

Kepler, So

List of Publications by Year in descending order

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200
papers

6,543
citations

66343

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72
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202
docs citations

202
times ranked

2152
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of 74 new bright ZZ Ceti stars in the first three years of <i>TESS</i> . Monthly Notices of the Royal Astronomical Society, 2022, 511, 1574-1590.	4.4	14
2	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. Astronomy and Astrophysics, 2022, 659, A30.	5.1	7
3	The Pulsating Helium-atmosphere White Dwarfs. I. New DBVs from the Sloan Digital Sky Survey. Astrophysical Journal, 2022, 927, 158.	4.5	4
4	The impact of the uncertainties in the $^{12}\text{C}(\alpha, n)^{13}\text{C}$ reaction rate on the evolution of low- to intermediate-mass stars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1499-1512.	4.4	7
5	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with <i>TESS</i> IV. Discovery of two new GW Vir stars: TIC 0403800675 and TIC 1989122424. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2285-2291.	4.4	4
6	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. Astronomy and Astrophysics, 2021, 645, A117.	5.1	19
7	Mysterious, variable, and extremely hot: White dwarfs showing ultra-high excitation lines. Astronomy and Astrophysics, 2021, 647, A184.	5.1	7
8	Convection and rotation boosted prescription of magnetic braking: application to the formation of extremely low-mass white dwarfs. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3266-3281.	4.4	13
9	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. Astronomy and Astrophysics, 2021, 655, A27.	5.1	9
10	White dwarf and subdwarf stars in the Sloan Digital Sky Survey Data Release 16. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4646-4660.	4.4	13
11	The Pulsating White Dwarf G117-B15A: Still the Most Stable Optical Clock Known. Astrophysical Journal, 2021, 906, 7.	4.5	12
12	Hot Degenerates in the MCT Survey. III. A Sample of White Dwarf Stars in the Southern Hemisphere. Astronomical Journal, 2021, 162, 188.	4.7	4
13	SDSS J124043.01+671034.68: the partially burned remnant of a low-mass white dwarf that underwent thermonuclear ignition?. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4079-4086.	4.4	4
14	Pulsation in the white dwarf HE 1017-1352: confirmation of the class of hot DAV stars. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 497, L24-L29.	3.3	2
15	<i>Gaia</i> white dwarfs within 40 pc. I. Spectroscopic observations of new candidates. Monthly Notices of the Royal Astronomical Society, 2020, 497, 130-145.	4.4	45
16	Evidence of spectral evolution on the white dwarf sample from the <i>Gaia</i> mission. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5003-5010.	4.4	9
17	About the existence of warm H-rich pulsating white dwarfs. Astronomy and Astrophysics, 2020, 633, A20.	5.1	11
18	New white dwarf envelope models and diffusion. Astronomy and Astrophysics, 2020, 635, A103.	5.1	40

