

Guillem Anglada-Escud

List of Publications by Citations

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|--------------------|--------------------------|----------------|-----------------|
| 139 papers | 8,836 citations | 44 h-index | 93 g-index |
| 149 ext. papers | 10,764 ext. citations | 6.7 avg, IF | 5.49 L-index |

| # | Paper | IF | Citations |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 139 | TheGaia mission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1 | 5.1 | 2933 |
| 138 | A terrestrial planet candidate in a temperate orbit around Proxima Centauri. <i>Nature</i> , 2016 , 536, 437-40 | 50.4 | 873 |
| 137 | THE HARPS-TERRA PROJECT. I. DESCRIPTION OF THE ALGORITHMS, PERFORMANCE, AND NEW MEASUREMENTS ON A FEW REMARKABLE STARS OBSERVED BY HARPS. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 200, 15 | 8 | 222 |
| 136 | A HIGH-PRECISION NEAR-INFRARED SURVEY FOR RADIAL VELOCITY VARIABLE LOW-MASS STARS USING CSHELL AND A METHANE GAS CELL. <i>Astrophysical Journal</i> , 2016 , 822, 40 | 4.7 | 215 |
| 135 | THE BROWN DWARF KINEMATICS PROJECT (BDKP). III. PARALLAXES FOR 70 ULTRACOOL DWARFS. <i>Astrophysical Journal</i> , 2012 , 752, 56 | 4.7 | 192 |
| 134 | State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016 , 128, 066001 | 5 | 191 |
| 133 | The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016 , 596, A112 | 5.1 | 141 |
| 132 | The habitability of Proxima Centauri b. <i>Astronomy and Astrophysics</i> , 2016 , 596, A111 | 5.1 | 136 |
| 131 | ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. <i>Astrophysical Journal</i> , 2009 , 691, 1400-1411 | 4.7 | 132 |
| 130 | IDENTIFYING THE YOUNG LOW-MASS STARS WITHIN 25 pc. II. DISTANCES, KINEMATICS, AND GROUP MEMBERSHIP. <i>Astrophysical Journal</i> , 2012 , 758, 56 | 4.7 | 132 |
| 129 | A PLANETARY SYSTEM AROUND THE NEARBY M DWARF GJ 667C WITH AT LEAST ONE SUPER-EARTH IN ITS HABITABLE ZONE. <i>Astrophysical Journal Letters</i> , 2012 , 751, L16 | 7.9 | 118 |
| 128 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 612, A49 | 5.1 | 118 |
| 127 | A dynamically-packed planetary system around GJ 667C with three super-Earths in its habitable zone. <i>Astronomy and Astrophysics</i> , 2013 , 556, A126 | 5.1 | 103 |
| 126 | CARMENES instrument overview 2014 , | | 103 |
| 125 | HOW ECCENTRIC ORBITAL SOLUTIONS CAN HIDE PLANETARY SYSTEMS IN 2:1 RESONANT ORBITS. <i>Astrophysical Journal</i> , 2010 , 709, 168-178 | 4.7 | 97 |
| 124 | Bayesian search for low-mass planets around nearby M dwarfs. Estimates for occurrence rate based on global detectability statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 1545-1569 | 4.3 | 93 |
| 123 | DISTANCE AND KINEMATICS OF THE TW HYDRAE ASSOCIATION FROM PARALLAXES. <i>Astrophysical Journal</i> , 2013 , 762, 118 | 4.7 | 86 |

