

William Chaplin

List of Publications by Year in descending order

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284
papers

28,757
citations

4146

87
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6131

159
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286
all docs

286
docs citations

286
times ranked

8368
citing authors

#	ARTICLE	IF	CITATIONS
1	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003.	1.8	2,300
2	The K2 Mission: Characterization and Early Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 398-408.	3.1	1,344
3	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). <i>Astronomical Journal</i> , 2017, 154, 94.	4.7	1,065
4	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
5	Transiting Exoplanet Survey Satellite (TESS). <i>Proceedings of SPIE</i> , 2014, , .	0.8	566
6	Gravity modes as a way to distinguish between hydrogen- and helium-burning red giant stars. <i>Nature</i> , 2011, 471, 608-611.	27.8	465
7	REVISED STELLAR PROPERTIES OF <i>KEPLER</i> TARGETS FOR THE QUARTER 1-16 TRANSIT DETECTION RUN. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 2.	7.7	418
8	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	7.7	418
9	Asteroseismology of Solar-Type and Red-Giant Stars. <i>Annual Review of Astronomy and Astrophysics</i> , 2013, 51, 353-392.	24.3	383
10	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , 2017, 153, 75.	4.7	380
11	Kepler Asteroseismology Program: Introduction and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 131-143.	3.1	370
12	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. <i>Science</i> , 2012, 337, 556-559.	12.6	335
13	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
14	TESTING SCALING RELATIONS FOR SOLAR-LIKE OSCILLATIONS FROM THE MAIN SEQUENCE TO RED GIANTS USING <i>KEPLER</i> DATA. <i>Astrophysical Journal</i> , 2011, 743, 143.	4.5	303
15	ASTEROSEISMIC FUNDAMENTAL PROPERTIES OF SOLAR-TYPE STARS OBSERVED BY THE NASA <i>KEPLER</i> MISSION. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 1.	7.7	293
16	SEISMIC EVIDENCE FOR A RAPIDLY ROTATING CORE IN A LOWER-GIANT-BRANCH STAR OBSERVED WITH <i>KEPLER</i> . <i>Astrophysical Journal</i> , 2012, 756, 19.	4.5	290
17	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
18	A REVISED EFFECTIVE TEMPERATURE SCALE FOR THE <i>KEPLER</i> INPUT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 30.	7.7	269

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19	Asteroseismology of old open clusters with Kepler: direct estimate of the integrated red giant branch mass-loss in NGC 6791 and 6819. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2077-2088.	4.4	268
20	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
21	Ensemble Asteroseismology of Solar-Type Stars with the NASA Kepler Mission. <i>Science</i> , 2011, 332, 213-216.	12.6	267
22	Stellar Spin-Orbit Misalignment in a Multiplanet System. <i>Science</i> , 2013, 342, 331-334.	12.6	262
23	FUNDAMENTAL PROPERTIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2013, 767, 127.	4.5	259
24	Seismic constraints on the radial dependence of the internal rotation profiles of six <i>Kepler</i> subgiants and young red giants. <i>Astronomy and Astrophysics</i> , 2014, 564, A27.	5.1	249
25	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
26	Preparation of <i>Kepler</i> light curves for asteroseismic analyses. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 414, L6-L10.	3.3	230
27	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
28	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 19.	7.7	222
29	Rotation and magnetism of <i>Kepler</i> pulsating solar-like stars. <i>Astronomy and Astrophysics</i> , 2014, 572, A34.	5.1	218
30	FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>KEPLER</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. <i>Astrophysical Journal</i> , 2012, 760, 32.	4.5	206
31	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
32	Accurate fundamental parameters and detailed abundance patterns from spectroscopy of 93 solar-type Kepler targetsâ€“...â€“. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 122-131.	4.4	200
33	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
34	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	27.8	193
35	Asteroseismology of red giants from the first four months of <i>Kepler</i> data: Fundamental stellar parameters. <i>Astronomy and Astrophysics</i> , 2010, 522, A1.	5.1	191
36	Kepler Detected Gravity-Mode Period Spacings in a Red Giant Star. <i>Science</i> , 2011, 332, 205-205.	12.6	187

