

William Chaplin

List of Publications by Year in descending order

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284
papers

28,757
citations

4146

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times ranked

8368
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#	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	Stellar dating using chemical clocks and Bayesian inference. <i>Astronomy and Astrophysics</i> , 2022, 660, A15.	5.1	4
3	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1–C8 and C10–C18. <i>Astrophysical Journal</i> , 2022, 926, 191.	4.5	19
4	A probabilistic method for detecting solar-like oscillations using meaningful prior information. <i>Astronomy and Astrophysics</i> , 2022, 663, A51.	5.1	3
5	Unexpected solar-cycle variation of acoustic mode power in Sun-as-a-star observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3821-3827.	4.4	1
6	Orbital misalignment of the super-Earth ϵ Men with the spin of its star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2893-2911.	4.4	28
7	PBJam: A Python Package for Automating Asteroseismology of Solar-like Oscillators*. <i>Astronomical Journal</i> , 2021, 161, 62.	4.7	16
8	Age dissection of the Milky Way discs: Red giants in the Kepler field. <i>Astronomy and Astrophysics</i> , 2021, 645, A85.	5.1	85
9	Impact of magnetic activity on inferred stellar properties of main-sequence Sun-like stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5808-5820.	4.4	9
10	Lifetimes and rotation within the solar mean magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5603-5611.	4.4	1
11	HAYDN. <i>Experimental Astronomy</i> , 2021, 51, 963-1001.	3.7	22
12	Weakened magnetic braking supported by asteroseismic rotation rates of Kepler dwarfs. <i>Nature Astronomy</i> , 2021, 5, 707-714.	10.1	47
13	Chronologically dating the early assembly of the Milky Way. <i>Nature Astronomy</i> , 2021, 5, 640-647.	10.1	61
14	Hierarchically modelling Kepler dwarfs and subgiants to improve inference of stellar properties with asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2427-2446.	4.4	10
15	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the TESS continuous viewing zones and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1947-1966.	4.4	30
16	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014402.	3.1	19
17	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722.	4.4	33
18	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96

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19	Asteroseismology of ι Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021, 162, 211.	4.7	7
20	PLATO hare-and-hounds exercise: asteroseismic model fitting of main-sequence solar-like pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5864-5885.	4.4	13
21	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
22	From solar-like to mira stars: a unifying description of stellar pulsators in the presence of stochastic noise. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4687-4697.	4.4	5
23	The TESS light curve of AI Phoenicis . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 332-343.	4.4	37
24	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
25	TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020, 896, 65.	4.5	14
26	Solar cycle variation of $\hat{\iota}^2_{\text{max}}$ in helioseismic data and its implications for asteroseismology. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L49-L53.	3.3	9
27	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
28	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
29	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\hat{\iota}^2_{\text{Indi}}$. <i>Nature Astronomy</i> , 2020, 4, 382-389.	10.1	46
30	Measurement of Atmospheric Scintillation during a Period of Saharan Dust (Calima) at Observatorio del Teide, Izaña, Tenerife, and the Impact on Photometric Exposure Times. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 034501.	3.1	5
31	Modelling stochastic signatures in classical pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4477-4483.	4.4	4
32	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , 2020, 160, 83.	4.7	96
33	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , 2020, 160, 82.	4.7	85
34	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
35	The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results from Campaigns 4, 6, and 7. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 23.	7.7	22
36	A Layered Approach to Robust Determination of Asteroseismic Parameters. <i>Research Notes of the AAS</i> , 2020, 4, 177.	0.7	5

