

# Rafael Rebolo

## List of Publications by Year in descending order

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498  
papers

48,413  
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505  
docs citations

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times ranked

22535  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
2	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
3	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
4	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
5	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
6	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
7	Joint Analysis of BICEP2</i> Keck Array</i> and<i> Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	7.8	819
8	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
9	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568
10	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566
11	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
12	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
13	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	5.1	465
14	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
15	<i>Planck</i> early results. I. The<i> Planck</i> mission. Astronomy and Astrophysics, 2011, 536, A1.	5.1	394
16	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	5.1	384
17	<i>Planck</i> 2013 results. XXIX. The<i> Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	5.1	380
18	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	5.1	367

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19	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	5.1	364
20	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
21	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
22	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A16.	5.1	338
23	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	5.1	335
24	<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
25	Discovery of Young, Isolated Planetary Mass Objects in the sigma Orionis Star Cluster. Science, 2000, 290, 103-107.	12.6	293
26	Discovery of a brown dwarf in the Pleiades star cluster. Nature, 1995, 377, 129-131.	27.8	276
27	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	5.1	276
28	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A19.	5.1	273
29	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
30	Statistical properties of exoplanets. Astronomy and Astrophysics, 2003, 398, 363-376.	5.1	237
31	A spectrograph for exoplanet observations calibrated at the centimetre-per-second level. Nature, 2012, 485, 611-614.	27.8	230
32	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	5.1	224
33	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	5.1	223
34	ESPRESSO at VLT. Astronomy and Astrophysics, 2021, 645, A96.	5.1	221
35	<i>Planck</i> 2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	5.1	216
36	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	5.1	210

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37	Oxygen Abundances in Unevolved Metal-poor Stars from Near-Ultraviolet OH Lines. <i>Astrophysical Journal</i> , 1998, 507, 805-817.	4.5	203
38	Spectroscopy of a brown dwarf candidate in the Alpha Persei open cluster. <i>Astrophysical Journal</i> , 1992, 389, L83.	4.5	201
39	MASTER Optical Detection of the First LIGO/Virgo Neutron Star Binary Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L1.	8.3	199
40	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	5.1	184
41	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
42	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A9.	5.1	182
43	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	5.1	182
44	Night-side condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
45	<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
46	A Search for Very Low Mass Stars and Brown Dwarfs in the Young $\rho$ Orionis Cluster. <i>Astrophysical Journal</i> , 1999, 521, 671-681.	4.5	174
47	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	5.1	173
48	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 612, A49.	5.1	173
49	Spectroscopy of New Substellar Candidates in the Pleiades: Toward a Spectral Sequence for Young Brown Dwarfs. <i>Astrophysical Journal</i> , 1996, 469, 706.	4.5	173
50	Brown Dwarfs in the Pleiades Cluster Confirmed by the Lithium Test. <i>Astrophysical Journal</i> , 1996, 469, L53-L56.	4.5	171
51	Evidence of a supernova origin for the black hole in the system GRO J1655 - 40. <i>Nature</i> , 1999, 401, 142-144.	27.8	167
52	ESPRESSO: The next European exoplanet hunter. <i>Astronomische Nachrichten</i> , 2014, 335, 8-20.	1.2	165
53	Evidence for planet engulfment by the star HD82943. <i>Nature</i> , 2001, 411, 163-166.	27.8	164
54	Enhanced lithium depletion in Sun-like stars with orbiting planets. <i>Nature</i> , 2009, 462, 189-191.	27.8	164

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55	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	5.1	162
56	The Substellar Mass Function in $\rho$ Orionis. Astrophysical Journal, 2001, 556, 830-836.	4.5	157
57	<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
58	Lithium and $H\alpha$ in stars and brown dwarfs of $\rho$ Orionis. Astronomy and Astrophysics, 2002, 384, 937-953.	5.1	155
59	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153
60	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	5.1	152
61	<i>Planck</i> 2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	5.1	144
62	A wide star-“black-hole binary system from radial-velocity measurements. Nature, 2019, 575, 618-621.	27.8	142
63	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	5.1	141
64	DISCOVERY OF A YOUNG PLANETARY MASS COMPANION TO THE NEARBY M DWARF VHS J125601.92-125723.9. Astrophysical Journal, 2015, 804, 96.	4.5	136
65	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	5.1	134
66	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.	5.1	134
67	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	5.1	133
68	CARMENES instrument overview. Proceedings of SPIE, 2014, , .	0.8	132
69	Magnetic cycles and rotation periods of late-type stars from photometric time series. Astronomy and Astrophysics, 2016, 595, A12.	5.1	130
70	Discovery of a Low-Mass Brown Dwarf Companion of the Young Nearby Star G 196-3&nbsp;, 1998, 282, 1309-1312.		128
71	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	5.1	126
72	<i>Planck</i> early results. IX. <i>XMM-Newton</i> follow-up for validation of <i>Planck</i> cluster candidates. Astronomy and Astrophysics, 2011, 536, A9.	5.1	126