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| 122 | A candidate super-Earth planet orbiting near the snow line of Barnard's star. <i>Nature</i> , 2018 , 563, 365-368 | 50.4 | 83 |
| 121 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 625, A68 | 5.1 | 76 |
| 120 | Radial-velocity fitting challenge. <i>Astronomy and Astrophysics</i> , 2017 , 598, A133 | 5.1 | 73 |
| 119 | GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A3 | 5.1 | 73 |
| 118 | Habitable-zone super-Earth candidate in a six-planet system around the K2.5V star HD 40307. <i>Astronomy and Astrophysics</i> , 2013 , 549, A48 | 5.1 | 71 |
| 117 | Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19 | 5.1 | 71 |
| 116 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 609, A117 | 5.1 | 71 |
| 115 | Two planets around Kapteyn's star: a cold and a temperate super-Earth orbiting the nearest halo red dwarf. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014 , 443, L89-L93 | 4.3 | 70 |
| 114 | Color Difference Makes a Difference: Four Planet Candidates around ϵ Ceti. <i>Astronomical Journal</i> , 2017 , 154, 135 | 4.9 | 66 |
| 113 | Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. <i>Astronomy and Astrophysics</i> , 2019 , 628, A39 | 5.1 | 64 |
| 112 | Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79 | 5.1 | 64 |
| 111 | Flat-relative optimal extraction. <i>Astronomy and Astrophysics</i> , 2014 , 561, A59 | 5.1 | 60 |
| 110 | A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020 , 582, 497-500 | 50.4 | 58 |
| 109 | GJ 832c: A SUPER-EARTH IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2014 , 791, 114 | 4.7 | 57 |
| 108 | ASTROMETRY AND RADIAL VELOCITIES OF THE PLANET HOST M DWARF GJ 317: NEW TRIGONOMETRIC DISTANCE, METALLICITY, AND UPPER LIMIT TO THE MASS OF GJ 317b. <i>Astrophysical Journal</i> , 2012 , 746, 37 | 4.7 | 56 |
| 107 | The origin of the excess transit absorption in the HD 189733 system: planet or star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1012-1028 | 4.3 | 55 |
| 106 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 627, A49 | 5.1 | 55 |
| 105 | Precision radial velocities of 15 M5-M9 dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 3094-3113 | 4.3 | 54 |

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| 104 | TRIGONOMETRIC PARALLAXES AND PROPER MOTIONS OF 134 SOUTHERN LATE M, L, AND T DWARFS FROM THE CARNEGIE ASTROMETRIC PLANET SEARCH PROGRAM. <i>Astronomical Journal</i> , 2016 , 152, 24 | 4.9 | 53 |
| 103 | GJ 1214 reviewed. <i>Astronomy and Astrophysics</i> , 2013 , 551, A48 | 5.1 | 52 |
| 102 | The Carnegie Astrometric Planet Search Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 1218-1231 | 5 | 52 |
| 101 | Radial velocity signatures of Zeeman broadening. <i>Astronomy and Astrophysics</i> , 2013 , 552, A103 | 5.1 | 50 |
| 100 | CARMENES: an overview six months after first light 2016 , | | 49 |
| 99 | ALMA Discovery of Dust Belts around Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2017 , 850, L6 | 7.9 | 48 |
| 98 | He I λ 830 Å in the transmission spectrum of HD209458 b. <i>Astronomy and Astrophysics</i> , 2019 , 629, A110 | 5.1 | 47 |
| 97 | Benchmarking the power of amateur observatories for TTV exoplanets detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 3101-3113 | 4.3 | 47 |
| 96 | A planetary system with gas giants and super-Earths around the nearby M dwarf GJ 676A. <i>Astronomy and Astrophysics</i> , 2012 , 548, A58 | 5.1 | 47 |
| 95 | A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019 , 365, 1441-1445 | 33.3 | 43 |
| 94 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 623, A44 | 5.1 | 41 |
| 93 | Exoplanet detection. Comment on "Stellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581". <i>Science</i> , 2015 , 347, 1080 | 33.3 | 39 |
| 92 | CARMENES. I: instrument and survey overview 2012 , | | 39 |
| 91 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 627, A161 | 5.1 | 38 |
| 90 | Multiple water band detections in the CARMENES near-infrared transmission spectrum of HD 189733 b. <i>Astronomy and Astrophysics</i> , 2019 , 621, A74 | 5.1 | 38 |
| 89 | A low-mass planet candidate orbiting Proxima Centauri at a distance of 1.5 AU. <i>Science Advances</i> , 2020 , 6, eaax7467 | 14.3 | 36 |
| 88 | Detecting Proxima b's Atmosphere with JWST Targeting CO ₂ at 15 μ m Using a High-pass Spectral Filtering Technique. <i>Astronomical Journal</i> , 2017 , 154, 77 | 4.9 | 36 |
| 87 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018 , 609, L5 | 5.1 | 35 |