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19	Pulsating white dwarfs: new insights. <i>Astronomy and Astrophysics Review</i> , 2019, 27, 1.	25.5	129
20	Ground-based observation of ZZ Ceti stars and the discovery of four new variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1803-1820.	4.4	9
21	White dwarf and subdwarf stars in the Sloan Digital Sky Survey Data Release 14. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2169-2183.	4.4	80
22	Carbon-rich (DQ) white dwarfs in the Sloan Digital Sky Survey. <i>Astronomy and Astrophysics</i> , 2019, 628, A102.	5.1	28
23	The sdA problem – III. New extremely low-mass white dwarfs and their precursors from <i>Gaia</i> astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3831-3842.	4.4	24
24	A study of cool white dwarfs in the Sloan Digital Sky Survey Data Release 12. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 649-657.	4.4	18
25	Defining the DS Spectral Type for Oxygen-atmosphere White Dwarfs. <i>Research Notes of the AAS</i> , 2019, 3, 109.	0.7	2
26	The sdA problem – I. Physical properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2480-2495.	4.4	22
27	On the evolutionary status and pulsations of the recently discovered blue large-amplitude pulsators (BLAPs). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 477, L30-L34.	3.3	22
28	Asteroseismology of ZZ Ceti stars with full evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2018, 613, A46.	5.1	13
29	Outliers: multicolour photometry guiding the search for evolved binary systems in the globular cluster 47 Tucanae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4397-4409.	4.4	5
30	Phase transitions in neutron stars. <i>International Journal of Modern Physics E</i> , 2018, 27, 1830008.	1.0	17
31	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2018, 620, A196.	5.1	9
32	Comparing the asteroseismic properties of pulsating pre-extremely low mass white dwarf and <i>Scuti</i> stars. <i>Astronomy and Astrophysics</i> , 2018, 616, A80.	5.1	5
33	The McDonald Observatory search for pulsating sdA stars. <i>Astronomy and Astrophysics</i> , 2018, 617, A6.	5.1	11
34	White dwarf variability with gPhoton: pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4768-4780.	4.4	5
35	The sdA problem – II. Photometric and spectroscopic follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 867-884.	4.4	23
36	New full evolutionary sequences of H- and He-atmosphere massive white dwarf stars using mesa. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1547-1562.	4.4	40

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37	Evidence from K2 for Rapid Rotation in the Descendant of an Intermediate-mass Star. <i>Astrophysical Journal Letters</i> , 2017, 841, L2.	8.3	24
38	White Dwarf Stars. <i>International Journal of Modern Physics Conference Series</i> , 2017, 45, 1760023.	0.7	4
39	Asteroseismology of ZZ Ceti stars with fully evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2017, 599, A21.	5.1	32
40	Probing the Structure of Kepler ZZ Ceti Stars with Full Evolutionary Models-based Asteroseismology. <i>Astrophysical Journal</i> , 2017, 851, 60.	4.5	17
41	Are sdAs helium core stars?. <i>Open Astronomy</i> , 2017, 26, .	0.6	4
42	Low-mass variable stars in the globular cluster NGC 6397. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2816-2821.	4.4	1
43	Two new pulsating low-mass pre-white dwarfs or SX Phoenicis stars?. <i>Astronomy and Astrophysics</i> , 2016, 587, L5.	5.1	12
44	A white dwarf with an oxygen atmosphere. <i>Science</i> , 2016, 352, 67-69.	12.6	38
45	New white dwarf and subdwarf stars in the Sloan Digital Sky Survey Data Release 12. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3413-3423.	4.4	204
46	A comparative analysis of the observed white dwarf cooling sequence from globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3729-3742.	4.4	24
47	Magnetic white dwarfs: Observations, theory and future prospects. <i>International Journal of Modern Physics D</i> , 2016, 25, 1630005.	2.1	9
48	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2016, 588, A74.	5.1	32
49	TRIENNIAL REPORT (2012-2015): THE LEGACY ISSUE. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 413-427.	0.0	0
50	The age-metallicity dependence for white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3708-3723.	4.4	45
51	Constraining the physics of carbon crystallization through pulsations of a massive DAV BPM37093. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 493-496.	0.0	3
52	DB white dwarfs in the Sloan Digital Sky Survey data release 10 and 12. <i>Astronomy and Astrophysics</i> , 2015, 583, A86.	5.1	82
53	Extracting parameters from colour-magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2500-2505.	4.4	7
54	New SX Phe variables in the globular cluster NGC 288.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2235-2242.	4.4	6