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73	<i>Planck</i> pre-launch status: Design and description of the Low Frequency Instrument. <i>Astronomy and Astrophysics</i> , 2010, 520, A4.	5.1	125
74	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
75	<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
76	<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
77	Rotation periods of late-type dwarf stars from time series high-resolution spectroscopy of chromospheric indicators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2745-2756.	4.4	121
78	<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
79	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A12.	5.1	117
80	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	5.1	116
81	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A21.	5.1	114
82	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A132.	5.1	109
83	A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018, 563, 365-368.	27.8	109
84	The substellar mass function in $\rho$ Orionis. <i>Astronomy and Astrophysics</i> , 2007, 470, 903-918.	5.1	108
85	<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
86	A Methane, Isolated, Planetary-Mass Object in Orion. <i>Astrophysical Journal</i> , 2002, 578, 536-542.	4.5	108
87	Discovery of a Wide Companion near the Deuterium-burning Mass Limit in the Upper Scorpius Association. <i>Astrophysical Journal</i> , 2008, 673, L185-L189.	4.5	106
88	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A139.	5.1	106
89	<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
90	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	5.1	103

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91	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, A117.	5.1	103
92	Lithium in stars with exoplanets. <i>Astronomy and Astrophysics</i> , 2004, 414, 601-611.	5.1	102
93	A spectroscopic test for substellar objects. <i>Astrophysical Journal</i> , 1993, 404, L17.	4.5	102
94	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A140.	5.1	101
95	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	5.1	100
96	Sensitive measurement of fluctuations in the cosmic microwave background. <i>Nature</i> , 1987, 326, 462-465.	27.8	99
97	Direct observation of structure in the cosmic microwave background. <i>Nature</i> , 1994, 367, 333-338.	27.8	98
98	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
99	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A49.	5.1	95
100	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A134.	5.1	94
101	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
102	<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
103	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i>. <i>Astronomy and Astrophysics</i> , 2011, 536, A2.	5.1	91
104	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	5.1	91
105	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	5.1	90
106	Cross-Correlation of Tenerife Data with Galactic Templatesâ€”Evidence for Spinning Dust?. <i>Astrophysical Journal</i> , 1999, 527, L9-L12.	4.5	90
107	Li depletion in solar analogues with exoplanets. <i>Astronomy and Astrophysics</i> , 2014, 562, A92.	5.1	89
108	<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

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109	Oxygen in the Very Early Galaxy. <i>Astrophysical Journal</i> , 2001, 551, 833-851.	4.5	85
110	Galactic evolution of nitrogen. <i>Astronomy and Astrophysics</i> , 2004, 421, 649-658.	5.1	84
111	Keck NIRC Observations of Planetary-Mass Candidate Members in the $\beta$ Orionis Open Cluster. <i>Astrophysical Journal</i> , 2001, 558, L117-L121.	4.5	83
112	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
113	The Quest for Microwave Foreground X. <i>Astrophysical Journal</i> , 2004, 606, L89-L92.	4.5	83
114	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
115	<i>Planck</i> pre-launch status: The <i>Planck</i> -LFI programme. <i>Astronomy and Astrophysics</i> , 2010, 520, A3.	5.1	81
116	Revisiting Proxima with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 639, A77.	5.1	81
117	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	5.1	80
118	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 561, A97.	5.1	80
119	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A22.	5.1	80
120	<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
121	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A2.	5.1	79
122	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
123	Oxygen abundances in planet-harboring stars. <i>Astronomy and Astrophysics</i> , 2006, 445, 633-645.	5.1	77
124	<i>Planck</i> early results. V. The Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2011, 536, A5.	5.1	77
125	Atmospheric Rossiter-McLaughlin effect and transmission spectroscopy of WASP-121b with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 645, A24.	5.1	75
126	<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



