

Izan de Castro LeÃ£o

List of Publications by Year in descending order

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46
papers

773
citations

516710

16
h-index

552781

26
g-index

46
all docs

46
docs citations

46
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	The circumstellar envelope of IRC+10216 from milli-arcsecond to arcmin scales. <i>Astronomy and Astrophysics</i> , 2006, 455, 187-194.	5.1	59
2	Search for giant planets in M67. <i>Astronomy and Astrophysics</i> , 2016, 592, L1.	5.1	52
3	MEASURING THE ALFVÉNIC NATURE OF THE INTERSTELLAR MEDIUM: VELOCITY ANISOTROPY REVISITED. <i>Astrophysical Journal</i> , 2014, 790, 130.	4.5	47
4	<i>KEPLER</i> RAPIDLY ROTATING GIANT STARS. <i>Astrophysical Journal Letters</i> , 2015, 807, L21.	8.3	42
5	A Search for Rotation Periods in 1000 TESS Objects of Interest. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 20.	7.7	42
6	THE ROTATIONAL BEHAVIOR OF<i>KEPLER</i>STARS WITH PLANETS. <i>Astrophysical Journal</i> , 2015, 803, 69.	4.5	39
7	Chromospheric activity of stars with planets. <i>Astronomy and Astrophysics</i> , 2011, 530, A73.	5.1	38
8	Stellar cycles from photometric data: CoRoT stars. <i>Astronomy and Astrophysics</i> , 2015, 583, A134.	5.1	38
9	Wavelets: a powerful tool for studying rotation, activity, and pulsation in<i>Kepler</i>and CoRoT stellar light curves. <i>Astronomy and Astrophysics</i> , 2014, 568, A34.	5.1	35
10	Overview of semi-sinusoidal stellar variability with the CoRoT satellite. <i>Astronomy and Astrophysics</i> , 2013, 555, A63.	5.1	34
11	EELT-HIRES the high-resolution spectrograph for the E-ELT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	34
12	A crucial test for astronomical spectrograph calibration with frequency combs. <i>Nature Astronomy</i> , 2020, 4, 603-608.	10.1	26
13	A laser frequency comb featuring sub-cm/s precision for routine operation on HARPS. <i>Proceedings of SPIE</i> , 2014, , .	0.8	18
14	Relative stability of two laser frequency combs for routine operation on HARPS and FOCES. <i>Proceedings of SPIE</i> , 2016, , .	0.8	18
15	NEW SUNS IN THE COSMOS. III. MULTIFRACTAL SIGNATURE ANALYSIS. <i>Astrophysical Journal</i> , 2016, 831, 87.	4.5	17
16	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
17	The WFCAM multiwavelength Variable Star Catalog. <i>Astronomy and Astrophysics</i> , 2015, 573, A100.	5.1	16
18	A snapshot of the inner dusty regions of a RÂCrB-type variable. <i>Astronomy and Astrophysics</i> , 2007, 466, L1-L4.	5.1	15

#	ARTICLE	IF	CITATIONS
19	NEW SUNS IN THE COSMOS?. <i>Astrophysical Journal Letters</i> , 2013, 773, L18.	8.3	13
20	New Suns in the Cosmos. IV. The Multifractal Nature of Stellar Magnetic Activity in Kepler Cool Stars. <i>Astrophysical Journal</i> , 2017, 843, 103.	4.5	13
21	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
22	The variability behaviour of CoRoT M-giant stars. <i>Astronomy and Astrophysics</i> , 2015, 583, A122.	5.1	13
23	Very Large Telescope Interferometer observations of the dust geometry around R Coronae Borealis stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1195-1206.	4.4	12
24	New Suns in the Cosmos II: differential rotation in Kepler Sun-like stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1624-1631.	4.4	11
25	Masses of the Hyades white dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, L8.	5.1	11
26	The VISTA Variables in the Asterisk infrared variability catalogue (VIVA-I). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1730-1756.	4.4	10
27	Rotation period distribution of CoRoT and Kepler Sun-like stars. <i>Astronomy and Astrophysics</i> , 2015, 582, A85.	5.1	10
28	ELT-HIRES, the high resolution spectrograph for the ELT: results from the Phase A study. , 2018, , .		10
29	On the Incidence of Wise Infrared Excess Among Solar Analog, Twin, and Sibling Stars. <i>Astrophysical Journal</i> , 2017, 837, 15.	4.5	9
30	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
31	Measuring and characterizing the line profile of HARPS with a laser frequency comb. <i>Astronomy and Astrophysics</i> , 2021, 645, A23.	5.1	9
32	Multifractality signatures in quasars time series. <i>MNRAS</i> , 2018, 478, 3976-3986.	4.4	8
33	TOI-220b: a warm sub-Neptune discovered by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3361-3379.	4.4	6
34	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
35	Rotation Signature of TESS B-type Stars. A Comprehensive Analysis. <i>Astrophysical Journal</i> , 2022, 924, 117.	4.5	5
36	Cosmological Evolution of Quasar Radio Emission in the View of Multifractality. <i>Astrophysical Journal</i> , 2019, 873, 108.	4.5	4

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37	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
38	Incidence of planet candidates in open clusters and a planet confirmation. <i>Astronomy and Astrophysics</i> , 2018, 620, A139.	5.1	3
39	Stellar parameters for stars of the CoRoT exoplanet field. <i>Astronomy and Astrophysics</i> , 2015, 581, A68.	5.1	2
40	Tachoastrometry: astrometry with radial velocities. <i>Astronomy and Astrophysics</i> , 2015, 574, A76.	5.1	2
41	A wavelet analysis of photometric variability in <i>Kepler</i> white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3935-3940.	4.4	2
42	Debris Disks among Kepler Solar Rotational Analog Stars. <i>Astrophysical Journal Letters</i> , 2018, 869, L40.	8.3	1
43	A Novel Approach to Study the Variability of NGC 5548. <i>Astrophysical Journal</i> , 2019, 879, 113.	4.5	1
44	The WFCAM multiwavelength Variable Star Catalog(Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 580, C3.	5.1	0
45	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
46	The Closest Dusty Cloud Ever Detected Around a R CrB Variable Star Using the VLT/MIDI Instrument. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2009, , 127-129.	0.3	0