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37	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , 2017, 844, 102.	4.5	185
38	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	7.7	183
39	The relation between $\hat{\nu}$ and ν_{\max} for solar-like oscillations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 400, L80-L84.	3.3	181
40	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. <i>Astrophysical Journal</i> , 2014, 790, 127.	4.5	181
41	Determining global parameters of the oscillations of solar-like stars. <i>Astronomy and Astrophysics</i> , 2010, 511, A46.	5.1	178
42	CoRoT sounds the stars: p-mode parameters of Sun-like oscillations on HD 49933. <i>Astronomy and Astrophysics</i> , 2008, 488, 705-714.	5.1	178
43	KEPLER MISSION STELLAR AND INSTRUMENT NOISE PROPERTIES. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 6.	7.7	175
44	Hot super-Earths stripped by their host stars. <i>Nature Communications</i> , 2016, 7, 11201.	12.8	172
45	ASTEROSEISMOLOGY OF RED GIANTS FROM THE FIRST FOUR MONTHS OF KEPLER DATA: GLOBAL OSCILLATION PARAMETERS FOR 800 STARS. <i>Astrophysical Journal</i> , 2010, 723, 1607-1617.	4.5	168
46	A UNIFORM ASTEROSEISMIC ANALYSIS OF 22 SOLAR-TYPE STARS OBSERVED BY KEPLER. <i>Astrophysical Journal</i> , 2012, 749, 152.	4.5	167
47	Characterization of the power excess of solar-like oscillations in red giants with Kepler. <i>Astronomy and Astrophysics</i> , 2012, 537, A30.	5.1	166
48	AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170.	4.5	164
49	Galactic archaeology: mapping and dating stellar populations with asteroseismology of red-giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 423-428.	4.4	163
50	ASTEROSEISMIC DETERMINATION OF OBLIQUITIES OF THE EXOPLANET SYSTEMS KEPLER-50 AND KEPLER-65. <i>Astrophysical Journal</i> , 2013, 766, 101.	4.5	158
51	ASTEROSEISMOLOGY OF THE SOLAR ANALOGS 16 Cyg A AND B FROM KEPLER OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2012, 748, L10.	8.3	156
52	Mixed modes in red giants: a window on stellar evolution. <i>Astronomy and Astrophysics</i> , 2014, 572, L5.	5.1	156
53	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
54	GRANULATION IN RED GIANTS: OBSERVATIONS BY THE KEPLER MISSION AND THREE-DIMENSIONAL CONVECTION SIMULATIONS. <i>Astrophysical Journal</i> , 2011, 741, 119.	4.5	153

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55	VERIFYING ASTEROSEISMICALLY DETERMINED PARAMETERS OF <i>KEPLER</i> STARS USING <i>HIPPARCOS</i> PARALLAXES: SELF-CONSISTENT STELLAR PROPERTIES AND DISTANCES. <i>Astrophysical Journal</i> , 2012, 757, 99.	4.5	151
56	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
57	AN IN-DEPTH STUDY OF GRID-BASED ASTEROSEISMIC ANALYSIS. <i>Astrophysical Journal</i> , 2011, 730, 63.	4.5	142
58	RADIUS DETERMINATION OF SOLAR-TYPE STARS USING ASTEROSEISMOLOGY: WHAT TO EXPECT FROM THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2009, 700, 1589-1602.	4.5	141
59	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
60	BiSON performance. <i>Solar Physics</i> , 1996, 168, 1-18.	2.5	130
61	A PRECISE ASTEROSEISMIC AGE AND RADIUS FOR THE EVOLVED SUN-LIKE STAR KIC 11026764. <i>Astrophysical Journal</i> , 2010, 723, 1583-1598.	4.5	130
62	ASTEROSEISMOLOGY OF THE OPEN CLUSTERS NGC 6791, NGC 6811, AND NGC 6819 FROM 19 MONTHS OF <i>KEPLER</i> PHOTOMETRY. <i>Astrophysical Journal</i> , 2012, 757, 190.	4.5	129
63	Oscillation mode frequencies of 61 main-sequence and subgiant stars observed by <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2012, 543, A54.	5.1	126
64	KEPLER-21b: A 1.6 R_{\oplus} PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. <i>Astrophysical Journal</i> , 2012, 746, 123.	4.5	124
65	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. <i>Astrophysical Journal Letters</i> , 2010, 713, L169-L175.	8.3	122
66	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , 2016, 830, 138.	4.5	122
67	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
68	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 23.	7.7	121
69	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
70	SOUNDING OPEN CLUSTERS: ASTEROSEISMIC CONSTRAINTS FROM <i>KEPLER</i> ON THE PROPERTIES OF NGC 6791 AND NGC 6819. <i>Astrophysical Journal Letters</i> , 2011, 729, L10.	8.3	120
71	CALIBRATIONS OF ATMOSPHERIC PARAMETERS OBTAINED FROM THE FIRST YEAR OF SDSS-III APOGEE OBSERVATIONS. <i>Astronomical Journal</i> , 2013, 146, 133.	4.7	119
72	PREDICTING THE DETECTABILITY OF OSCILLATIONS IN SOLAR-TYPE STARS OBSERVED BY <i>KEPLER</i> . <i>Astrophysical Journal</i> , 2011, 732, 54.	4.5	118

