

# Jorge Lillo-Box

## List of Publications by Year in descending order

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84  
papers

3,444  
citations

147801

31  
h-index

149698

56  
g-index

85  
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85  
docs citations

85  
times ranked

3184  
citing authors

#	ARTICLE	IF	CITATIONS
1	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	7.7	418
2	CSI 2264: SIMULTANEOUS OPTICAL AND INFRARED LIGHT CURVES OF YOUNG DISK-BEARING STARS IN NGC 2264 WITH <i>CoRoT</i> and <i>SPITZER</i> ’EVIDENCE FOR MULTIPLE ORIGINS OF VARIABILITY. <i>Astronomical Journal</i> , 2014, 147, 82.	4.7	307
3	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
4	THE KEPLER FOLLOW-UP OBSERVATION PROGRAM. I. A CATALOG OF COMPANIONS TO KEPLER STARS FROM HIGH-RESOLUTION IMAGING. <i>Astronomical Journal</i> , 2017, 153, 71.	4.7	169
5	Planetary nebulae seen with TESS: Discovery of new binary central star candidates from Cycle 1. <i>Astronomy and Astrophysics</i> , 2020, 635, A128.	5.1	123
6	Kepler-91b: a planet at the end of its life. <i>Astronomy and Astrophysics</i> , 2014, 562, A109.	5.1	101
7	High-resolution imaging of <i>Kepler</i> planet host candidates. <i>Astronomy and Astrophysics</i> , 2014, 566, A103.	5.1	101
8	The Transiting Exoplanet Community Early Release Science Program for <i>JWST</i> . <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114402.	3.1	100
9	Revisiting Proxima with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 639, A77.	5.1	81
10	An Earth-sized exoplanet with a Mercury-like composition. <i>Nature Astronomy</i> , 2018, 2, 393-400.	10.1	75
11	Multiplicity in transiting planet-host stars. <i>Astronomy and Astrophysics</i> , 2012, 546, A10.	5.1	74
12	A remnant planetary core in the hot-Neptune desert. <i>Nature</i> , 2020, 583, 39-42.	27.8	73
13	Photodynamical mass determination of the multiplanetary system K2-19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 4267-4276.	4.4	64
14	The lithium-rotation connection in the 125 Myr-old Pleiades cluster. <i>Astronomy and Astrophysics</i> , 2018, 613, A63.	5.1	64
15	WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1470-1489.	4.4	63
16	Gas and dust in the beta Pictoris moving group as seen by the <i>Herschel</i> Space Observatory. <i>Astronomy and Astrophysics</i> , 2014, 565, A68.	5.1	61
17	A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183. <i>Astronomical Journal</i> , 2017, 153, 177.	4.7	61
18	Evidence for an additional planet in the $\hat{1}^2$ Pictoris system. <i>Nature Astronomy</i> , 2019, 3, 1135-1142.	10.1	60

