

Izan de Castro LeÃ£o

List of Publications by Year in descending order

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46
papers

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times ranked

1498
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Rotation Signature of TESS B-type Stars. A Comprehensive Analysis. <i>Astrophysical Journal</i> , 2022, 924, 117. | 4.5 | 5 |
| 2 | A Dearth of Close-in Planets around Rapidly Rotating Stars or a Dearth of Data?. <i>Astrophysical Journal Letters</i> , 2022, 930, L23. | 8.3 | 4 |
| 3 | TOI-220â€™: a warm sub-Neptune discovered by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3361-3379. | 4.4 | 6 |
| 4 | TOI-269 b: an eccentric sub-Neptune transiting a M2 dwarf revisited with ExTrA. <i>Astronomy and Astrophysics</i> , 2021, 650, A145. | 5.1 | 17 |
| 5 | Measuring and characterizing the line profile of HARPS with a laser frequency comb. <i>Astronomy and Astrophysics</i> , 2021, 645, A23. | 5.1 | 9 |
| 6 | The nature of flux variations in the continua and broad-line regions of selected active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 784-800. | 4.4 | 0 |
| 7 | The VISTA Variables in the VÁLítea infrared variability catalogue (VIVA-I). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1730-1756. | 4.4 | 10 |
| 8 | A crucial test for astronomical spectrograph calibration with frequency combs. <i>Nature Astronomy</i> , 2020, 4, 603-608. | 10.1 | 26 |
| 9 | Three planets transiting the evolved star EPIC 249893012: a hot 8.8- M_{\oplus} super-Earth and two warm 14.7 and 10.2- M_{\oplus} sub-Neptunes. <i>Astronomy and Astrophysics</i> , 2020, 636, A89. | 5.1 | 9 |
| 10 | A Search for Rotation Periods in 1000 TESS Objects of Interest. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 20. | 7.7 | 42 |
| 11 | Masses of the Hyades white dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, L8. | 5.1 | 11 |
| 12 | A Novel Approach to Study the Variability of NGC 5548. <i>Astrophysical Journal</i> , 2019, 879, 113. | 4.5 | 1 |
| 13 | A wavelet analysis of photometric variability in Kepler white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3935-3940. | 4.4 | 2 |
| 14 | Cosmological Evolution of Quasar Radio Emission in the View of Multifractality. <i>Astrophysical Journal</i> , 2019, 873, 108. | 4.5 | 4 |
| 15 | Spectroscopic and astrometric radial velocities: Hyades as a benchmark. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5026-5041. | 4.4 | 13 |
| 16 | Revealing the non-linear behaviour of the lensed quasar Q0957+561. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3552-3560. | 4.4 | 5 |
| 17 | Incidence of planet candidates in open clusters and a planet confirmation. <i>Astronomy and Astrophysics</i> , 2018, 620, A139. | 5.1 | 3 |
| 18 | Debris Disks among Kepler Solar Rotational Analog Stars. <i>Astrophysical Journal Letters</i> , 2018, 869, L40. | 8.3 | 1 |

