JosÃ© A Caballero

List of Publications by Year
in descending order

201	6,451	53794 45	98798 67
papers	citations	h-index	g-index

203	203	203	3237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectrum radial velocity analyser (SERVAL). Astronomy and Astrophysics, 2018, 609, A12.	5.1	266
2	Ground-based detection of an extended helium atmosphere in the Saturn-mass exoplanet WASP-69b. Science, 2018, 362, 1388-1391.	12.6	174
3	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 612, A49.	5.1	173
4	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2015, 577, A128.	5.1	143
5	CARMENES instrument overview. Proceedings of SPIE, 2014, , .	0.8	132
6	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 625, A68.	5.1	123
7	Detection of Heâ€Î»10830 â„« absorption on HD 189733 b with CARMENES high-resolution transmission spectroscopy. Astronomy and Astrophysics, 2018, 620, A97.	5.1	120
8	A candidate super-Earth planet orbiting near the snow line of Barnardâ€™s star. Nature, 2018, 563, 365-368.	27.8	109
9	The substellar mass function inÏƒÂOrionis. Astronomy and Astrophysics, 2007, 470, 903-918.	5.1	108
10	A Methane, Isolated, Planetaryâ€Mass Object in Orion. Astrophysical Journal, 2002, 578, 536-542.	4.5	108
11	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, A117.	5.1	103
12	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. Astronomy and Astrophysics, 2019, 628, A39.	5.1	97
13	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 627, A49.	5.1	95
14	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2020, 642, A115.	5.1	93
15	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2018, 614, A76.	5.1	92
16	Ionized calcium in the atmospheres of two ultra-hot exoplanets WASP-33b and KELT-9b. Astronomy and Astrophysics, 2019, 632, A69.	5.1	85
17	Heâ€ÌÎ»10â€‰830 â„« in the transmission spectrum of HD209458 b. Astronomy and Astrophysics, 2019, 629, A110.	5.1	81
18	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. Science, 2019, 365, 1441-1445.	12.6	78

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19	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 615, A6.	5.1	73
20	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2019, 621, A126.	5.1	73
21	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 623, A44.	5.1	70
22	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 653, A114.	5.1	67
23	A Heâ€¯I upper atmosphere around the warm Neptune GJ 3470 b. Astronomy and Astrophysics, 2020, 638, A61.	5.1	65
24	Magnetic fields in M dwarfs from the CARMENES survey. Astronomy and Astrophysics, 2019, 626, A86.	5.1	63
25	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2017, 597, A47.	5.1	60
26	Contamination by field late-M, L, and T dwarfs inÂdeepÂsurveys. Astronomy and Astrophysics, 2008, 488, 181-190.	5.1	59
27	CARMENES: an overview six months after first light. Proceedings of SPIE, 2016, , .	0.8	59
28	Candidate free-floating super-Jupiters in the young Ïƒ Orionis open cluster. Astronomy and Astrophysics, 2009, 506, 1169-1182.	5.1	58
29	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 627, A161.	5.1	58
30	Multiple water band detections in the CARMENES near-infrared transmission spectrum of HD 189733 b. Astronomy and Astrophysics, 2019, 621, A74.	5.1	57
31	Photometric variability of young brown dwarfs in the $mathsf{sigma}$ Orionis open cluster. Astronomy and Astrophysics, 2004, 424, 857-872.	5.1	55
32	The brightest stars of theÏƒÂOrionis cluster. Astronomy and Astrophysics, 2007, 466, 917-930.	5.1	53
33	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 614, A122.	5.1	51
34	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 636, A36.	5.1	51
35	Optical Linear Polarization of Late M and L Type Dwarfs. Astrophysical Journal, 2005, 621, 445-460.	4.5	51
36	Stars and brown dwarfs in theÏƒOrionis cluster: the Mayrit catalogue. Astronomy and Astrophysics, 2008, 478, 667-674.	5.1	50