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127	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	5.1	74
128	Na I and H<math>\pm</math> absorption features in the atmosphere of MASCARA-2b/KELT-20b. Astronomy and Astrophysics, 2018, 616, A151.	5.1	73
129	<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 <math>z \sim 1</math>. Astronomy and Astrophysics, 2011, 536, A26.	5.1	72
130	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
131	Oxygen abundances in unevolved metal-poor stars - Interpretation and consequences. Astrophysical Journal, 1989, 347, 186.	4.5	70
132	The First L-Type Brown Dwarf in the Pleiades. Astrophysical Journal, 1998, 507, L41-L44.	4.5	69
133	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	5.1	69
134	First results from the Very Small Array – I. Observational methods. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1057-1165.	4.4	68
135	<i>Planck</i> intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. Astronomy and Astrophysics, 2015, 576, A106.	5.1	68
136	<i>Planck</i> 2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	5.1	67
137	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	5.1	67
138	Characterization of the radial velocity signal induced by rotation in late-type dwarfs. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4772-4781.	4.4	65
139	Optical spectroscopy of isolated planetary mass objects in the $\sigma$ Orionis cluster. Astronomy and Astrophysics, 2001, 377, L9-L13.	5.1	64
140	A New Spin on Galactic Dust. Astrophysical Journal, 2002, 567, 363-369.	4.5	64
141	A New Pleiades Member at the Lithium Substellar Boundary. Astrophysical Journal, 1998, 499, L61-L64.	4.5	63
142	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	5.1	63
143	New Brown Dwarfs in the Pleiades Cluster. Astrophysical Journal, 1997, 491, L81-L84.	4.5	62
144	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	5.1	62

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145	ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158.	5.1	62
146	Lithium abundances in classical and weak T Tauri stars. <i>Astrophysical Journal</i> , 1992, 392, 159.	4.5	62
147	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	5.1	61
148	Stellar parameters of early-M dwarfs from ratios of spectral features at optical wavelengths. <i>Astronomy and Astrophysics</i> , 2015, 577, A132.	5.1	60
149	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A31.	5.1	59
150	CARMENES: an overview six months after first light. <i>Proceedings of SPIE</i> , 2016, , .	0.8	59
151	Candidate free-floating super-Jupiters in the young $\rho$ Orionis open cluster. <i>Astronomy and Astrophysics</i> , 2009, 506, 1169-1182.	5.1	58
152	QUIJOTE scientific results – 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
153	Cu and Zn in the early Galaxy. <i>Astronomy and Astrophysics</i> , 2004, 423, 777-786.	5.1	58
154	The mass ratio of Nova Muscae 1991. <i>New Astronomy</i> , 1997, 1, 299-310.	1.8	57
155	Oxygen Abundances in Metal Poor Subgiant Stars from the O I Triplet. <i>Publications of the Astronomical Society of the Pacific</i> , 1997, 109, 226.	3.1	56
156	Planck 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A4.	5.1	56
157	Li abundances in late-type companions to neutron stars and black hole candidates. <i>Astrophysical Journal</i> , 1994, 435, 791.	4.5	56
158	Planck intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	5.1	55
159	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A141.	5.1	55
160	Planck 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A5.	5.1	55
161	The $\rho$ Orionis substellar population. <i>Astronomy and Astrophysics</i> , 2003, 404, 171-185.	5.1	55
162	Photometric variability of young brown dwarfs in the $\sigma$ Orionis open cluster. <i>Astronomy and Astrophysics</i> , 2004, 424, 857-872.	5.1	55

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163	SPACE: the spectroscopic all-sky cosmic explorer. <i>Experimental Astronomy</i> , 2009, 23, 39-66.	3.7	54
164	A search for interstellar anthracene towards the Perseus anomalous microwave emission region. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2157-2165.	4.4	54
165	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	5.1	54
166	A census of very-low-mass stars and brown dwarfs in the <i>Îf</i> Orionis cluster. <i>Astronomy and Astrophysics</i> , 2009, 505, 1115-1127.	5.1	54
167	Constraints to the masses of brown dwarf candidates from the lithium test. <i>Astrophysical Journal</i> , 1994, 436, 262.	4.5	54
168	Boron in Very Metal-poor Stars. <i>Astrophysical Journal</i> , 1998, 500, 241-256.	4.5	52
169	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
170	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A133.	5.1	52
171	Fast orbital decays of black hole X-ray binaries: XTE J1118+480 and A0620-00. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 438, L21-L25.	3.3	51
172	HADES RV program with HARPS-N at the TNG GJ 3998: An early M-dwarf hosting a system of super-Earths. <i>Astronomy and Astrophysics</i> , 2016, 593, A117.	5.1	51
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