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55	New white dwarf stars in the Sloan Digital Sky Survey Data Release 10. Monthly Notices of the Royal Astronomical Society, 2015, 446, 4078-4087.	4.4	192
56	Unified line profiles for hydrogen perturbed by collisions with protons: satellites and asymmetries. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2332-2343.	4.4	3
57	Analysis of cool DO-type white dwarfs from the Sloan Digital Sky Survey data release 10. Astronomy and Astrophysics, 2014, 572, A117.	5.1	24
58	Revealing the pulsational properties of the V777 Herculis star KUV 05134+2605 by its long-term monitoring. Astronomy and Astrophysics, 2014, 570, A116.	5.1	15
59	New hydrogen-deficient (pre-) white dwarfs in the Sloan Digital Sky Survey Data Release 10. Astronomy and Astrophysics, 2014, 564, A53.	5.1	39
60	Probing mass segregation in the globular cluster NGC 6397. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3105-3111.	4.4	10
61	Discovery of a new PG 1159 (GW Vir) pulsator. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2278-2281.	4.4	12
62	DISCOVERY OF AN ULTRAMASSIVE PULSATING WHITE DWARF. Astrophysical Journal Letters, 2013, 771, L2.	8.3	35
63	Discovery of five new massive pulsating white dwarf stars.... Monthly Notices of the Royal Astronomical Society, 2013, 430, 50-59.	4.4	31
64	Magnetic white dwarf stars in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2934-2944.	4.4	130
65	Mapping the differential reddening in globular clusters.... Monthly Notices of the Royal Astronomical Society, 2013, 435, 263-272.	4.4	23
66	Multichromatic colour-magnitude diagrams of the globular cluster NGC 6366.... Monthly Notices of the Royal Astronomical Society, 2013, 433, 243-250.	4.4	14
67	MEASURING THE EVOLUTIONARY RATE OF COOLING OF ZZ Ceti. Astrophysical Journal, 2013, 771, 17.	4.5	27
68	SDSS DR7 WHITE DWARF CATALOG. Astrophysical Journal, Supplement Series, 2013, 204, 5.	7.7	310
69	ASTEROSEISMOLOGICAL STUDY OF MASSIVE ZZ CETI STARS WITH FULLY EVOLUTIONARY MODELS. Astrophysical Journal, 2013, 779, 58.	4.5	47
70	PHOTOMETRIC VARIABILITY IN A WARM, STRONGLY MAGNETIC DQ WHITE DWARF, SDSS J103655.39+652252.2. Astrophysical Journal, 2013, 769, 123.	4.5	18
71	The most massive pulsating white dwarf stars. Proceedings of the International Astronomical Union, 2013, 9, 281-284.	0.0	0
72	SEISMOLOGY OF A MASSIVE PULSATING HYDROGEN ATMOSPHERE WHITE DWARF. Astrophysical Journal, 2012, 757, 177.	4.5	10

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73	EMPIRICAL DETERMINATION OF CONVECTION PARAMETERS IN WHITE DWARFS. I. WHOLE EARTH TELESCOPE OBSERVATIONS OF EC14012-1446. <i>Astrophysical Journal</i> , 2012, 751, 91.	4.5	32
74	Toward ensemble asteroseismology of ZZ Ceti stars with fully evolutionary models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1462-1480.	4.4	107
75	Theoretical study of the line profiles of the hydrogen perturbed by collisions with protons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 68-79.	4.4	10
76	The rate of cooling of the pulsating white dwarf star G117âˆ’B15A: a new asteroseismological inference of the axion mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2792-2799.	4.4	75
77	COMMISSION 27: VARIABLE STARS. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 213-218.	0.0	0
78	DISCOVERY OF A NEW AM CVn SYSTEM WITH THE KEPLER SATELLITE. <i>Astrophysical Journal</i> , 2011, 726, 92.	4.5	36
79	Lyman $\hat{\pm}$ wing absorption in cool white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 781-791.	4.4	18
80	Whole Earth Telescope observations of the subdwarf B star KPDâˆ’1930+2752: a rich, short-period pulsator in a close binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 371-390.	4.4	10
81	The pulsations of PG 1351+489. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1220-1227.	4.4	13
82	Probing the internal rotation of pre-white dwarf stars with asteroseismology: the case of PG 0122+200. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 2519-2526.	4.4	19
83	Astronomy in Brazil. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 18-26.	0.0	2
84	White Dwarfs in NGC6397 and M4: Constraints on the Physics of Crystallization. , 2010, , .		1
85	Magnetic White Dwarfs in the SDSS and Estimating the Mean Mass of Normal DA and DB WDs. <i>AIP Conference Proceedings</i> , 2010, , .	0.4	5
86	Discovery of twelve ZZ Ceti stars. , 2010, , .		0
87	EVIDENCE FOR TEMPERATURE CHANGE AND OBLIQUE PULSATION FROM LIGHT CURVE FITS OF THE PULSATING WHITE DWARF GD 358. <i>Astrophysical Journal</i> , 2010, 716, 84-96.	4.5	30
88	New developments of the ZZ Ceti instability strip: the discovery of 11 new variablesâˆ’.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	17
89	THE PHYSICS OF CRYSTALLIZATION FROM GLOBULAR CLUSTER WHITE DWARF STARS IN NGC 6397. <i>Astrophysical Journal</i> , 2009, 693, L6-L10.	4.5	60
90	ON THE POSSIBLE EXISTENCE OF SHORT-PERIOD g -MODE INSTABILITIES POWERED BY NUCLEAR-BURNING SHELLS IN POST-ASYMPTOTIC GIANT BRANCH H-DEFICIENT (PG1159-TYPE) STARS. <i>Astrophysical Journal</i> , 2009, 701, 1008-1014.	4.5	22