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| 86 | The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. <i>Astronomical Journal</i> , 2017 , 153, 167 | 4.9 | 34 |
| 85 | NO EVIDENCE FOR ACTIVITY CORRELATIONS IN THE RADIAL VELOCITIES OF KAPTEYN'S STAR. <i>Astrophysical Journal</i> , 2016 , 830, 74 | 4.7 | 34 |
| 84 | MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). I. A BENCHMARK M DWARF COMPANION EXCITING A MASSIVE PLANET AROUND THE SUN-LIKE STAR HD 7449. <i>Astrophysical Journal</i> , 2016 , 818, 106 | 4.7 | 33 |
| 83 | High-cadence spectroscopy of M dwarfs II. Analysis of systematic effects in HARPS-N line profile measurements on the bright binary GJ 725A+B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3551-3564 | 4.3 | 33 |
| 82 | The CARMENES Search for Exoplanets around M Dwarfs: A Low-mass Planet in the Temperate Zone of the Nearby K2-18. <i>Astronomical Journal</i> , 2018 , 155, 257 | 4.9 | 33 |
| 81 | CRIRES+: a cross-dispersed high-resolution infrared spectrograph for the ESO VLT 2014 , | | 33 |
| 80 | STRONG CONSTRAINTS TO THE PUTATIVE PLANET CANDIDATE AROUND VB 10 USING DOPPLER SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2010 , 711, L24-L29 | 7.9 | 32 |
| 79 | Up to four planets around the M dwarf GJ 163. <i>Astronomy and Astrophysics</i> , 2013 , 556, A111 | 5.1 | 32 |
| 78 | Recovering planet radial velocity signals in the presence of starspot activity in fully convective stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 1733-1740 | 4.3 | 31 |
| 77 | Water vapor detection in the transmission spectra of HD 209458 b with the CARMENES NIR channel. <i>Astronomy and Astrophysics</i> , 2019 , 630, A53 | 5.1 | 31 |
| 76 | Magnetic fields in M dwarfs from the CARMENES survey. <i>Astronomy and Astrophysics</i> , 2019 , 626, A86 | 5.1 | 29 |
| 75 | CARMENES: high-resolution spectra and precise radial velocities in the red and infrared 2018 , | | 29 |
| 74 | Dynamical Masses of Indi B and C: Two Massive Brown Dwarfs at the Edge of the Stellar/Substellar Boundary. <i>Astrophysical Journal</i> , 2018 , 865, 28 | 4.7 | 29 |
| 73 | Design and Construction of Absorption Cells for Precision Radial Velocities in the K-Band Using Methane Isotopologues. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 586-597 | 5 | 28 |
| 72 | Astrometric Constraints on the Masses of Long-period Gas Giant Planets in the TRAPPIST-1 Planetary System. <i>Astronomical Journal</i> , 2017 , 154, 103 | 4.9 | 26 |
| 71 | TWO PLANETARY COMPANIONS AROUND THE K7 DWARF GJ 221: A HOT SUPER-EARTH AND A CANDIDATE IN THE SUB-SATURN DESERT RANGE. <i>Astrophysical Journal</i> , 2013 , 771, 42 | 4.7 | 25 |
| 70 | Detection of the nearest Jupiter analogue in radial velocity and astrometry data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 5002-5016 | 4.3 | 23 |
| 69 | Surfing the photon noise: New techniques to find low-mass planets around M dwarfs. <i>Astronomische Nachrichten</i> , 2013 , 334, 184-187 | 0.7 | 22 |