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37	Near-infrared low-resolution spectroscopy of Pleiades L-type brown dwarfs. Astronomy and Astrophysics, 2010, 519, A93.	5.1	50
38	Modelling the Heâ€¯I triplet absorption at 10 830 â„« in the atmosphere of HD 209458 b. Astronomy and Astrophysics, 2020, 636, A13.	5.1	49
39	Pleiades low-mass brown dwarfs: the cluster L dwarf sequence. Astronomy and Astrophysics, 2006, 458, 805-816.	5.1	49
40	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 615, A14.	5.1	48
41	Calibrating the metallicity of M dwarfs in wide physical binaries with F-, G-, and K-primaries â€“ I: High-resolution spectroscopy with HERMES: stellar parameters, abundances, and kinematicsâ€¦. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1332-1382.	4.4	48
42	Spatial distribution of stars and brown dwarfs in Ïƒ Orionis. Monthly Notices of the Royal Astronomical Society, 0, 383, 375-382.	4.4	47
43	CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph. Proceedings of SPIE, 2010, , .	0.8	47
44	Is there Naâ€¯I in the atmosphere of HD 209458b?. Astronomy and Astrophysics, 2020, 635, A206.	5.1	47
45	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A173.	5.1	47
46	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, L5.	5.1	46
47	The 10 parsec sample in the Gaia era. Astronomy and Astrophysics, 2021, 650, A201.	5.1	46
48	Reaching the boundary between stellar kinematic groups and very wide binaries. Astronomy and Astrophysics, 2009, 507, 251-259.	5.1	46
49	Southern Very Low Mass Stars and Brown Dwarfs in Wide Binary and Multiple Systems. Astrophysical Journal, 2007, 667, 520-526.	4.5	45
50	Water vapor detection in the transmission spectra of HD 209458 b with the CARMENES NIR channel. Astronomy and Astrophysics, 2019, 630, A53.	5.1	45
51	Dynamical parallax of Ïƒ Ori AB: mass, distance and age. Monthly Notices of the Royal Astronomical Society, 0, 383, 750-754.	4.4	44
52	The Gaia ultracool dwarf sample â€“ I. Known L and T dwarfs and the first Gaia data release. Monthly Notices of the Royal Astronomical Society, 2017, 469, 401-415.	4.4	44
53	CARMENES. I: instrument and survey overview. Proceedings of SPIE, 2012, , .	0.8	43
54	The CARMENES Search for Exoplanets around M Dwarfs: A Low-mass Planet in the Temperate Zone of the Nearby K2-18. Astronomical Journal, 2018, 155, 257.	4.7	43

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55	MONOS: Multiplicity Of Northern O-type Spectroscopic systems. Astronomy and Astrophysics, 2019, 626, A20.	5.1	42
56	A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. Science, 2021, 371, 1038-1041.	12.6	41
57	ORBITAL AND PHYSICAL PROPERTIES OF THE Ïƒ Ori Aa, Ab, B TRIPLE SYSTEM. Astrophysical Journal, 2015, 799, 169.	4.5	40
58	A search for substellar members in the Praesepe andÂ$mathsf{sigma}$ÂOrionisÂclusters. Astronomy and Astrophysics, 2006, 460, 799-810.	5.1	40
59	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 656, A162.	5.1	40
60	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. Nature Astronomy, 2022, 6, 232-240.	10.1	40
61	Reaching the boundary between stellar kinematic groups and very wide binaries. Astronomy and Astrophysics, 2010, 514, A98.	5.1	39
62	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. Astronomical Journal, 2021, 162, 295.	4.7	39
63	J-PLUS: Identification of low-metallicity stars with artificial neural networks using SPHINX. Astronomy and Astrophysics, 2019, 622, A182.	5.1	38
64	Reaching the boundary between stellar kinematic groups and very wide binaries. Astronomy and Astrophysics, 2015, 583, A85.	5.1	37
65	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 618, A115.	5.1	37
66	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
67	THE SUBSTELLAR POPULATION OF Ïƒ ORIONIS: A DEEP WIDE SURVEY. Astrophysical Journal, 2011, 743, 64.	4.5	36
68	The GaiaÂultracool dwarf sample â€“ II. Structure at the end of the main sequence. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4423-4440.	4.4	36
69	Search for free-floating planetary-mass objects in the Pleiades. Astronomy and Astrophysics, 2014, 568, A77.	5.1	36
70	Are isolated planetary-mass objects really isolated?. Astronomy and Astrophysics, 2006, 460, 635-640.	5.1	35
71	The widest ultracool binary. Astronomy and Astrophysics, 2007, 462, L61-L64.	5.1	34
72	Chemical abundances of late-type pre-main sequence stars in the ÏƒÂOrionis cluster. Astronomy and Astrophysics, 2008, 490, 1135-1142.	5.1	34