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19	Planetary system LHS 1140 revisited with ESPRESSO and TESS. <i>Astronomy and Astrophysics</i> , 2020, 642, A121.	5.1	50
20	CAFE: Calar Alto Fiber-fed Å%ochelle spectrograph. <i>Astronomy and Astrophysics</i> , 2013, 552, A31.	5.1	47
21	Warm terrestrial planet with half the mass of Venus transiting a nearby star. <i>Astronomy and Astrophysics</i> , 2021, 653, A41.	5.1	46
22	K2-29 b/WASP-152 b: AN ALIGNED AND INFLATED HOT JUPITER IN A YOUNG VISUAL BINARY. <i>Astrophysical Journal</i> , 2016, 824, 55.	4.5	44
23	The long-term steady motion of Saturn's hexagon and the stability of its enclosed jet stream under seasonal changes. <i>Geophysical Research Letters</i> , 2014, 41, 1425-1431.	4.0	43
24	A candidate short-period sub-Earth orbiting Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2022, 658, A115.	5.1	43
25	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ( $V = 7.9$ ) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999.	4.4	38
26	One of the closest exoplanet pairs to the 3:2 mean motion resonance: K2-19b and c. <i>Astronomy and Astrophysics</i> , 2015, 582, A33.	5.1	37
27	Ground-based observations of the long-term evolution and death of Saturn's 2010 Great White Spot. <i>Icarus</i> , 2012, 220, 561-576.	2.5	36
28	Gas and dust in the TW Hydrae association as seen by the Herschel Space Observatory. <i>Astronomy and Astrophysics</i> , 2013, 555, A67.	5.1	36
29	WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 644, A155.	5.1	36
30	Kepler-432a: a massive planet in a highly eccentric orbit transiting a red giant. <i>Astronomy and Astrophysics</i> , 2015, 573, L5.	5.1	34
31	EPIC 201702477b: A TRANSITING BROWN DWARF FROM K2 IN A 41 DAY ORBIT. <i>Astronomical Journal</i> , 2017, 153, 15.	4.7	33
32	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	5.1	33
33	Radial velocity confirmation of Kepler-91 b. <i>Astronomy and Astrophysics</i> , 2014, 568, L1.	5.1	32
34	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
35	The TROY project: Searching for co-orbital bodies to known planets. <i>Astronomy and Astrophysics</i> , 2018, 609, A96.	5.1	28
36	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412.	4.4	28

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37	Exoplanet characterisation in the longest known resonant chain: the K2-138 system seen by HARPS. <i>Astronomy and Astrophysics</i> , 2019, 631, A90.	5.1	27
38	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 644, A127.	5.1	27
39	Detection of co-orbital planets by combining transit and radial-velocity measurements. <i>Astronomy and Astrophysics</i> , 2017, 599, L7.	5.1	25
40	First T-dwarfs in the VISTA Hemisphere Survey. <i>Astronomy and Astrophysics</i> , 2012, 548, A53.	5.1	24
41	K2-110 b: a massive mini-Neptune exoplanet. <i>Astronomy and Astrophysics</i> , 2017, 604, A19.	5.1	24
42	TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. <i>Astronomy and Astrophysics</i> , 2021, 656, A124.	5.1	22
43	K2-111: an old system with two planets in near-resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5004-5021.	4.4	22
44	Kepler-447b: a hot-Jupiter with an extremely grazing transit. <i>Astronomy and Astrophysics</i> , 2015, 577, A105.	5.1	21
45	The TROY project. <i>Astronomy and Astrophysics</i> , 2018, 618, A42.	5.1	21
46	Co-orbital exoplanets from close-period candidates: the TOI-178 case. <i>Astronomy and Astrophysics</i> , 2019, 624, A46.	5.1	20
47	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	4.4	19
48	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 33.	7.7	19
49	Kepler-539: A young extrasolar system with two giant planets on wide orbits and in gravitational interaction. <i>Astronomy and Astrophysics</i> , 2016, 590, A112.	5.1	18
50	Masses for the seven planets in K2-32 and K2-233. <i>Astronomy and Astrophysics</i> , 2020, 640, A48.	5.1	18
51	K2-265 b: a transiting rocky super-Earth. <i>Astronomy and Astrophysics</i> , 2018, 620, A77.	5.1	17
52	Searching for H $\alpha$ emitting sources around MWC 758. <i>Astronomy and Astrophysics</i> , 2018, 613, L5.	5.1	17
53	Characterization of the K2-38 planetary system. <i>Astronomy and Astrophysics</i> , 2020, 641, A92.	5.1	17
54	The seven sisters DANCe. <i>Astronomy and Astrophysics</i> , 2016, 596, A113.	5.1	16