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73	DETERMINATION OF STELLAR RADII FROM ASTEROSEISMIC DATA. <i>Astrophysical Journal</i> , 2010, 710, 1596-1609.	4.5	117
74	The Amplitude of Solar Oscillations Using Stellar Techniques. <i>Astrophysical Journal</i> , 2008, 682, 1370-1375.	4.5	116
75	STELLAR AGES AND CONVECTIVE CORES IN FIELD MAIN-SEQUENCE STARS: FIRST ASTEROSEISMIC APPLICATION TO TWO <i>KEPLER</i> TARGETS. <i>Astrophysical Journal</i> , 2013, 769, 141.	4.5	115
76	EVIDENCE FOR THE IMPACT OF STELLAR ACTIVITY ON THE DETECTABILITY OF SOLAR-LIKE OSCILLATIONS OBSERVED BY <i>KEPLER</i> . <i>Astrophysical Journal Letters</i> , 2011, 732, L5.	8.3	114
77	The Octave (Birmingham-Sheffield Hallam) automated pipeline for extracting oscillation parameters of solar-like main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2049-2059.	4.4	112
78	A SEISMIC SIGNATURE OF A SECOND DYNAMO?. <i>Astrophysical Journal Letters</i> , 2010, 718, L19-L22.	8.3	110
79	K2P ² A PHOTOMETRY PIPELINE FOR THE K2 MISSION. <i>Astrophysical Journal</i> , 2015, 806, 30.	4.5	110
80	Solarp Mode Frequencies over Three Solar Cycles. <i>Astrophysical Journal</i> , 2007, 659, 1749-1760.	4.5	107
81	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
82	Variations in the excitation and damping of low- \hat{A} solar p modes over the solar activity cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 313, 32-42.	4.4	101
83	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
84	Solar-like oscillations in red giants observed with <i>Kepler</i> : comparison of global oscillation parameters from different methods. <i>Astronomy and Astrophysics</i> , 2011, 525, A131.	5.1	100
85	WHAT ASTEROSEISMOLOGY CAN DO FOR EXOPLANETS: KEPLER-410A b IS A SMALL NEPTUNE AROUND A BRIGHT STAR, IN AN ECCENTRIC ORBIT CONSISTENT WITH LOW OBLIQUITY. <i>Astrophysical Journal</i> , 2014, 782, 14.	4.5	98
86	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
87	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
88	Global asteroseismic properties of solar-like oscillations observed by Kepler: a comparison of complementary analysis methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3539-3551.	4.4	93
89	The quest for the solar g modes. <i>Astronomy and Astrophysics Review</i> , 2010, 18, 197-277.	25.5	92
90	Abundance to age ratios in the HARPS-GTO sample with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 624, A78.	5.1	92

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91	SPIN-ORBIT ALIGNMENT OF EXOPLANET SYSTEMS: ENSEMBLE ANALYSIS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2016, 819, 85.	4.5	91
92	Characterization of red giant stars in the public Kepler data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2594-2601.	4.4	89
93	AN ASTEROSEISMIC MEMBERSHIP STUDY OF THE RED GIANTS IN THREE OPEN CLUSTERS OBSERVED BY KEPLER: NGC 6791, NGC 6819, AND NGC 6811. <i>Astrophysical Journal</i> , 2011, 739, 13.	4.5	88
94	On model predictions of the power spectral density of radial solar p modes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 859-868.	4.4	86
95	THE K2 GALACTIC ARCHAEOLOGY PROGRAM DATA RELEASE I: ASTEROSEISMIC RESULTS FROM CAMPAIGN 1. <i>Astrophysical Journal</i> , 2017, 835, 83.	4.5	85
96	Age dissection of the Milky Way discs: Red giants in the Kepler field. <i>Astronomy and Astrophysics</i> , 2021, 645, A85.	5.1	85
97	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
98	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE AND KEPLER. <i>Astrophysical Journal Letters</i> , 2014, 785, L28.	8.3	84
99	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE KEPLER K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. <i>Astrophysical Journal Letters</i> , 2015, 809, L3.	8.3	84
100	A fresh look at the seismic spectrum of HD49933: analysis of 180 days of CoRoT photometry. <i>Astronomy and Astrophysics</i> , 2009, 507, L13-L16.	5.1	83
101	Evolutionary influences on the structure of red-giant acoustic oscillation spectra from 600d of Kepler observations. <i>Astronomy and Astrophysics</i> , 2012, 541, A51.	5.1	83
102	Definitive Sun-as-a-star p-mode frequencies: 23 years of BiSON observations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 396, L100-L104.	3.3	82
103	CALIBRATING CONVECTIVE PROPERTIES OF SOLAR-LIKE STARS IN THE KEPLER FIELD OF VIEW. <i>Astrophysical Journal Letters</i> , 2012, 755, L12.	8.3	80
104	Seismic constraints on rotation of Sun-like star and mass of exoplanet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13267-13271.	7.1	79
105	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
106	A MULTI-SITE CAMPAIGN TO MEASURE SOLAR-LIKE OSCILLATIONS IN PROCYON. II. MODE FREQUENCIES. <i>Astrophysical Journal</i> , 2010, 713, 935-949.	4.5	78
107	Solar-like oscillations with low amplitude in the CoRoT target HD181906. <i>Astronomy and Astrophysics</i> , 2009, 506, 41-50.	5.1	76
108	KEPLER-93b: A TERRESTRIAL WORLD MEASURED TO WITHIN 120 km, AND A TEST CASE FOR A NEW SPITZER OBSERVING MODE. <i>Astrophysical Journal</i> , 2014, 790, 12.	4.5	76