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73	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. Astronomy and Astrophysics, 2020, 639, A132.	5.1	33
74	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 641, A69.	5.1	33
75	Young stars and brown dwarfs surrounding Alnilam (ÏµÂOrionis) and Mintaka (Î´ÂOrionis). Astronomy and Astrophysics, 2008, 485, 931-949.	5.1	32
76	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 643, A112.	5.1	31
77	Detection of the hydrogen Balmer lines in the ultra-hot Jupiter WASP-33b. Astronomy and Astrophysics, 2021, 645, A22.	5.1	31
78	Photometric variability of a young, low-mass brown dwarf. Astronomy and Astrophysics, 2003, 408, 663-673.	5.1	31
79	Discs of planetary-mass objects in $mathsf{sigma}$ Orionis. Astronomy and Astrophysics, 2007, 472, L9-L12.	5.1	30
80	New constraints on the membership of the T dwarf S Ori 70 in theÏƒÂOrionisÂcluster. Astronomy and Astrophysics, 2008, 477, 895-900.	5.1	30
81	HRC-I/ChandraX-ray observations towardsÏƒÂOrionis. Astronomy and Astrophysics, 2010, 521, A45.	5.1	29
82	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 619, A32.	5.1	29
83	Exomoons in the Habitable Zones of M Dwarfs. Astrophysical Journal, 2019, 887, 261.	4.5	29
84	CARMENES detection of the Caâ€¯II infrared triplet and possible evidence of Heâ€¯I in the atmosphere of WASP-76b. Astronomy and Astrophysics, 2021, 654, A163.	5.1	29
85	HÎ± and Heâ€¯I absorption in HAT-P-32 b observed with CARMENES. Astronomy and Astrophysics, 2022, 657, A6.	5.1	29
86	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 640, A50.	5.1	28
87	NEAR-INFRARED LINEAR POLARIZATION OF ULTRACOOL DWARFS. Astrophysical Journal, 2011, 740, 4.	4.5	27
88	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). Astronomy and Astrophysics, 2020, 642, A236.	5.1	27
89	Modelling the He I triplet absorption at 10 830 â„« in the atmospheres of HD 189733 b and GJ 3470 b. Astronomy and Astrophysics, 2021, 647, A129.	5.1	27
90	An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. Astronomy and Astrophysics, 2021, 650, A78.	5.1	27

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91	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 644, A127.	5.1	27
92	Sâ€‰OriÂJ053825.4-024241: a classical TÂTauri-like object at the substellar boundary. Astronomy and Astrophysics, 2006, 445, 143-153.	5.1	26
93	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 620, A171.	5.1	26
94	Low-resolution spectroscopy and spectral energy distributions of selected sources towardsÏƒÂOrionis. Astronomy and Astrophysics, 2008, 491, 515-523.	5.1	24
95	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 636, A119.	5.1	24
96	Brown dwarfs and very low mass stars in the Praesepe open cluster: a dynamically unevolved mass function?. Astronomy and Astrophysics, 2010, 510, A27.	5.1	24
97	CLOUDS search for variability in brown dwarf atmospheres. Astronomy and Astrophysics, 2008, 487, 277-292.	5.1	23
98	A THIRD MASSIVE STAR COMPONENT IN THE σ ORIONIS AB SYSTEM. Astrophysical Journal, 2011, 742, 55.	4.5	23
99	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 652, A28.	5.1	23
100	Polarisation of very-low-mass stars and brown dwarfs. Astronomy and Astrophysics, 2009, 502, 929-936.	5.1	23
101	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 640, A52.	5.1	23
102	INFRARED AND KINEMATIC PROPERTIES OF THE SUBSTELLAR OBJECT G 196-3 B. Astrophysical Journal, 2010, 715, 1408-1418.	4.5	22
103	TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. Astronomy and Astrophysics, 2021, 656, A124.	5.1	22
104	Spectroscopic follow-up of L- and T-type proper-motion member candidates in the Pleiades. Astronomy and Astrophysics, 2014, 572, A67.	5.1	20
105	Lucky Spectroscopy, an equivalent technique to Lucky Imaging. Astronomy and Astrophysics, 2018, 615, A161.	5.1	19
106	Evidence of energy-, recombination-, and photon-limited escape regimes in giant planet H/He atmospheres. Astronomy and Astrophysics, 2021, 648, L7.	5.1	19
107	Mass and density of the transiting hot and rocky super-Earth LHS 1478 b (TOI-1640 b). Astronomy and Astrophysics, 2021, 649, A144.	5.1	19
108	CARMENES input catalog of M dwarfs. Astronomy and Astrophysics, 2021, 652, A116.	5.1	19

