

Daniel L Holdsworth

List of Publications by Year in descending order

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41
papers

2,113
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516710

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Study of chemically peculiar stars. High-resolution spectroscopy and K_2 photometry of Am stars in the region of M44. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5854-5871.	4.4	2
2	Could the Magnetic Star HD 135348 Possess a Rigidly Rotating Magnetosphere?. <i>Astrophysical Journal Letters</i> , 2022, 924, L10.	8.3	5
3	Long-period Ap stars discovered with TESS data: The northern ecliptic hemisphere. <i>Astronomy and Astrophysics</i> , 2022, 660, A70.	5.1	12
4	KIC5950759: 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
5	The roAp Stars Observed by the Kepler Space Telescope. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	11
6	$TESS$ cycle 1 observations of roAp stars with 2-min cadence data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1073-1110.	4.4	16
7	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
8	Discovery of multiple p-mode pulsation frequencies in the roAp star, HD86181. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5629-5639.	4.4	2
9	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
10	Oblique Pulsation: New, Challenging Observations with TESS Data. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 313-319.	0.3	3
11	Long-period Ap stars discovered with TESS data. <i>Astronomy and Astrophysics</i> , 2020, 639, A31.	5.1	18
12	SALT HRS Capabilities for Time Resolved Pulsation Analysis: A Test with the roAp Star ϵ Circini. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 105001.	3.1	2
13	Six new rapidly oscillating Ap stars in the Kepler long-cadence data using super-Nyquist asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 18-36.	4.4	18
14	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
15	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
16	HD42659: 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
17	Adaptive elliptical aperture photometry: A software package for high-cadence ground-based photometry. <i>Astronomy and Astrophysics</i> , 2019, 629, A21.	5.1	8
18	High frequencies in TESS F main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2117-2132.	4.4	18

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19	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
20	LCO observations of a super-critical distorted pulsation in the roAp star J0855 (TYCâ€‰%2488-1241-1). <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2405-2410.	4.4	9
21	K2 observations of the rapidly oscillating Ap star 33â€‰%Lib (HDâ€‰%137949): new frequencies and unique non-linear interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2976-2984.	4.4	10
22	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
23	Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1. <i>Nature</i> , 2017, 542, 456-460.	27.8	1,144
24	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	10.1	263
25	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
26	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
27	Pulsating stars in SuperWASP. <i>EPJ Web of Conferences</i> , 2017, 152, 01006.	0.3	0
28	The first K2 roAp star: HD 24355 pulsating in a distorted quadrupole mode. <i>EPJ Web of Conferences</i> , 2017, 160, 03004.	0.3	1
29	Amplitude modulation in $\hat{\nu}$ Sct stars: statistics from an ensemble of Kepler targets. <i>EPJ Web of Conferences</i> , 2017, 160, 03008.	0.3	1
30	NOVA LIGHT CURVES FROM THE SOLAR MASS EJECTION IMAGER (SMEI). II. THE EXTENDED CATALOG. <i>Astrophysical Journal</i> , 2016, 820, 104.	4.5	18
31	HD 24355 observed by the <i>Kepler K2</i> 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
32	Amplitude modulation in $\hat{\nu}$ 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
33	KICâ€‰4768731: a bright long-period roAp star in the <i>Kepler</i> field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3334-3345.	4.4	40
34	$\hat{\nu}$ Bootis stars in the SuperWASP survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1241-1248.	4.4	7
35	Combining WASP and Kepler data: the case of the $\hat{\nu}$ Sct star KIC 7106205. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1004-1010.	4.4	14
36	Eclipsing Am binary systems in the SuperWASP survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A69.	5.1	36

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37	HD 54272, a classical δ Bootis star and δ^3 Doradus pulsator. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1020-1026.	4.4	4
38	STEREO/HI and optical observations of the classical nova V5583 Sagittarii. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3483-3489.	4.4	7
39	High-frequency A-type pulsators discovered using SuperWASP. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2078-2095.	4.4	62
40	KIC 7582608: a new Kepler δ Ap star with frequency variability. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2049-2062.	4.4	27
41	Three new pulsating δ B stars discovered with SuperWASP. Monthly Notices of the Royal Astronomical Society, 0, , stx077.	4.4	8