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37	Modelling the response of potassium vapour in resonance scattering spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 085003.	1.5	2
38	TESS asteroseismology of the known planet host star κ^2 Fornacis. <i>Astronomy and Astrophysics</i> , 2020, 641, A25.	5.1	16
39	Robust asteroseismic properties of the bright planet host HD 38529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6084-6093.	4.4	8
40	New light on the Gaia DR2 parallax zero-point: influence of the asteroseismic approach, in and beyond the Kepler field. <i>Astronomy and Astrophysics</i> , 2019, 628, A35.	5.1	50
41	The Curious Case of KOI 4: Confirming Kepler's First Exoplanet Detection. <i>Astronomical Journal</i> , 2019, 157, 192.	4.7	20
42	Dynamical heating across the Milky Way disc using APOGEE and Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 176-195.	4.4	121
43	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	4.5	28
44	Sensitivity of low-degree solar p modes to active and ephemeral regions: frequency shifts back to the Maunder minimum. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 489, L86-L90.	3.3	5
45	aims: a new tool for stellar parameter determinations using asteroseismic constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 771-786.	4.4	64
46	The Behaviour of Galactic Cosmic-Ray Intensity During Solar Activity Cycle 24. <i>Solar Physics</i> , 2019, 294, 8.	2.5	38
47	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
48	Bayesian hierarchical inference of asteroseismic inclination angles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 572-589.	4.4	10
49	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
50	Abundance to age ratios in the HARPS-GTO sample with Gaia DR2. <i>Astronomy and Astrophysics</i> , 2019, 624, A78.	5.1	92
51	KOI-3890: a high-mass-ratio asteroseismic red giant+M-dwarf eclipsing binary undergoing heartbeat tidal interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 14-23.	4.4	9
52	Asteroseismic constraints on active latitudes of solar-type stars: HD 173701 has active bands at higher latitudes than the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3857-3868.	4.4	10
53	Sounding stellar cycles with Kepler III. Comparative analysis of chromospheric, photometric, and asteroseismic variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5096-5104.	4.4	11
54	Testing asteroseismology with Gaia DR2: hierarchical models of the Red Clump. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3569-3585.	4.4	46

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55	Filtering Solar-Like Oscillations for Exoplanet Detection in Radial Velocity Observations. <i>Astronomical Journal</i> , 2019, 157, 163.	4.7	59
56	Determining the Best Method of Calculating the Large Frequency Separation For Stellar Models. <i>Astrophysical Journal</i> , 2019, 879, 33.	4.5	12
57	The K2 Galactic Caps Project “going beyond the Kepler field and ageing the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4465-4480.	4.4	24
58	Helioseismic Inferences on the Internal Structure and Dynamics of the Sun. , 2019, , 87-125.		0
59	Asteroseismology of the Multiplanet System K2-93. <i>Astronomical Journal</i> , 2019, 158, 248.	4.7	11
60	Signatures of Magnetic Activity: On the Relation between Stellar Properties and p-mode Frequency Variations. <i>Astrophysical Journal</i> , 2019, 883, 65.	4.5	10
61	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67
62	Changes in the sensitivity of solar p-mode frequency shifts to activity over three solar cycles. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 480, L79-L84.	3.3	10
63	A Synthetic Sample of Short-cadence Solar-like Oscillators for TESS. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 34.	7.7	15
64	Seismic signatures of magnetic activity in solar-type stars observed by Kepler. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 225-228.	0.0	0
65	Characterizing Host Stars Using Asteroseismology. , 2018, , 1655-1678.		4
66	Stellar Surface Magneto-convection as a Source of Astrophysical Noise. II. Center-to-limb Parameterization of Absorption Line Profiles and Comparison to Observations. <i>Astrophysical Journal</i> , 2018, 866, 55.	4.5	35
67	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	7.7	183
68	Investigating the Metallicity–Mixing-length Relation. <i>Astrophysical Journal</i> , 2018, 858, 28.	4.5	46
69	Signatures of Magnetic Activity in the Seismic Data of Solar-type Stars Observed by Kepler. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 17.	7.7	37
70	Empirical Relations for the Accurate Estimation of Stellar Masses and Radii. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 21.	7.7	22
71	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4866-4880.	4.4	25
72	Establishing the accuracy of asteroseismic mass and radius estimates of giant stars “ I. Three eclipsing systems at $[Fe/H] \sim 0.3$ and the need for a large high-precision sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3729-3743.	4.4	69