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91	NEW EVOLUTIONARY SEQUENCES FOR HOT H-DEFICIENT WHITE DWARFS ON THE BASIS OF A FULL ACCOUNT OF PROGENITOR EVOLUTION. <i>Astrophysical Journal</i> , 2009, 704, 1605-1615.	4.5	66
92	NEW PULSATING DB WHITE DWARF STARS FROM THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 690, 560-565.	4.5	29
93	2006 WHOLE EARTH TELESCOPE OBSERVATIONS OF GD358: A NEW LOOK AT THE PROTOTYPE DBV. <i>Astrophysical Journal</i> , 2009, 693, 564-585.	4.5	35
94	Seismology of White Dwarfs: The ZZ Ceti Stars. , 2009, , .		0
95	Seismological studies of ZZ Ceti stars - II. Application to the ZZ Ceti class. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1709-1731.	4.4	61
96	SDSS white dwarf mass distribution at low effective temperatures. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012006.	0.4	31
97	Doubling the number of pulsating DB white dwarfs. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012073.	0.4	1
98	Preliminary XCOV26 results for EC14012-1446. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012061.	0.4	0
99	New pulsating ZZ ceti stars. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012064.	0.4	0
100	Seismological studies of ZZ Ceti stars. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012068.	0.4	1
101	Watching ZZ Ceti evolve. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012074.	0.4	5
102	Whole Earth Telescope observations of the hot helium atmosphere pulsating white dwarf EC20058âˆ”5234. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 137-152.	4.4	20
103	Evidence of Thin Helium Envelopes in PG 1159 Stars. <i>Astrophysical Journal</i> , 2008, 677, L35-L38.	4.5	17
104	WHITE DWARF LUMINOSITY AND MASS FUNCTIONS FROM SLOAN DIGITAL SKY SURVEY SPECTRA. <i>Astronomical Journal</i> , 2008, 135, 1-9.	4.7	64
105	Limits on Planets around Pulsating White Dwarf Stars. <i>Astrophysical Journal</i> , 2008, 676, 573-583.	4.5	99
106	Asteroseismological measurements on PG1159-035, the prototype of the GW Virginis variable stars. <i>Astronomy and Astrophysics</i> , 2008, 478, 869-881.	5.1	38
107	On the systematics of asteroseismological mass determinations of PG 1159 stars. <i>Astronomy and Astrophysics</i> , 2008, 478, 175-180.	5.1	9
108	The pulsation modes of the pre-white dwarf PG 1159-035. <i>Astronomy and Astrophysics</i> , 2008, 477, 627-640.	5.1	46