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55	The First Near-infrared Transmission Spectrum of HIP 41378 f, A Low-mass Temperate Jovian World in a Multiplanet System. <i>Astrophysical Journal Letters</i> , 2022, 927, L5.	8.3	16
56	Detection of the secondary eclipse of WASP-10b in the <i>K</i> -band. <i>Astronomy and Astrophysics</i> , 2015, 574, A103.	5.1	14
57	Eclipsing binaries and fast rotators in the <i>Kepler</i> sample. <i>Astronomy and Astrophysics</i> , 2015, 576, A88.	5.1	12
58	A new look inside planetary nebula LoTr 5: a long-period binary with hints of a possible third component. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1140-1150.	4.4	12
59	K2-30b and K2-34b: Two inflated hot Jupiters around solar-type stars. <i>Astronomy and Astrophysics</i> , 2016, 594, A50.	5.1	11
60	Close-in planets around giant stars. <i>Astronomy and Astrophysics</i> , 2016, 589, A124.	5.1	11
61	A hot mini-Neptune in the radius valley orbiting solar analogue HD 110113. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4842-4857.	4.4	10
62	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. <i>Astronomical Journal</i> , 2022, 163, 133.	4.7	10
63	CAFE2: an upgrade to the CAFE high-resolution spectrograph. Commissioning results and new public pipeline. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4496-4508.	4.4	9
64	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. <i>Astronomy and Astrophysics</i> , 2022, 659, A17.	5.1	9
65	Spectro-astrometry of LkCa 15 with X-Shooter: Searching for emission from LkCa 15b. <i>Astronomy and Astrophysics</i> , 2015, 579, A48.	5.1	8
66	Spectroscopic characterisation of microlensing events. <i>Astronomy and Astrophysics</i> , 2016, 595, L11.	5.1	8
67	Detection of the secondary eclipse of Qatar-1b in the <i>K</i> band. <i>Astronomy and Astrophysics</i> , 2016, 595, A61.	5.1	8
68	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	4.7	8
69	Magnetic activity and accretion on FU Tau A: clues from variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 1271-1279.	4.4	7
70	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOI 1246. <i>Astronomical Journal</i> , 2022, 163, 293.	4.7	7
71	Search for light curve modulations among <i>Kepler</i> candidates. <i>Astronomy and Astrophysics</i> , 2016, 592, A32.	5.1	6
72	TOI-220b: a warm sub-Neptune discovered by <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3361-3379.	4.4	6

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73	HD 22496 b: The first ESPRESSO stand-alone planet discovery. <i>Astronomy and Astrophysics</i> , 2021, 654, A60.	5.1	6
74	HR 10: a main-sequence binary with circumstellar envelopes around both components. <i>Astronomy and Astrophysics</i> , 2019, 629, A19.	5.1	5
75	OCCASO IV. Radial velocities and open cluster kinematics. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	5
76	Discovery of a stellar companion to HD 131399A. <i>Astronomy and Astrophysics</i> , 2017, 608, L9.	5.1	4
77	Pleiades or Not? Resolving the Status of the Lithium-rich M Dwarfs HHJ 339 and HHJ 430. <i>Astronomical Journal</i> , 2020, 160, 30.	4.7	4
78	Precise radial velocities of giant stars. <i>Astronomy and Astrophysics</i> , 2021, 647, A160.	5.1	3
79	CaRM: Exploring the chromatic Rossiter-McLaughlin effect. <i>Astronomy and Astrophysics</i> , 2022, 660, A52.	5.1	3
80	Multiplicity and properties of Kepler planet candidates: High spatial imaging and RV studies. <i>EPJ Web of Conferences</i> , 2013, 47, 05008.	0.3	2
81	Uncovering the ultimate planet impostor. <i>Astronomy and Astrophysics</i> , 2021, 653, A40.	5.1	2
82	Follow-up of non-transiting planets detected by <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2021, 654, A9.	5.1	1
83	Hunting for binary central stars of planetary nebulae: exploiting archival data. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 378-379.	0.0	0
84	Detection of secondary eclipses of WASP-10b and Qatar-1b in the Ks band and the correlation between Ks-band temperature and stellar activity.. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 363-370.	0.0	0