

# Isa M Brandão

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,538  
citations

361388

20  
h-index

642715

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2100  
citing authors

#	ARTICLE	IF	CITATIONS
1	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330.	3.7	912
2	Ensemble Asteroseismology of Solar-Type Stars with the NASA Kepler Mission. <i>Science</i> , 2011, 332, 213-216.	12.6	267
3	FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>KEPLER</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. <i>Astrophysical Journal</i> , 2012, 760, 32.	4.5	206
4	A UNIFORM ASTEROSEISMIC ANALYSIS OF 22 SOLAR-TYPE STARS OBSERVED BY <i>KEPLER</i> . <i>Astrophysical Journal</i> , 2012, 749, 152.	4.5	167
5	ASTEROSEISMOLOGY OF THE SOLAR ANALOGS 16 Cyg A AND B FROM <i>KEPLER</i> OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2012, 748, L10.	8.3	156
6	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. <i>Astrophysical Journal Letters</i> , 2010, 713, L169-L175.	8.3	122
7	STELLAR AGES AND CONVECTIVE CORES IN FIELD MAIN-SEQUENCE STARS: FIRST ASTEROSEISMIC APPLICATION TO TWO <i>KEPLER</i> TARGETS. <i>Astrophysical Journal</i> , 2013, 769, 141.	4.5	115
8	Kepler observations of rapidly oscillating Ap, $\hat{\Gamma}$ Scuti and $\hat{\Gamma}^3$ Doradus pulsations in Ap stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 517-524.	4.4	74
9	Correcting the spectroscopic surface gravity using transits and asteroseismology. <i>Astronomy and Astrophysics</i> , 2014, 572, A95.	5.1	71
10	Asteroseismology from multi-month <i>Kepler</i> photometry: the evolved Sun-like stars KIC 10273246 and KIC 10920273. <i>Astronomy and Astrophysics</i> , 2011, 534, A6.	5.1	67
11	SOLAR-LIKE OSCILLATIONS IN KIC 11395018 AND KIC 11234888 FROM 8 MONTHS OF <i>KEPLER</i> DATA. <i>Astrophysical Journal</i> , 2011, 733, 95.	4.5	60
12	Asteroseismic modelling of the solar-type subgiant star $\hat{\Gamma}^2$ $\hat{\Gamma}$ Hydri. <i>Astronomy and Astrophysics</i> , 2011, 527, A37.	5.1	47
13	The first evidence for multiple pulsation axes: a new rapidly oscillating Ap star in the Kepler field, KIC 10195926. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2550-2566.	4.4	45
14	The fundamental parameters of the roAp star $\hat{\Gamma}^{\pm}$ Circini. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2039-2046.	4.4	40
15	Testing excitation models of rapidly oscillating Ap stars with interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1639-1647.	4.4	36
16	Fundamental properties of five <i>Kepler</i> stars using global asteroseismic quantities and ground-based observations. <i>Astronomy and Astrophysics</i> , 2012, 537, A111.	5.1	34
17	Asteroseismic analysis of the roAp star $\hat{\Gamma}^{\pm}$ Circini: 84 d of high-precision photometry from the WIREsatellite. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1189-1201.	4.4	29
18	The radius and effective temperature of the binary Ap star $\hat{\Gamma}^2$ $\hat{\Gamma}$ CrB from CHARA/FLUOR and VLT/NACO observations. <i>Astronomy and Astrophysics</i> , 2010, 512, A55.	5.1	23

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19	CHARACTERIZING TWO SOLAR-TYPE KEPLER SUBGIANTS WITH ASTEROSEISMOLOGY: KIC 10920273 AND KIC 11395018. <i>Astrophysical Journal</i> , 2013, 763, 49.	4.5	22
20	Probing tiny convective cores with the acoustic modes of lowest degree. <i>Astronomy and Astrophysics</i> , 2011, 529, A10.	5.1	21
21	On the inference of stellar ages and convective-core properties in main-sequence solar-like pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1751-1761.	4.4	9
22	Seismic signatures of stellar cores of solar-like pulsators: Dependence on mass and age. <i>Astronomische Nachrichten</i> , 2010, 331, 940-943.	1.2	8
23	Asteroseismic modelling of the solar-like star $\hat{\iota}^2$ Hydri. <i>Astrophysics and Space Science</i> , 2010, 328, 101-104.	1.4	7
24	Probing the cores of solar-like pulsators. <i>Astronomische Nachrichten</i> , 2010, 331, 925-928.	1.2	0