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109	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A22.	5.1	19
110	Efficient scheduling of astronomical observations. Astronomy and Astrophysics, 2017, 604, A87.	5.1	18
111	A Review on Substellar Objects below the Deuterium Burning Mass Limit: Planets, Brown Dwarfs or What?. Geosciences (Switzerland), 2018, 8, 362.	2.2	18
112	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 623, A24.	5.1	18
113	Gliese 49: activity evolution and detection of a super-Earth. Astronomy and Astrophysics, 2019, 624, A123.	5.1	18
114	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 622, A153.	5.1	18
115	Metallicities in M dwarfs: Investigating different determination techniques. Astronomy and Astrophysics, 2022, 658, A194.	5.1	18
116	CARMENES: data flow. Proceedings of SPIE, 2016, , .	0.8	17
117	New deepXMM-Newtonobservations to the west ofÂtheÂÏƒÂOrionisÂcluster. Astronomy and Astrophysics, 2008, 491, 961-977.	5.1	16
118	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 638, A16.	5.1	16
119	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 632, A24.	5.1	15
120	Stars and brown dwarfs in theÏƒÂOrionis cluster. Astronomy and Astrophysics, 2010, 514, A18.	5.1	15
121	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A27.	5.1	15
122	A revisit to agglomerates of earlyâ€type Hipparcos stars. Astronomische Nachrichten, 2008, 329, 801-834.	1.2	14
123	X-RAY VARIABILITY OF Ïƒ ORIONIS YOUNG STARS AS OBSERVED WITHROSAT. Astronomical Journal, 2009, 137, 5012-5021.	4.7	14
124	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 650, A188.	5.1	14
125	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 654, A118.	5.1	14
126	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A227.	5.1	14

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127	The Substellar Population in the Young Â Orionis Cluster, Spatial Distribution. Astrophysics and Space Science, 2004, 292, 339-346.	1.4	13
128	The substellar mass function in the central region of the open cluster Praesepe from deep LBT observations. Astronomy and Astrophysics, 2011, 531, A164.	5.1	13
129	Detection and Doppler monitoring of K2-285 (EPIC 246471491), a system of four transiting planets smaller than Neptune. Astronomy and Astrophysics, 2019, 623, A41.	5.1	13
130	All-sky visible and near infrared space astrometry. Experimental Astronomy, 2021, 51, 783-843.	3.7	13
131	Discriminating between hazy and clear hot-Jupiter atmospheres with CARMENES. Astronomy and Astrophysics, 2020, 643, A24.	5.1	13
132	Ultra low-mass star and substellar formation inÏƒ Orionis. Astronomische Nachrichten, 2005, 326, 1007-1010.	1.2	12
133	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 637, A93.	5.1	12
134	Stellar atmospheric parameters of FGK-type stars from high-resolution optical and near-infrared CARMENES spectra. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5470-5507.	4.4	12
135	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 657, A125.	5.1	12
136	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A48.	5.1	12
137	SEARCH FOR BRIGHT NEARBY M DWARFS WITH VIRTUAL OBSERVATORY TOOLS. Astronomical Journal, 2014, 148, 36.	4.7	11
138	Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. Astronomy and Astrophysics, 2019, 623, A114.	5.1	11
139	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 627, A116.	5.1	11
140	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 653, A49.	5.1	11
141	Probing the atmosphere of WASP-69 b with low- and high-resolution transmission spectroscopy. Astronomy and Astrophysics, 2021, 656, A142.	5.1	11
142	Albus 1: A Very Bright White Dwarf Candidate. Astrophysical Journal, 2007, 665, L151-L154.	4.5	10
143	A nearâ€infrared/optical/Xâ€ray survey in the centre of Ïƒ Orionis. Astronomische Nachrichten, 2007, 328, 917-927.	1.2	10
144	CARMENES in SPIE 2014. Building a fibre link for CARMENES. Proceedings of SPIE, 2014, , .	0.8	10