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| 68 | Evidence of a massive planet candidate orbiting the young active K5V star BD+20 1790. <i>Astronomy and Astrophysics</i> , 2010 , 512, A45 | 5.1 | 22 |
| 67 | A differential least-squares deconvolution method for high precision spectroscopy of stars and exoplanets II. Application to obliquity measurements of HARPS observations of HD189733b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 3467-3473 | 4.3 | 19 |
| 66 | Transmission spectroscopy and Rossiter-McLaughlin measurements of the young Neptune orbiting AU Mic. <i>Astronomy and Astrophysics</i> , 2020 , 643, A25 | 5.1 | 19 |
| 65 | RedDots: a temperate 1.5 Earth-mass planet candidate in a compact multiterrestrial planet system around GJ 1061. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 536-550 | 4.3 | 16 |
| 64 | A NEW MERGING DOUBLE DEGENERATE BINARY IN THE SOLAR NEIGHBORHOOD. <i>Astronomical Journal</i> , 2015 , 149, 176 | 4.9 | 15 |
| 63 | THE KAPTEYN MOVING GROUP IS NOT TIDAL DEBRIS FROM CENTAURI. <i>Astrophysical Journal</i> , 2015 , 808, 103 | 4.7 | 14 |
| 62 | Proxima Centauri b is not a transiting exoplanet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 268-274 | 4.3 | 13 |
| 61 | Gliese 49: activity evolution and detection of a super-Earth. <i>Astronomy and Astrophysics</i> , 2019 , 624, A1235.1 | 5.1 | 13 |
| 60 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 622, A153 | 5.1 | 13 |
| 59 | High-cadence spectroscopy of M-dwarfs III. Searching for stellar pulsations with HARPS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 4268-4282 | 4.3 | 13 |
| 58 | A nearby transiting rocky exoplanet that is suitable for atmospheric investigation. <i>Science</i> , 2021 , 371, 1038-1041 | 33.3 | 12 |
| 57 | LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020 , 159, 160 | 4.9 | 12 |
| 56 | Precision near-infrared radial velocity instrumentation II: noncircular core fiber scrambler 2013 , | | 11 |
| 55 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 641, A69 | 5.1 | 11 |
| 54 | An ablating 2.6 M _J planet in an eccentric binary from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020 , 4, 419-426 | 12.1 | 11 |
| 53 | Dispersed Matter Planet Project discoveries of ablating planets orbiting nearby bright stars. <i>Nature Astronomy</i> , 2020 , 4, 408-418 | 12.1 | 11 |
| 52 | Monitoring the radio emission of Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2021 , 645, A77 | 5.1 | 11 |
| 51 | A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020 , 368, 1477-1481 | 33.3 | 10 |

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| 50 | Retrieval of Precise Radial Velocities from Near-infrared High-resolution Spectra of Low-mass Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2016 , 128, 104501 | 5 | 10 |
| 49 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 636, A119 | 5.1 | 10 |
| 48 | PEXO: A Global Modeling Framework for Nanosecond Timing, Microarcsecond Astrometry, and High Radial Velocities. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 244, 39 | 8 | 10 |
| 47 | Correcting for chromatic stellar activity effects in transits with multiband photometric monitoring: application to WASP-52. <i>Astronomy and Astrophysics</i> , 2020 , 641, A82 | 5.1 | 9 |
| 46 | Stellar activity analysis of Barnard's Star: Very slow rotation and evidence for long-term activity cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , | 4.3 | 8 |
| 45 | AD Leonis: Radial Velocity Signal of Stellar Rotation or Spin-Orbit Resonance?. <i>Astronomical Journal</i> , 2018 , 155, 192 | 4.9 | 8 |
| 44 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019 , 623, A136 | 5.1 | 7 |
| 43 | Transit detection of the long-period volatile-rich super-Earth δ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021 , 5, 775-787 | 12.1 | 7 |
| 42 | Exploring plausible formation scenarios for the planet candidate orbiting Proxima Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx169 | 4.3 | 6 |
| 41 | Analysis of combined radial velocities and activity of BD+20 1790: evidence supporting the existence of a planetary companion. <i>Astronomy and Astrophysics</i> , 2015 , 576, A66 | 5.1 | 6 |
| 40 | A compact multi-planet system around a bright nearby star from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020 , 4, 399-407 | 12.1 | 6 |
| 39 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 637, A93 | 5.1 | 6 |
| 38 | Microarcsecond astrometric observatory Theia: from dark matter to compact objects and nearby earths 2016 , | | 6 |
| 37 | Auto-correlation functions of astrophysical processes, and their relation to Gaussian processes. <i>Astronomy and Astrophysics</i> , 2021 , 645, A58 | 5.1 | 6 |
| 36 | Analysis of apsidal motion in eclipsing binaries using TESS data. <i>Astronomy and Astrophysics</i> , 2021 , 654, A17 | 5.1 | 6 |
| 35 | HiFLEX: Highly Flexible Package to Reduce Cross-dispersed Echelle Spectra. <i>Publications of the Astronomical Society of the Pacific</i> , 2020 , 132, 064504 | 5 | 5 |
| 34 | Wavelength calibration from 1-5 μ m for the CRIRES+ high-resolution spectrograph at the VLT 2014 , | | 5 |
| 33 | Precision near-infrared radial velocity instrumentation I: absorption gas cells 2013 , | | 5 |