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109	Accurate p-mode measurements of the G0V metal-rich CoRoT target HD52265. <i>Astronomy and Astrophysics</i> , 2011, 530, A97.	5.1	75
110	The radius and mass of the close solar twin 18Scorpii derived from asteroseismology and interferometry. <i>Astronomy and Astrophysics</i> , 2011, 526, L4.	5.1	73
111	MEASUREMENT OF ACOUSTIC GLITCHES IN SOLAR-TYPE STARS FROM OSCILLATION FREQUENCIES OBSERVED BY KEPLER. <i>Astrophysical Journal</i> , 2014, 782, 18.	4.5	73
112	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
113	Solar-like oscillations in HD 181420: data analysis of 156 days of CoRoT data. <i>Astronomy and Astrophysics</i> , 2009, 506, 51-56.	5.1	70
114	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
115	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
116	The observation and simulation of stochastically excited solar p modes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 287, 51-56.	4.4	69
117	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
118	Very regular high-frequency pulsation modes in young intermediate-mass stars. <i>Nature</i> , 2020, 581, 147-151.	27.8	69
119	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
120	Skew-symmetric solar p modes in low-l BISON data. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 308, 424-430.	4.4	67
121	Asteroseismology from multi-month Kepler photometry: the evolved Sun-like stars KIC10273246 and KIC10920273. <i>Astronomy and Astrophysics</i> , 2011, 534, A6.	5.1	67
122	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67
123	First Results from the Hertzsprung SONG Telescope: Asteroseismology of the G5 Subgiant Star ϵ Herculis*. <i>Astrophysical Journal</i> , 2017, 836, 142.	4.5	66
124	Mode lifetimes of stellar oscillations. <i>Astronomy and Astrophysics</i> , 2009, 500, L21-L24.	5.1	65
125	The solar-like CoRoT target HD170987: spectroscopic and seismic observations. <i>Astronomy and Astrophysics</i> , 2010, 518, A53.	5.1	65
126	Frequency, splitting, linewidth and amplitude estimates of low- ℓ p modes of ϵ Cen A: analysis of Wide-Field Infrared Explorer photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 935-944.	4.4	64

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127	Challenges for asteroseismic analysis of Sun-like stars. <i>Astronomy and Astrophysics</i> , 2008, 485, 813-822.	5.1	64
128	DISCOVERY OF A RED GIANT WITH SOLAR-LIKE OSCILLATIONS IN AN ECLIPSING BINARY SYSTEM FROM <i>KEPLER</i> SPACE-BASED PHOTOMETRY. <i>Astrophysical Journal Letters</i> , 2010, 713, L187-L191.	8.3	64
129	A large sample of calibration stars for Gaia: $\log g$ from Kepler and CoRoT fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 2419-2432.	4.4	64
130	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
131	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
132	PLATO as it is: A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	1.2	61
133	Chronologically dating the early assembly of the Milky Way. <i>Nature Astronomy</i> , 2021, 5, 640-647.	10.1	61
134	SOLAR-LIKE OSCILLATIONS IN KIC 11395018 AND KIC 11234888 FROM 8 MONTHS OF <i>KEPLER</i> DATA. <i>Astrophysical Journal</i> , 2011, 733, 95.	4.5	60
135	Oscillation mode linewidths of main-sequence and subgiant stars observed by <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2012, 537, A134.	5.1	60
136	<i>KEPLER</i> MISSION STELLAR AND INSTRUMENT NOISE PROPERTIES REVISITED. <i>Astronomical Journal</i> , 2015, 150, 133.	4.7	60
137	Filtering Solar-Like Oscillations for Exoplanet Detection in Radial Velocity Observations. <i>Astronomical Journal</i> , 2019, 157, 163.	4.7	59
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