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|----|---|-----|-----------|
| 19 | Multifractality signatures in quasars time series “ I. 3C 273. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3976-3986. | 4.4 | 8 |
| 20 | ELT-HIRES, the high resolution spectrograph for the ELT: results from the Phase A study. , 2018, , . | | 10 |
| 21 | On the Incidence of Wise Infrared Excess Among Solar Analog, Twin, and Sibling Stars. Astrophysical Journal, 2017, 837, 15. | 4.5 | 9 |
| 22 | New Suns in the Cosmos. IV. The Multifractal Nature of Stellar Magnetic Activity in Kepler Cool Stars. Astrophysical Journal, 2017, 843, 103. | 4.5 | 13 |
| 23 | EELT-HIRES the high-resolution spectrograph for the E-ELT. Proceedings of SPIE, 2016, , . | 0.8 | 34 |
| 24 | NEW SUNS IN THE COSMOS. III. MULTIFRACTAL SIGNATURE ANALYSIS. Astrophysical Journal, 2016, 831, 87. | 4.5 | 17 |
| 25 | New Suns in the Cosmos II: differential rotation in Kepler Sun-like stars. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1624-1631. | 4.4 | 11 |
| 26 | Search for giant planets in M67. Astronomy and Astrophysics, 2016, 592, L1. | 5.1 | 52 |
| 27 | Relative stability of two laser frequency combs for routine operation on HARPS and FOCES. Proceedings of SPIE, 2016, , . | 0.8 | 18 |
| 28 | KEPLER RAPIDLY ROTATING GIANT STARS. Astrophysical Journal Letters, 2015, 807, L21. | 8.3 | 42 |
| 29 | The WFCAM multiwavelength Variable Star Catalog(Corrigendum). Astronomy and Astrophysics, 2015, 580, C3. | 5.1 | 0 |
| 30 | Stellar parameters for stars of the CoRoT exoplanet field. Astronomy and Astrophysics, 2015, 581, A68. | 5.1 | 2 |
| 31 | Stellar cycles from photometric data: CoRoT stars. Astronomy and Astrophysics, 2015, 583, A134. | 5.1 | 38 |
| 32 | Tachometry: astrometry with radial velocities. Astronomy and Astrophysics, 2015, 574, A76. | 5.1 | 2 |
| 33 | THE ROTATIONAL BEHAVIOR OF KEPLER STARS WITH PLANETS. Astrophysical Journal, 2015, 803, 69. | 4.5 | 39 |
| 34 | The WFCAM multiwavelength Variable Star Catalog. Astronomy and Astrophysics, 2015, 573, A100. | 5.1 | 16 |
| 35 | The variability behaviour of CoRoT M-giant stars. Astronomy and Astrophysics, 2015, 583, A122. | 5.1 | 13 |
| 36 | Rotation period distribution of CoRoT and Kepler Sun-like stars. Astronomy and Astrophysics, 2015, 582, A85. | 5.1 | 10 |

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|----|--|-----|-----------|
| 37 | A laser frequency comb featuring sub-cm/s precision for routine operation on HARPS. Proceedings of SPIE, 2014, , . | 0.8 | 18 |
| 38 | MEASURING THE ALFVÉNIC NATURE OF THE INTERSTELLAR MEDIUM: VELOCITY ANISOTROPY REVISITED. Astrophysical Journal, 2014, 790, 130. | 4.5 | 47 |
| 39 | Wavelets: a powerful tool for studying rotation, activity, and pulsation in <i>Kepler</i> and CoRoT stellar light curves. Astronomy and Astrophysics, 2014, 568, A34. | 5.1 | 35 |
| 40 | NEW SUNS IN THE COSMOS?. Astrophysical Journal Letters, 2013, 773, L18. | 8.3 | 13 |
| 41 | Overview of semi-sinusoidal stellar variability with the CoRoT satellite. Astronomy and Astrophysics, 2013, 555, A63. | 5.1 | 34 |
| 42 | Chromospheric activity of stars with planets. Astronomy and Astrophysics, 2011, 530, A73. | 5.1 | 38 |
| 43 | Very Large Telescope Interferometer observations of the dust geometry around R Coronae Borealis starsâ€¦. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1195-1206. | 4.4 | 12 |
| 44 | The Closest Dusty Cloud Ever Detected Around a R CrB Variable Star Using the VLTI/MIDI Instrument. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 127-129. | 0.3 | 0 |
| 45 | A snapshot of the inner dusty regions of a R CrB-type variable. Astronomy and Astrophysics, 2007, 466, L1-L4. | 5.1 | 15 |
| 46 | The circumstellar envelope of IRC+10216 from milli-arcsecond to arcmin scales. Astronomy and Astrophysics, 2006, 455, 187-194. | 5.1 | 59 |