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145	Ultracool dwarf benchmarks with Gaia primaries. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4885-4907.	4.4	10
146	Stars and brown dwarfs in the Ïƒ Orionis cluster. Astronomy and Astrophysics, 2019, 629, A114.	5.1	10
147	The widest broadband transmission spectrum (0.38â€“1.71Î¼m) of HD 189733b from ground-based chromatic Rossiterâ€“McLaughlin observations. Astronomy and Astrophysics, 2020, 643, A64.	5.1	10
148	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. Astronomical Journal, 2022, 163, 133.	4.7	10
149	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 623, A136.	5.1	9
150	Galactic extinction laws â€“ II. Hidden in plain sight, a new interstellar absorption band at 7700ÂÃ… broader than any known DIB. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2487-2503.	4.4	9
151	Three planets transiting the evolved star EPIC 249893012: a hot 8.8-M_{âŠ•} super-Earth and two warm 14.7 and 10.2-M_{âŠ•} sub-Neptunes. Astronomy and Astrophysics, 2020, 636, A89.	5.1	9
152	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. Astronomy and Astrophysics, 2022, 659, A17.	5.1	9
153	CARMENES: Calar Alto high-Resolution search for M dwarfs with Exo-earths with Near-infrared and optical Echelle Spectrographs. Proceedings of the International Astronomical Union, 2010, 6, 545-546.	0.0	8
154	The occultation events of the Herbig Ae/Be star V1247ÂOrionis. Astronomy and Astrophysics, 2010, 511, L9.	5.1	8
155	Identification of blue high proper motion objects in the Tycho-2 and 2MASS catalogues using Virtual Observatory tools. Astronomy and Astrophysics, 2011, 525, A29.	5.1	8
156	CARMENES. II: optical and opto-mechanical design. , 2012, , .		8
157	Identification of red high proper-motion objects in Tycho-2 and 2MASS catalogues using Virtual Observatory tools. Astronomy and Astrophysics, 2012, 539, A86.	5.1	8
158	A super-Earth on a close-in orbit around the M1V star GJ 740. Astronomy and Astrophysics, 2021, 648, A20.	5.1	7
159	GRB 051028: an intrinsically faint gamma-ray burst at high redshift?. Astronomy and Astrophysics, 2006, 459, 763-767.	5.1	7
160	A multi-planetary system orbiting the early-M dwarf TOI-1238. Astronomy and Astrophysics, 2022, 658, A138.	5.1	7
161	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A68.	5.1	7
162	Constraints on the substellar companions in wide orbits around the Barnard's Star from CanariCam mid-infrared imaging. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1677-1683.	4.4	6

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163	A <scp>TGAS</scp>/Gaia<scp>DR1</scp> parallactic distance to the Ïƒ Orionis cluster. Astronomische Nachrichten, 2017, 338, 629-634.	1.2	6
164	J-PLUS: Discovery and characterisation of ultracool dwarfs using Virtual Observatory tools. Astronomy and Astrophysics, 2019, 627, A29.	5.1	6
165	The GaiaÂUltra-Cool Dwarf Sample â€“ III: seven new multiple systems containing at least one GaiaÂDR2 ultracool dwarf.. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4891-4906.	4.4	6
166	Simultaneous photometric and CARMENES spectroscopic monitoring of fast-rotating M dwarf GJ 3270. Astronomy and Astrophysics, 2021, 651, A105.	5.1	5
167	Stars and brown dwarfs in theÏƒÂOrionis cluster. Astronomy and Astrophysics, 2012, 546, A59.	5.1	5
168	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 638, A115.	5.1	5
169	Moderately misaligned orbit of the warm sub-Saturn HD332231 b. Astronomy and Astrophysics, 0, , .	5.1	5
170	Variability of L Dwarfs in the Near Infrared. Symposium - International Astronomical Union, 2003, 211, 455-456.	0.1	4
171	Clues to Substellar Formation: Rotation and the Low-Mass End of the Initial Mass Function. Astrophysics and Space Science, 2004, 292, 673-679.	1.4	4
172	Finding the most variable stars in the Orion Belt with the All Sky Automated Survey. Astronomische Nachrichten, 2010, 331, 257-273.	1.2	4
173	The magnetically-active, low-mass, triple system WDSÂ19312+3607. Astronomy and Astrophysics, 2010, 520, A91.	5.1	4
174	Formation, Evolution and Multiplicity of Brown Dwarfs and Giant Exoplanets. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 79-90.	0.3	4
175	CARMENES (III): an innovative and challenging cooling system for an ultra-stable NIR spectrograph. Proceedings of SPIE, 2012, , .	0.8	3
176	CARMENES: Blue planets orbiting red dwarfs. EPJ Web of Conferences, 2013, 47, 05006.	0.3	3
177	Wide Ïƒ Orionis binaries resolved by UKIDSS. Astronomische Nachrichten, 2018, 339, 60-71.	1.2	3
178	A search for planetary-mass objects and brown dwarfs in the Upper Scorpius association. Astronomy and Astrophysics, 2005, 443, 1021-1024.	5.1	3
179	Parallactic Distances and Proper Motions of Virtually All Stars in the Ïƒ Orionis Cluster: How I Learned to Get the Most Out of TOPCAT and Love Gaia DR2. Research Notes of the AAS, 2018, 2, 25.	0.7	3
180	Phot0, a plausible primeval pigment on Earth and rocky exoplanets. Physical Chemistry Chemical Physics, 2022, 24, 16979-16987.	2.8	3