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109	The temporal changes of the pulsational periods of the pre-white dwarf PG 1159-035. <i>Astronomy and Astrophysics</i> , 2008, 489, 1225-1232.	5.1	30
110	Towards a pure ZZ Ceti instability strip. <i>Astronomy and Astrophysics</i> , 2007, 462, 989-993.	5.1	35
111	White dwarf mass distribution in the SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1315-1324.	4.4	270
112	Ensemble Characteristics of the ZZ Ceti Stars. <i>Astrophysical Journal</i> , 2006, 640, 956-965.	4.5	81
113	Whole Earth Telescope Observations of the Pulsating Subdwarf B Star PG 0014+067. <i>Astrophysical Journal</i> , 2006, 646, 1230-1240.	4.5	22
114	Discovery of eleven new ZZ Ceti stars. <i>Astronomy and Astrophysics</i> , 2006, 450, 227-231.	5.1	36
115	Discovery of seven ZZ Ceti stars using a new photometric selection method. <i>Astronomy and Astrophysics</i> , 2006, 450, 1061-1070.	5.1	17
116	Gemini spectra of 12 000 K white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 1799-1803.	4.4	17
117	Analysis of IUE spectra of helium-rich white dwarf stars. <i>Astronomy and Astrophysics</i> , 2006, 450, 331-337.	5.1	24
118	Eleven New DA White Dwarf Variable Stars from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2005, 625, 966-972.	4.5	54
119	Pushing the ground-based limit: 14 ¹ / ₄ mag photometric precision with the definitive Whole Earth Telescope asteroseismic data set for the rapidly oscillating Ap star HR 1217. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 651-664.	4.4	59
120	Measuring the Evolution of the Most Stable Optical Clock G 117+15A. <i>Astrophysical Journal</i> , 2005, 634, 1311-1318.	4.5	72
121	Whole Earth Telescope observations of BPM 37093: A seismicological test of crystallization theory in white dwarfs. <i>Astronomy and Astrophysics</i> , 2005, 432, 219-224.	5.1	55
122	HST observations of the pulsating white dwarf GD 358. <i>Astronomy and Astrophysics</i> , 2005, 432, 175-179.	5.1	18
123	Discovery of fourteen new ZZ Ceti stars with SOAR. <i>Astronomy and Astrophysics</i> , 2005, 442, 629-634.	5.1	33
124	WHITE DWARFS AS LABORATORIES. <i>International Journal of Modern Physics D</i> , 2004, 13, 1493-1508.	2.1	6
125	THE PULSATING WHITE DWARF G 185-32. <i>International Journal of Modern Physics D</i> , 2004, 13, 1213-1216.	2.1	1
126	Redefining the Empirical ZZ Ceti Instability Strip. <i>Astrophysical Journal</i> , 2004, 612, 1052-1059.	4.5	52

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127	Observations of the Pulsating White Dwarf G18532. <i>Astronomy and Astrophysics</i> , 2004, 413, 623-634.	5.1	20
128	Whole Earth Telescope observations of the pulsating hot white dwarf PG1707+427. <i>Astronomy and Astrophysics</i> , 2004, 428, 969-981.	5.1	24
129	Thirty-Five New Pulsating DA White Dwarf Stars. <i>Astrophysical Journal</i> , 2004, 607, 982-998.	4.5	97
130	Amplitude and frequency variability of the pulsating DB white dwarf stars KUV 05134+2605 and PG 1654+160 observed with the Whole Earth Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 1031-1038.	4.4	17
131	A Whole Earth Telescope campaign on the pulsating subdwarf B binary system PG 1336+018 (NY Vir). <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 834-846.	4.4	46
132	Constraining the Evolution of ZZ Ceti. <i>Astrophysical Journal</i> , 2003, 594, 961-970.	4.5	37
133	Cow: The Council of Directors of Wet. <i>Open Astronomy</i> , 2003, 12, .	0.6	0
134	Wet Observations of GD 358 in 2000. <i>Open Astronomy</i> , 2003, 12, .	0.6	1
135	PG 1605+072 in Wet XCov22: Support for the Multi Site Spectroscopic Telescope. <i>Open Astronomy</i> , 2003, 12, .	0.6	0
136	Period Stability on Pulsating White Dwarfs. , 2003, , 239-241.		1
137	The Search for Planets Around Pulsating White Dwarf Stars. , 2003, , 337-338.		4
138	The everchanging pulsating white dwarf GD358. <i>Astronomy and Astrophysics</i> , 2003, 401, 639-654.	5.1	52
139	Searching for the Most Stable Pulsating Stars. , 2003, , 227-230.		1
140	Search for Magnetic Fields Among Non-Pulsators in the DAV Instability Strip. , 2003, , 265-266.		0
141	The ZZ Ceti red edge. <i>Astronomy and Astrophysics</i> , 2002, 389, 896-903.	5.1	45
142	Discovery of the "missing" mode in HR1217 by the Whole Earth Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 57-61.	4.4	42
143	Asteroseismology of RXJ2117+3412, the hottest pulsating PG1159 star. <i>Astronomy and Astrophysics</i> , 2002, 381, 122-150.	5.1	32
144	A New ZZ Ceti White Dwarf Pulsator: G3020. <i>Astrophysical Journal</i> , 2002, 580, 429-433.	4.5	10