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| 32 | Relativistic effects on imaging by a rotating optical system. <i>Astronomy and Astrophysics</i> , 2007 , 462, 371-377 | 5 |
| 31 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021 , 649, L12 | 5.1 5 |
| 30 | A Reanalysis of the UVES M Dwarf Planet Search Program. <i>Astronomical Journal</i> , 2019 , 158, 251 | 4.9 5 |
| 29 | MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. <i>Astrophysical Journal</i> , 2016 , 831, 177 | 4.7 4 |
| 28 | Astrometric light-travel time signature of sources in nonlinear motion. <i>Astronomy and Astrophysics</i> , 2006 , 449, 1281-1288 | 5.1 4 |
| 27 | Analysis of apsidal motion in eclipsing binaries using TESS data. <i>Astronomy and Astrophysics</i> , 2021 , 649, A64 | 5.1 4 |
| 26 | Identification and Mitigation of a Vibrational Telescope Systematic with Application to Spitzer. <i>Planetary Science Journal</i> , 2021 , 2, 9 | 2.9 4 |
| 25 | Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021 , 162, 295 | 4.9 4 |
| 24 | EXOhSPEC folded design optimization and performance estimation 2019 , | 3 |
| 23 | Mass and density of the transiting hot and rocky super-Earth LHS 1478 b (TOI-1640 b). <i>Astronomy and Astrophysics</i> , 2021 , 649, A144 | 5.1 3 |
| 22 | Prospects for detecting the astrometric signature of Barnard's Star b. <i>Astronomy and Astrophysics</i> , 2019 , 623, A10 | 5.1 3 |
| 21 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021 , 653, A49 | 5.1 3 |
| 20 | Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021 , 51, 845 | 1.3 3 |
| 19 | Doppler shifts and spectral line profile changes in the starlight scattered from an exoplanet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 1596-1613 | 4.3 2 |
| 18 | Concept and optical design of the cross-disperser module for CRIRES+ 2014 , | 2 |
| 17 | EXOhSPEC collimator mechanical design 2019 , | 2 |
| 16 | Analysis of Early Science observations with the CHAracterising ExOPlanets Satellite (CHEOPS) using pycheops. <i>Monthly Notices of the Royal Astronomical Society</i> , | 4.3 2 |
| 15 | Low-cost precursor of an interstellar mission. <i>Astronomy and Astrophysics</i> , 2020 , 641, A45 | 5.1 2 |

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| 14 | A Small Actively Controlled High-resolution Spectrograph Based on Off-the-shelf Components. <i>Publications of the Astronomical Society of the Pacific</i> , 2021 , 133, 025001 | 5 | 2 |
| 13 | Radial velocity studies of cool stars. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372, 20130088 | 3 | 1 |
| 12 | Novel infrared polarimeter for the ESO CRIRES+ instrument 2014 , | | 1 |
| 11 | Habitable Worlds Around M Dwarf Stars: The CAPSCam Astrometric Planet Search. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 183-188 | 0.1 | 1 |
| 10 | Perspective acceleration and gravitational redshift. Measuring masses of individual white dwarfs using Gaia + SIM astrometry. <i>Proceedings of the International Astronomical Union</i> , 2009 , 5, 342-344 | 0.1 | 1 |
| 9 | Highly replicable, low-cost, portable, general-purpose, high-resolution spectrometer with applications in stellar studies and exoplanet science 2019 , | | 1 |
| 8 | The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020 , 638, A115 | 5.1 | 1 |
| 7 | Proxima b: The Detection of the Earth-Type Planet Candidate Orbiting Our Closest Neighbor 2018 , 1-18 | | |
| 6 | Precise Near-Infrared Radial Velocities. <i>Proceedings of the International Astronomical Union</i> , 2015 , 10, 286-287 | 0.1 | |
| 5 | Astrometry in the Service of Planet Formation Studies: Disk Lifetimes in Nearby Star Forming Regions and a Planet Candidate around a Mature Brown Dwarf. <i>Proceedings of the International Astronomical Union</i> , 2013 , 8, 230-231 | 0.1 | |
| 4 | Advances in precision Doppler spectroscopy on cool stars. <i>EPJ Web of Conferences</i> , 2013 , 47, 05010 | 0.3 | |
| 3 | Detecting life outside our solar system with a large high-contrast-imaging mission. <i>Experimental Astronomy</i> , 1 | 1.3 | |
| 2 | Proxima b: The Detection of the Earth-Type Planet Candidate Orbiting Our Closest Neighbor 2018 , 2627-2644 | | |
| 1 | Enabling the sustainable space era by developing the infrastructure for a space economy. <i>Experimental Astronomy</i> , 1 | 1.3 | |