

# Tiago Campante

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,075  
citations

279701

23  
h-index

265120

42  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1926  
citing authors

#	ARTICLE	IF	CITATIONS
1	The homogeneous characterisation of Ariel host stars. <i>Experimental Astronomy</i> , 2022, 53, 473-510.	1.6	10
2	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of $\epsilon$ Men c. <i>Astronomical Journal</i> , 2022, 163, 79.	1.9	22
3	On the stellar core physics of the 16 Cyg binary system: constraining the central hydrogen abundance using asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 893-905.	1.6	3
4	Kepler-444. , 2021, , 1-4.		0
5	Stellar clustering and orbital architecture of planetary systems. <i>Astronomy and Astrophysics</i> , 2021, 649, A111.	2.1	15
6	Chronos - take the pulse of our galactic neighbourhood. <i>Experimental Astronomy</i> , 2021, 51, 945.	1.6	0
7	The SOPHIE search for northern extrasolar planets. <i>Astronomy and Astrophysics</i> , 2021, 653, A78.	2.1	5
8	Uncovering the ultimate planet impostor. <i>Astronomy and Astrophysics</i> , 2021, 653, A40.	2.1	2
9	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the $\langle i \rangle$ TESS continuous viewing zones and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1947-1966.	1.6	30
10	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014402.	1.0	19
11	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722.	1.6	33
12	Asteroseismology of $\iota$ Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021, 162, 211.	1.9	7
13	PLATO hare-and-hounds exercise: asteroseismic model fitting of main-sequence solar-like pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5864-5885.	1.6	13
14	Magnetic and Rotational Evolution of $\delta$ CrB from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2021, 921, 122.	1.6	12
15	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	1.9	14
16	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020, 896, 65.	1.6	14
17	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	3.0	37
18	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\hat{1}/2$ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	4.2	46

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19	Asteroseismic modelling of solar-type stars: a deeper look at the treatment of initial helium abundance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 54-65.	1.6	14
20	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	1.9	22
21	Robust asteroseismic properties of the bright planet host HD 38529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6084-6093.	1.6	8
22	The Curious Case of KOI 4: Confirming Kepler's First Exoplanet Detection. <i>Astronomical Journal</i> , 2019, 157, 192.	1.9	20
23	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	1.6	28
24	Gaussian process modelling of granulation and oscillations in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5764-5774.	1.6	21
25	"aims" a new tool for stellar parameter determinations using asteroseismic constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 771-786.	1.6	64
26	The Asteroseismic Target List for Solar-like Oscillators Observed in 2 minute Cadence with the Transiting Exoplanet Survey Satellite. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 12.	3.0	58
27	Bayesian hierarchical inference of asteroseismic inclination angles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 572-589.	1.6	10
28	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	1.9	72
29	On the Nature of the Core of $\alpha$ Centauri A: The Impact of the Metallicity Mixture. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	1.1	4
30	KOI-3890: a high-mass-ratio asteroseismic red giant+M-dwarf eclipsing binary undergoing heartbeat tidal interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 14-23.	1.6	9
31	Asteroseismic constraints on active latitudes of solar-type stars: HD 173701 has active bands at higher latitudes than the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3857-3868.	1.6	10
32	Predicted Yield of Transits of Known Radial Velocity Exoplanets from the TESS Primary and Extended Missions. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 034401.	1.0	20
33	Signatures of Magnetic Activity: On the Relation between Stellar Properties and p-mode Frequency Variations. <i>Astrophysical Journal</i> , 2019, 883, 65.	1.6	10
34	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	1.6	67
35	An Introduction to Data Analysis in Asteroseismology. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 55-74.	0.3	4
36	Signatures of Magnetic Activity in the Seismic Data of Solar-type Stars Observed by Kepler. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 17.	3.0	37

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37	Asteroseismic modelling of solar-type stars: internal systematics from input physics and surface correction methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 5052-5063.	1.6	34
38	$\hat{\mu}$ Centauri A as a potential stellar model calibrator: establishing the nature of its core. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L55-L59.	1.2	8
39	Using red clump stars to correct the <i>Gaia</i> DR1 parallaxes. <i>Astronomy and Astrophysics</i> , 2017, 598, L4.	2.1	27
40	A simple model to describe intrinsic stellar noise for exoplanet detection around red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1308-1315.	1.6	23
41	Weighing in on the masses of retired A stars with asteroseismology: K2 observations of the exoplanet-host star HD 212771. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1360-1368.	1.6	42
42	The masses of retired A stars with asteroseismology: Kepler and K2 observations of exoplanet hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1866-1878.	1.6	44
43	On the detectability of solar-like oscillations with the NASA TESS mission. <i>EPJ Web of Conferences</i> , 2017, 160, 01006.	0.1	3
44	On the relation between activity-related frequency shifts and the sunspot distribution over the solar cycle 23. <i>EPJ Web of Conferences</i> , 2017, 160, 02013.	0.1	0
45	Galactic Archaeology with TESS: Prospects for Testing the Star Formation History in the Solar Neighbourhood. <i>EPJ Web of Conferences</i> , 2017, 160, 05006.	0.1	1
46	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , 2016, 830, 138.	1.6	122
47	Oscillation mode linewidths and heights of 23 main-sequence stars observed by <i>Kepler</i> (Corrigendum). <i>Astronomy and Astrophysics</i> , 2016, 595, C2.	2.1	5
48	THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95.	1.6	55
49	Asteroseismology of Red-Giant Stars as a Novel Approach in the Search for Gravitational Waves. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 363-364.	0.0	0
50	What asteroseismology can do for exoplanets. <i>EPJ Web of Conferences</i> , 2015, 101, 02005.	0.1	1
51	Spin-orbit alignment of exoplanet systems: how can Asteroseismology help us?. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 71-76.	0.0	0
52	Spin-orbit alignment of exoplanet systems: analysis of an ensemble of asteroseismic observations. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 636-641.	0.0	0
53	KEPLER-432: A RED GIANT INTERACTING WITH ONE OF ITS TWO LONG-PERIOD GIANT PLANETS. <i>Astrophysical Journal</i> , 2015, 803, 49.	1.6	70
54	Asteroseismic inference on the spin-orbit misalignment and stellar parameters of HAT-P-7. <i>Astronomy and Astrophysics</i> , 2014, 570, A54.	2.1	58

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55	KEPLER-93b: A TERRESTRIAL WORLD MEASURED TO WITHIN 120 km, AND A TEST CASE FOR A NEW SPITZER OBSERVING MODE. <i>Astrophysical Journal</i> , 2014, 790, 12.	1.6	76
56	Seismic constraints on rotation of Sun-like star and mass of exoplanet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13267-13271.	3.3	79
57	KEPLER-63b: A GIANT PLANET IN A POLAR ORBIT AROUND A YOUNG SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 775, 54.	1.6	122
58	Stellar Spin-Orbit Misalignment in a Multiplanet System. <i>Science</i> , 2013, 342, 331-334.	6.0	262
59	KEPLER-21b: A 1.6 Earth PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. <i>Astrophysical Journal</i> , 2012, 746, 123.	1.6	124
60	CALIBRATING CONVECTIVE PROPERTIES OF SOLAR-LIKE STARS IN THE KEPLER FIELD OF VIEW. <i>Astrophysical Journal Letters</i> , 2012, 755, L12.	3.0	80
61	A MULTI-SITE CAMPAIGN TO MEASURE SOLAR-LIKE OSCILLATIONS IN PROCYON. II. MODE FREQUENCIES. <i>Astrophysical Journal</i> , 2010, 713, 935-949.	1.6	78