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145	Evolutionary Timescale of the Pulsating White Dwarf G117-B15A: The Most Stable Optical Clock Known. <i>Astrophysical Journal</i> , 2000, 534, L185-L188.	4.5	72
146	Normal modes and discovery of high-order cross-frequencies in the DBV white dwarf GD 358. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 689-701.	4.4	33
147	Observational Proof of the ZZ Ceti Red Edge. <i>International Astronomical Union Colloquium</i> , 2000, 176, 518-518.	0.1	1
148	Time Scales for Period Change in Pulsating White Dwarf Stars. <i>International Astronomical Union Colloquium</i> , 2000, 176, 521-522.	0.1	0
149	Search For Cool White Dwarf Pulsators. <i>International Astronomical Union Colloquium</i> , 2000, 176, 525-526.	0.1	0
150	Mode Identification of Pulsating White Dwarfs Using the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2000, 539, 379-391.	4.5	46
151	Direct Measurement of a Secular Pulsation Period Change in the Pulsating Hot Pre-White Dwarf PG 1159+035. <i>Astrophysical Journal</i> , 1999, 522, 973-982.	4.5	38
152	HST Observation of GD 358. <i>Open Astronomy</i> , 1998, 7, 203-210.	0.6	0
153	BPM 37093: The Way to the Interior of Crystallized Stars. <i>Open Astronomy</i> , 1998, 7, .	0.6	0
154	Direct measurement of the secular pulsational variation of the DOV star PG 1159-035. <i>Open Astronomy</i> , 1998, 7, .	0.6	6
155	Understanding the Cool DA White Dwarf Pulsator, G29+38. <i>Astrophysical Journal</i> , 1998, 495, 424-434.	4.5	98
156	Asteroseismology of a Star Cooled by Neutrino Emission: The Pulsating Pre-White Dwarf PG 0122+200. <i>Astrophysical Journal</i> , 1998, 495, 458-467.	4.5	27
157	New Whole Earth Telescope observations of CD-24 7599: steps towards \hat{A} Scuti star seismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 303-314.	4.4	55
158	Whole Earth Telescope Observations of the Helium Interacting Binary PG 1346+082 (CR Bootis). <i>Astrophysical Journal</i> , 1997, 480, 383-394.	4.5	38
159	An Empirical Test of the Theory of Crystallization in Stellar Interiors. <i>Astrophysical Journal</i> , 1997, 487, L191-L194.	4.5	36
160	Modeling Time-Resolved Spectra of ZZ Ceti Stars. <i>Astrophysics and Space Science Library</i> , 1997, , 481-484.	2.7	1
161	Structure and evolution of white dwarfs.. <i>Open Astronomy</i> , 1995, 4, .	0.6	2
162	The unusual helium variable AM Canum Venaticorum. <i>Astrophysical Journal</i> , 1995, 445, 927.	4.5	21

