

Hans Kjeldsen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

9,457
citations

236925

25
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

5391
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	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
3	Chronos - take the pulse of our galactic neighbourhood. <i>Experimental Astronomy</i> , 2021, 51, 945.	3.7	0
4	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
5	TESS Asteroseismology of $\hat{\iota}$ Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. <i>Astrophysical Journal</i> , 2021, 922, 229.	4.5	14
6	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
7	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
8	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\hat{\iota}$ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	10.1	46
9	TESS Data for Asteroseismology: Timing Verification [*] . <i>Astronomical Journal</i> , 2020, 160, 34.	4.7	9
10	The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2020, 900, 154.	4.5	18
11	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	4.5	28
12	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.	7.7	58
13	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
14	Asteroseismic modelling of the subgiant $\hat{\iota}$ Herculis using SONG data: lifting the degeneracy between age and model input parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 780-789.	4.4	12
15	A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019, 3, 416-423.	10.1	64
16	Planetary Candidates Observed by <i>Kepler</i> . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 38.	7.7	316
17	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. I. Oscillation Mode Parameters. <i>Astrophysical Journal</i> , 2017, 835, 172.	4.5	195
18	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. II. Radii, Masses, and Ages. <i>Astrophysical Journal</i> , 2017, 835, 173.	4.5	223

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19	Asteroseismic masses of retired planet-hosting A-stars using SONG. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4110-4116.	4.4	26
20	Data preparation for asteroseismology with TESS. EPJ Web of Conferences, 2017, 160, 01005.	0.3	21
21	Transiting Exoplanet Survey Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2014, 1, 014003.	1.8	2,300
22	KEPLER-93b: A TERRESTRIAL WORLD MEASURED TO WITHIN 120 km, AND A TEST CASE FOR A NEW SPITZER OBSERVING MODE. Astrophysical Journal, 2014, 790, 12.	4.5	76
23	Transiting Exoplanet Survey Satellite (TESS). Proceedings of SPIE, 2014, , .	0.8	566
24	FUNDAMENTAL PROPERTIES OF KEPLER PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. Astrophysical Journal, 2013, 767, 127.	4.5	259
25	Stellar Spin-Orbit Misalignment in a Multiplanet System. Science, 2013, 342, 331-334.	12.6	262
26	Stellar Observations Network Group: The prototype is nearly ready. Proceedings of the International Astronomical Union, 2013, 9, 69-75.	0.0	10
27	CALIBRATING CONVECTIVE PROPERTIES OF SOLAR-LIKE STARS IN THE KEPLER FIELD OF VIEW. Astrophysical Journal Letters, 2012, 755, L12.	8.3	80
28	Kepler, CoRoT and MOST: Time-Series Photometry from Space. Proceedings of the International Astronomical Union, 2011, 7, 17-22.	0.0	3
29	Using SONG to probe rapid variability and evolution of starspots. Proceedings of the International Astronomical Union, 2010, 6, 451-454.	0.0	0
30	KEPLER MISSION DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. Astrophysical Journal Letters, 2010, 713, L79-L86.	8.3	941
31	Kepler Planet-Detection Mission: Introduction and First Results. Science, 2010, 327, 977-980.	12.6	2,848
32	RADIUS DETERMINATION OF SOLAR-TYPE STARS USING ASTEROSEISMOLOGY: WHAT TO EXPECT FROM THE KEPLER MISSION. Astrophysical Journal, 2009, 700, 1589-1602.	4.5	141
33	Measurements of Stellar Properties through Asteroseismology: A Tool for Planet Transit Studies. Proceedings of the International Astronomical Union, 2008, 4, 309-317.	0.0	6
34	The Amplitude of Solar Oscillations Using Stellar Techniques. Astrophysical Journal, 2008, 682, 1370-1375.	4.5	116
35	Asteroseismology "Studying stellar structure. AIP Conference Proceedings, 2008, , .	0.4	1
36	Solar-like Oscillations in ϵ Centauri B. Astrophysical Journal, 2005, 635, 1281-1290.	4.5	191

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37	Simulating stochastically excited oscillations – The mode lifetime of $\hat{\nu}_4$ Hya. Solar Physics, 2004, 220, 207-228.	2.5	36
38	Time-Series Spectroscopy of EC 14026 Stars: Preliminary Results. International Astronomical Union Colloquium, 2000, 176, 519-520.	0.1	0
39	More on Solar-like Oscillations in $\hat{\nu}$ Boo. International Astronomical Union Colloquium, 1995, 155, 109-110.	0.1	2
40	High-precision time-resolved CCD photometry. Publications of the Astronomical Society of the Pacific, 1992, 104, 413.	3.1	103