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73	Characterizing Host Stars using Asteroseismology. , 2018, , 1-24.		2
74	Signatures of Solar Cycle 25 in Subsurface Zonal Flows. <i>Astrophysical Journal Letters</i> , 2018, 862, L5.	8.3	27
75	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
76	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , 2017, 153, 75.	4.7	380
77	Using red clump stars to correct the <i>Gaia</i> DR1 parallaxes. <i>Astronomy and Astrophysics</i> , 2017, 598, L4.	5.1	27
78	<i>Kepler</i> observations of the asteroseismic binary HD 176465. <i>Astronomy and Astrophysics</i> , 2017, 601, A82.	5.1	28
79	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
80	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
81	A simple model to describe intrinsic stellar noise for exoplanet detection around red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1308-1315.	4.4	23
82	Parametrizing the time variation of the ϵ -surface term TM of stellar p-mode frequencies: application to helioseismic data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4777-4788.	4.4	14
83	A thorough analysis of the short- and mid-term activity-related variations in the solar acoustic frequencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4408-4414.	4.4	3
84	Time-series Analysis of Broadband Photometry of Neptune from K2. <i>Astronomical Journal</i> , 2017, 153, 149.	4.7	9
85	PLATO <i>as it is</i> : A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	1.2	61
86	Atmospheric Extinction Coefficients in the $I_{c/c}$ Band for Several Major International Observatories: Results from the BiSON Telescopes, 1984–2016. <i>Astronomical Journal</i> , 2017, 154, 89.	4.7	2
87	Weighing in on the masses of retired A stars with asteroseismology: K2 observations of the exoplanet-host star HD 212771. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1360-1368.	4.4	42
88	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , 2017, 844, 102.	4.5	185
89	Seeing Double with K2: Testing Re-inflation with Two Remarkably Similar Planets around Red Giant Branch Stars. <i>Astronomical Journal</i> , 2017, 154, 254.	4.7	79
90	THE K2 GALACTIC ARCHAEOLOGY PROGRAM DATA RELEASE I: ASTEROSEISMIC RESULTS FROM CAMPAIGN 1. <i>Astrophysical Journal</i> , 2017, 835, 83.	4.5	85

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91	Changing the $\frac{1}{2}$ max Scaling Relation: The Need for a Mean Molecular Weight Term. <i>Astrophysical Journal</i> , 2017, 843, 11.	4.5	51
92	The Sun in transition? Persistence of near-surface structural changes through Cycle 24. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1935-1942.	4.4	16
93	First Results from the Hertzprung SONG Telescope: Asteroseismology of the G5 Subgiant Star $\frac{1}{4}$ Herculis*. <i>Astrophysical Journal</i> , 2017, 836, 142.	4.5	66
94	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). <i>Astronomical Journal</i> , 2017, 154, 94.	4.7	1,065
95	The masses of retired A stars with asteroseismology: Kepler and K2 observations of exoplanet hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1866-1878.	4.4	44
96	NGC 6819: testing the asteroseismic mass scale, mass loss and evidence for products of non-standard evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 979-997.	4.4	70
97	Spatial incoherence of solar granulation: a global analysis using BiSON 2B data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3256-3263.	4.4	4
98	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 23.	7.7	121
99	On the relation between activity-related frequency shifts and the sunspot distribution over the solar cycle 23. <i>EPJ Web of Conferences</i> , 2017, 160, 02013.	0.3	0
100	RAVE stars in K2. <i>Astronomy and Astrophysics</i> , 2017, 600, A66.	5.1	30
101	Data preparation for asteroseismology with TESS. <i>EPJ Web of Conferences</i> , 2017, 160, 01005.	0.3	21
102	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , 2016, 830, 138.	4.5	122
103	Oscillation mode linewidths and heights of 23 main-sequence stars observed by Kepler (Corrigendum). <i>Astronomy and Astrophysics</i> , 2016, 595, C2.	5.1	5
104	That's How We Roll: The NASA K2 Mission Science Products and Their Performance Metrics. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 075002.	3.1	68
105	Asteroseismology of the Hyades with K2: first detection of main-sequence solar-like oscillations in an open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2600-2611.	4.4	17
106	DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR $\hat{\iota}$, CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2016, 831, 17.	4.5	14
107	On the contribution of sunspots to the observed frequency shifts of solar acoustic modes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 224-229.	4.4	10
108	Detection of solar-like oscillations in relics of the Milky Way: asteroseismology of K giants in M4 using data from the NASA K2 mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 760-765.	4.4	61