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181	Stars and brown dwarfs, spatial distribution, multiplicity, X-rays, discs, and the complete mass function of the Ïƒ Orionis cluster. , 2009, , .		2
182	CARMENES. IV: instrument control software. , 2012, , .		2
183	CARMENES. V: non-cryogenic solutions for YJH-band NIR instruments. , 2012, , .		2
184	CARMENES instrument control system and operational scheduler. , 2014, , .		2
185	CARMENES ultra-stable cooling system: very promising results. Proceedings of SPIE, 2014, , .	0.8	2
186	GTC/CanariCam Deep Mid-infrared Imaging Survey of Northern Stars within 5 pc. Astrophysical Journal, 2021, 923, 119.	4.5	2
187	Proper motion Pleiades candidate L-type brown dwarfs. Astronomische Nachrichten, 2005, 326, 1057-1058.	1.2	1
188	Characterizing U-Ne hollow cathode lamps at near-IR wavelengths for the CARMENES survey. Proceedings of SPIE, 2014, , .	0.8	1
189	CARMENES-NIR channel spectrograph cooling system AIV: thermo-mechanical performance of the instrument. Proceedings of SPIE, 2016, , .	0.8	1
190	CARMENES system engineering. Proceedings of SPIE, 2016, , .	0.8	1
191	Preliminary Results on a Virtual Observatory Search for Companions to Luyten stars. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 379-379.	0.3	1
192	Brown dwarfs and very low-mass stars: variability in the Pleiades. Astronomische Nachrichten, 2005, 326, 1065-1067.	1.2	0
193	The latest two GRB detected by Hete-2: GRB 051022 and GRB 051028. AIP Conference Proceedings, 2006, , .	0.4	0
194	Polarization of ultra-cool dwarfs. , 2009, , .		0
195	The stellar and substellar mass function in central region of the old open cluster Praesepe from deep LBT observations. EPJ Web of Conferences, 2011, 16, 06011.	0.3	0
196	The CARMENES Survey: A Search for Terrestrial Planets in the Habitable Zones of M Dwarfs. Proceedings of the International Astronomical Union, 2012, 8, 177-182.	0.0	0
197	Kinematics of M dwarfs in the CARMENES Input Catalogue: Membership in Young Moving Groups. Proceedings of the International Astronomical Union, 2015, 10, 71-72.	0.0	0
198	CARMENES-NIR channel spectrograph: how to achieve the full AIV at system level of a cryo-instrument in nine months. Proceedings of SPIE, 2016, , .	0.8	0

#	Article	IF	Citations
199	CARMENES: The CARMENES instrument control software suite. Proceedings of SPIE, 2016, , .	0.8	0
200	One Is the Loneliest Number: Multiplicity in Cool Dwarfs. Research Notes of the AAS, 2021, 5, 129.	0.7	0
201	CARMENES: management of a schedule-driven project. , 2016, , .		0