120	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 020-020.	5.4	20
121	Optical validation and characterization of <i>Planck</i> PSZ1 sources at the Canary Islands observatories. Astronomy and Astrophysics, 2018, 616, A42.	5.1	20
122	DETECTION OF ANOMALOUS MICROWAVE EMISSION IN THE PLEIADES REFLECTION NEBULA WITH<i>WILKINSON MICROWAVE ANISOTROPY PROBE</i>AND THE COSMOSOMAS EXPERIMENT. Astrophysical Journal, 2011, 743, 67.	4.5	19
123	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	5.1	19
124	Comparison of Sunyaev-Zelâ€™dovich measurements from<i>Planck</i>and from the Arcminute Microkelvin Imager for 99 galaxy clusters. Astronomy and Astrophysics, 2015, 580, A95.	5.1	19
125	Exploring cosmic origins with CORE: Effects of observer peculiar motion. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	5.4	18
126	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 619, A94.	5.1	18



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127	The imprint of cosmological hydrogen recombination lines on the power spectrum of the CMB. <i>Astronomy and Astrophysics</i> , 2005, 438, 461-473.	5.1	17
128	Exploring cosmic origins with CORE: Cluster science. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 019-019.	5.4	17
129	Estimating the bispectrum of the Very Small Array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 887-902.	4.4	16
130	Prospects for high- $z$ cluster detections with <i>Planck</i> , based on a follow-up of 28 candidates using MegaCam at CFHT. <i>Astronomy and Astrophysics</i> , 2016, 587, A23.	5.1	16
131	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: towards a computationally efficient analysis without informative priors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4116-4133.	4.4	16
132	SN 2014J at M82 – I. A middle-class Type Ia supernova by all spectroscopic metrics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 525-537.	4.4	15
133	A 33-GHz Very Small Array survey of the Galactic plane from $\ell = 27^\circ$ to $46^\circ$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , no-no.	4.4	14
134	Detailed study of the microwave emission of the supernova remnant 3C 396. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4224-4232.	4.4	14
135	Exploring cosmic origins with CORE: Mitigation of systematic effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 022-022.	5.4	14
136	Searching for non-Gaussianity in the Very Small Array data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 973-982.	4.4	13
137	Non-Gaussianity in the Very Small Array cosmic microwave background maps with smooth goodness-of-fit tests. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 909-920.	4.4	13
138	On the influence of resonant scattering on cosmic microwave background polarization anisotropies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 1656-1668.	4.4	13
139	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. <i>Astronomy and Astrophysics</i> , 2015, 573, A6.	5.1	13
140	First EURONEAR NEA discoveries from La Palma using the INT... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1614-1624.	4.4	13
141	Characterization of a subsample of the <i>Planck</i> SZ source cluster catalogues using optical SDSS DR12 data. <i>Astronomy and Astrophysics</i> , 2018, 617, A71.	5.1	13
142	DARK MATTER, MAGNETIC FIELDS, AND THE ROTATION CURVE OF THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2012, 755, L23.	8.3	12
143	Observations of the Corona Borealis supercluster with the superextended Very Small Array: further constraints on the nature of the non-Gaussian cosmic microwave background cold spot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1127-1136.	4.4	11
144	Cosmological parameter forecasts by a joint 2D tomographic approach to CMB and galaxy clustering. <i>Physical Review D</i> , 2021, 103, .	4.7	11

#	ARTICLE	IF	CITATIONS
145	The spatial distribution of galaxies within the cosmic microwave background cold spot in the Corona Borealis supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 53-60.	4.4	9
146	Testing the conditional mass function of dark matter haloes against numerical N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3424-3442.	4.4	9
147	Measuring dark matter flows in merging clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2004, 419, 439-447.	5.1	9
148	A linear-filter approach to extracting the Rees-Sciama effect in merging clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2007, 467, 411-419.	5.1	8
149	QUIJOTE scientific results â€“ III. Microwave spectrum of intensity and polarization in the Taurus Molecular Cloud complex and L1527. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 462-485.	4.4	8
150	Cosmic microwave background observations from the Cosmic Background Imager and Very Small Array: a comparison of coincident maps and parameter estimation methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 1125-1135.	4.4	7
151	The Sunyaev-Ã€Ã€Zeldovich effect in superclusters of galaxies using gasdynamical simulations: the case of Corona Borealis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 1868-1880.	4.4	7
152	Gaussianity of the cosmic microwave background: smooth goodness-of-fit tests applied to interferometric data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 1559-1570.	4.4	6
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156	BOSS Great Wall: morphology, luminosity, and mass. <i>Astronomy and Astrophysics</i> , 2017, 603, A5.	5.1	6
157	Limits on Hot Intracluster Gas Contributions to the Tenerife Temperature Anisotropy Map. <i>Astrophysical Journal</i> , 2000, 538, 53-56.	4.5	5
158	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2018, 610, C1.	5.1	5
159	A High-Sensitivity Fourier Transform Spectrometer for Cosmic Microwave Background Observations. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 4516-4523.	4.7	5
160	A study of the galaxy redshift distribution towards the cosmic microwave background cold spot in the Corona Borealis supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1531-1540.	4.4	4
161	<i>Planck</i> intermediate results<i> (Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2013, 558, C2.	5.1	4
162	Optical validation and characterisation of <i>Planck</i> PSZ1 sources at the Canary Islands observatories. <i>Astronomy and Astrophysics</i> , 2020, 638, A146.	5.1	4

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163	A modified $\chi^2$ -test for cosmic microwave background analyses. Monthly Notices of the Royal Astronomical Society, 2003, 345, 221-232.	4.4	1