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109	Asteroseismic Properties of Solar-type Stars Observed with the NASA <i>Kepler</i> Mission: Results from Campaigns 1–3 and Prospects for Future Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124204.	3.1	24
110	Hot super-Earths stripped by their host stars. <i>Nature Communications</i> , 2016, 7, 11201.	12.8	172
111	SpaceInn hare-and-hounds exercise: Estimation of stellar properties using space-based asteroseismic data. <i>Astronomy and Astrophysics</i> , 2016, 592, A14.	5.1	32
112	A DISTANT MIRROR: SOLAR OSCILLATIONS OBSERVED ON NEPTUNE BY THE KEPLER K2 MISSION. <i>Astrophysical Journal Letters</i> , 2016, 833, L13.	8.3	8
113	THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95.	4.5	55
114	Performance of the Birmingham Solar-Oscillations Network (BiSON). <i>Solar Physics</i> , 2016, 291, 1-28.	2.5	42
115	SPIN-ORBIT ALIGNMENT OF EXOPLANET SYSTEMS: ENSEMBLE ANALYSIS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2016, 819, 85.	4.5	91
116	Oscillation frequencies for 35 <i>Kepler</i> solar-type planet-hosting stars using Bayesian techniques and machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2183-2195.	4.4	101
117	Ages and fundamental properties of <i>Kepler</i> exoplanet host stars from asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2127-2148.	4.4	283
118	<i>KEPLER</i> MISSION STELLAR AND INSTRUMENT NOISE PROPERTIES REVISITED. <i>Astronomical Journal</i> , 2015, 150, 133.	4.7	60
119	Asteroseismology of Red-Giant Stars as a Novel Approach in the Search for Gravitational Waves. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 363-364.	0.0	0
120	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE <i>KEPLER</i> K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. <i>Astrophysical Journal Letters</i> , 2015, 809, L3.	8.3	84
121	A seismic and gravitationally bound double star observed by <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2015, 582, A25.	5.1	43
122	Validation of solar-cycle changes in low-degree helioseismic parameters from the Birmingham Solar-Oscillations Network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 4120-4141.	4.4	25
123	Young α -enriched giant stars in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2230-2243.	4.4	133
124	A test of the asteroseismic ν_{\max} scaling relation for solar-like oscillations in main-sequence and subgiant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3011-3020.	4.4	21
125	Asteroseismic inference on rotation, gyrochronology and planetary system dynamics of 16 Cygni. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2959-2966.	4.4	107
126	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164

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127	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . VI. PLANET SAMPLE FROM Q1â€“Q16 (47 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015, 217, 31.	7.7	234
128	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
129	RAPID ROTATION OF LOW-MASS RED GIANTS USING APOKASC: A MEASURE OF INTERACTION RATES ON THE POST-MAIN-SEQUENCE. <i>Astrophysical Journal</i> , 2015, 807, 82.	4.5	53
130	K2P²â€”A PHOTOMETRY PIPELINE FOR THE K2 MISSION. <i>Astrophysical Journal</i> , 2015, 806, 30.	4.5	110
131	Asteroseismology of Solar-Type Stars with <i>K2</i>: Detection of Oscillations in C1 Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 1038-1044.	3.1	25
132	Mixed modes in red giants: a window on stellar evolution. <i>Astronomy and Astrophysics</i> , 2014, 572, L5.	5.1	156
133	Oscillation mode linewidths and heights of 23 main-sequence stars observed by <i>Kepler</i>. <i>Astronomy and Astrophysics</i> , 2014, 566, A20.	5.1	44
134	Asteroseismic inference on the spin-orbit misalignment and stellar parameters of HAT-P-7. <i>Astronomy and Astrophysics</i> , 2014, 570, A54.	5.1	58
135	PROPERTIES OF 42 SOLAR-TYPE <i>KEPLER</i> TARGETS FROM THE ASTEROSEISMIC MODELING PORTAL. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 27.	7.7	121
136	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE <i>KEPLER</i> FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 19.	7.7	268
137	Rotation and magnetism of <i>Kepler</i> pulsating solar-like stars. <i>Astronomy and Astrophysics</i> , 2014, 572, A34.	5.1	218
138	LIMITS ON SURFACE GRAVITIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS FROM NON-DETECTION OF SOLAR-LIKE OSCILLATIONS. <i>Astrophysical Journal</i> , 2014, 783, 123.	4.5	47
139	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2758-2776.	4.4	148
140	Prospects for asteroseismic inference on the envelope helium abundance in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1828-1843.	4.4	37
141	Determining stellar macroturbulence using asteroseismic rotational velocities from Kepler. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3592-3602.	4.4	155
142	Super-Nyquist asteroseismology of solar-like oscillators with Kepler and K2 â€” expanding the asteroseismic cohort at the base of the red giant branch. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 946-954.	4.4	35
143	BiSON data preparation: a correction for differential extinction and the weighted averaging of contemporaneous data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3009-3017.	4.4	37
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283	Solar core rotation: low-degree solar p-mode rotational splitting results from BiSON. Monthly Notices of the Royal Astronomical Society, 1996, 280, 849-853.	4.4	14
284	Modelling the autocovariance of the power spectrum of a solar-type oscillator. Monthly Notices of the Royal Astronomical Society, 0, 408, 542-550.	4.4	27