

Daniel L Holdsworth

List of Publications by Year in descending order

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docs citations

42
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citing authors

#	ARTICLE	IF	CITATIONS
1	Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1. <i>Nature</i> , 2017, 542, 456-460.	27.8	1,144
2	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	10.1	263
3	Amplitude modulation in δ Sct stars: statistics from an ensemble study of <i>Kepler</i> targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1970-1989.	4.4	101
4	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
5	High-frequency A-type pulsators discovered using SuperWASP. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2078-2095.	4.4	62
6	Rotation and pulsation in Ap stars: first light results from TESS sectors 1 and 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3523-3549.	4.4	44
7	KIC 4768731: a bright long-period <i>Kepler</i> star in the <i>Kepler</i> field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3334-3345.	4.4	40
8	Pulsation versus metallicity in Am stars as revealed by LAMOST and WASP. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1-10.	4.4	38
9	Eclipsing Am binary systems in the SuperWASP survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A69.	5.1	36
10	KIC 7582608: a new <i>Kepler</i> star with frequency variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2049-2062.	4.4	27
11	HD 24355 observed by the <i>Kepler</i> K2 mission: a rapidly oscillating Ap star pulsating in a distorted quadrupole mode. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 876-892.	4.4	20
12	NOVA LIGHT CURVES FROM THE SOLAR MASS EJECTION IMAGER (SMEI). II. THE EXTENDED CATALOG. <i>Astrophysical Journal</i> , 2016, 820, 104.	4.5	18
13	Suppressed phase variations in a high amplitude rapidly oscillating Ap star pulsating in a distorted quadrupole mode. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 601-616.	4.4	18
14	Six new rapidly oscillating Ap stars in the <i>Kepler</i> long-cadence data using super-Nyquist asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 18-36.	4.4	18
15	High frequencies in TESS F main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2117-2132.	4.4	18
16	KIC 5950759: a high-amplitude δ Sct star with amplitude and frequency modulation near the terminal age main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4039-4053.	4.4	18
17	Long-period Ap stars discovered with TESS data. <i>Astronomy and Astrophysics</i> , 2020, 639, A31.	5.1	18
18	<i>TESS</i> cycle 1 observations of <i>Kepler</i> stars with 2-min cadence data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1073-1110.	4.4	16

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19	Combining WASP and Kepler data: the case of the $\hat{\iota}$ Sct star KIC 7106205. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1004-1010.	4.4	14
20	Whole Earth Telescope discovery of a strongly distorted quadrupole pulsation in the largest amplitude rapidly oscillating Ap star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 91-104.	4.4	13
21	Long-period Ap stars discovered with TESS data: The northern ecliptic hemisphere. <i>Astronomy and Astrophysics</i> , 2022, 660, A70.	5.1	12
22	The roAp Stars Observed by the Kepler Space Telescope. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	11
23	K2 observations of the rapidly oscillating Ap star κ Lib (HD 137949): new frequencies and unique non-linear interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2976-2984.	4.4	10
24	Fundamental properties of a selected sample of Ap stars: Inferences from interferometric and asteroseismic constraints. <i>Astronomy and Astrophysics</i> , 2021, 650, A125.	5.1	10
25	LCO observations of a super-critical distorted pulsation in the roAp star J0855 (TYC 2488-1241-1). <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2405-2410.	4.4	9
26	Three new pulsating sdB stars discovered with SuperWASP. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx077.	4.4	8
27	Adaptive elliptical aperture photometry: A software package for high-cadence ground-based photometry. <i>Astronomy and Astrophysics</i> , 2019, 629, A21.	5.1	8
28	STEREO/HI and optical observations of the classical nova V5583 Sagittarii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3483-3489.	4.4	7
29	$\hat{\iota}$ Bootis stars in the SuperWASP survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1241-1248.	4.4	7
30	Rotational and pulsational variability in the TESS light curve of HD 27463. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2102-2111.	4.4	6
31	Temporal resolution of a pre-maximum halt in a classical nova: V5589 Sgr observed with STEREO HI-1B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2684-2689.	4.4	5
32	HD 42659: the only known roAp star in a spectroscopic binary observed with B photometry, TESS, and SALT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4063-4071.	4.4	5
33	Could the Magnetic Star HD 135348 Possess a Rigidly Rotating Magnetosphere?. <i>Astrophysical Journal Letters</i> , 2022, 924, L10.	8.3	5
34	HD 54272, a classical $\hat{\iota}$ Bootis star and $\hat{\iota}^3$ Doradus pulsator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1020-1026.	4.4	4
35	Oblique Pulsation: New, Challenging Observations with TESS Data. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 313-319.	0.3	3
36	Discovery of multiple p-mode pulsation frequencies in the roAp star, HD 86181. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5629-5639.	4.4	2

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37	SALT HRS Capabilities for Time Resolved Pulsation Analysis: A Test with the roAp Star $\hat{\iota}$ Circini. Publications of the Astronomical Society of the Pacific, 2020, 132, 105001.	3.1	2
38	Study of chemically peculiar stars. High-resolution spectroscopy and <i>K2</i> photometry of Am stars in the region of M44. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5854-5871.	4.4	2
39	The first K2 roAp star: HD 24355 pulsating in a distorted quadrupole mode. EPJ Web of Conferences, 2017, 160, 03004.	0.3	1
40	Amplitude modulation in $\hat{\iota}$ Sct stars: statistics from an ensemble of Kepler targets. EPJ Web of Conferences, 2017, 160, 03008.	0.3	1
41	Pulsating stars in SuperWASP. EPJ Web of Conferences, 2017, 152, 01006.	0.3	0