

Chen Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

679
citations

623734

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938
citing authors

#	ARTICLE	IF	CITATIONS
1	A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of ϵ Men c. <i>Astronomical Journal</i> , 2022, 163, 79.	4.7	22
2	Searching for orbital decay in a heartbeat star system KIC 3766353. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3967-3974.	4.4	4
3	Asteroseismology of <i>iota Draconis</i> and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021, 162, 211.	4.7	7
4	BESTP – An automated Bayesian modeling tool for asteroseismology. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 226.	1.7	12
5	The Measurement of Dynamic Tidal Contribution to Apsidal Motion in Heartbeat Star KIC 4544587. <i>Astrophysical Journal</i> , 2021, 922, 37.	4.5	3
6	Variations of the mixing character of dipolar mixed modes in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 621-636.	4.4	15
7	The Aarhus red giants challenge. <i>Astronomy and Astrophysics</i> , 2020, 635, A165.	5.1	22
8	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020, 896, 65.	4.5	14
9	The Aarhus red giants challenge. <i>Astronomy and Astrophysics</i> , 2020, 635, A164.	5.1	32
10	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
11	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.	4.4	14
12	Asteroseismic Analyses of Slowly Pulsating B Star KIC 8324482: Ultraweak Element Mixing beyond the Central Convective Core. <i>Astrophysical Journal</i> , 2020, 899, 38.	4.5	25
13	Analytical modelling of period spacings across the HR diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 909-926.	4.4	23
14	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
15	The mass and age of the first SONG target: the red giant 46 LMi. <i>Astronomy and Astrophysics</i> , 2018, 613, A53.	5.1	8
16	Using the phase shift to asymptotically characterize the dipolar mixed modes in post-main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, . .	4.4	3
17	Asteroseismic modelling of the Binary HD 176465. <i>EPJ Web of Conferences</i> , 2017, 160, 05010.	0.3	2
18	Metallicity effect on stellar granulation detected from oscillating red giants in open clusters. <i>Astronomy and Astrophysics</i> , 2017, 605, A3.	5.1	42

#	ARTICLE	IF	CITATIONS
19	KEPLER-432: A RED GIANT INTERACTING WITH ONE OF ITS TWO LONG-PERIOD GIANT PLANETS. <i>Astrophysical Journal</i> , 2015, 803, 49.	4.5	70
20	Verification of asymptotic relation for mixed modes in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3622-3631.	4.4	19
21	Red giant oscillations: Stellar models and mode frequency calculations. <i>Astronomische Nachrichten</i> , 2012, 333, 939-941.	1.2	2
22	MODELING <i>KEPLER</i> OBSERVATIONS OF SOLAR-LIKE OSCILLATIONS IN THE RED GIANT STAR HD 186355. <i>Astrophysical Journal</i> , 2011, 742, 120.	4.5	28
23	SOLAR-LIKE OSCILLATIONS IN LOW-LUMINOSITY RED GIANTS: FIRST RESULTS FROM <i>KEPLER</i> . <i>Astrophysical Journal Letters</i> , 2010, 713, L176-L181.	8.3	203