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163	Whole Earth Telescope Observations of the DAV White Dwarf G226-29. <i>Astrophysical Journal</i> , 1995, 447, 874.	4.5	35
164	Whole Earth Telescope Observations and Seismological Analysis of the Pre-White Dwarf PG 2131+066. <i>Astrophysical Journal</i> , 1995, 450, 350.	4.5	46
165	A new hot DA white dwarf in a region of exceptionally low H I density. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 267, 647-652.	4.4	8
166	Hot degenerates in the Montreal-Cambridge-Tololo survey. 2: Two new hybrid white dwarfs, MCT 0128-3846 and MCT 0453-2933, and the nature of the DAB stars. <i>Astrophysical Journal</i> , 1994, 429, 369.	4.5	19
167	Whole earth telescope observations of the DBV white dwarf GD 358. <i>Astrophysical Journal</i> , 1994, 430, 839.	4.5	176
168	Observational limits on companions to G29-38. <i>Astrophysical Journal</i> , 1994, 436, 875.	4.5	21
169	Observation of a variable, ZZ Ceti white dwarf: GD154. <i>Astrophysics and Space Science</i> , 1993, 210, 201-204.	1.4	0
170	Whole Earth Telescope data analysis. <i>Open Astronomy</i> , 1993, 2, .	0.6	6
171	IUE temperatures for white dwarf stars in and around the ZZ Ceti instability strip. <i>Astronomical Journal</i> , 1993, 105, 608.	4.7	28
172	High-speed photometric observations of the pulsating DA white dwarf GD 165. <i>Astronomical Journal</i> , 1993, 106, 1987.	4.7	21
173	The Hot DAB Degenerates in the MCT Survey. , 1993, , 353-358.		0
174	Whole Earth Telescope observations of V471 Tauri - The nature of the white dwarf variations. <i>Astrophysical Journal</i> , 1992, 391, 773.	4.5	21
175	The discovery of a new DAV star using IUE temperature determination. <i>Astrophysical Journal</i> , 1992, 390, L89.	4.5	35
176	Whole Earth Telescope Observations of PG1346+082. , 1991, , 449-456.		7
177	Asteroseismology of the DOV star PG 1159 - 035 with the Whole Earth Telescope. <i>Astrophysical Journal</i> , 1991, 378, 326.	4.5	223
178	A detection of the evolutionary time scale of the DA white dwarf G117 - B15A with the Whole Earth Telescope. <i>Astrophysical Journal</i> , 1991, 378, L45.	4.5	65
179	A Measurement of the Evolutionary Timescale of the Cool White Dwarf G117-B15A with Wet. , 1991, , 143-151.		3
180	UBVRI photoelectric photometry of ten southern galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 1991, 103, 383.	3.1	0

#	ARTICLE	IF	CITATIONS
181	Hot degenerates in the MCT survey. I - MCT 0130 - 1937, a new, color-selected PG 1159 object. <i>Astrophysical Journal</i> , 1990, 351, 271.	4.5	8
182	An observational limit to the evolutionary time scale of the 13,000 K white dwarf G117 - B15A. <i>Astrophysical Journal</i> , 1990, 357, 204.	4.5	10
183	Whole earth telescope observations of the white dwarf G29-38 - Phase variations of the 615 second period. <i>Astrophysical Journal</i> , 1990, 357, 630.	4.5	26
184	CCD surface photometry of the edge-on galaxy NGC 6835. <i>Publications of the Astronomical Society of the Pacific</i> , 1990, 102, 621.	3.1	0
185	The high-overtone p-mode spectrum of the rapidly oscillating AP star HR 1217 (HD 24712) - results of a frequency analysis of 324 hr of multi-site photometric observations obtained during a 46-d time-span in 1986*. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 240, 881-915.	4.4	55
186	The time dependence of the phases of the harmonics relative to the 1490 sec fundamental in PG1346+082. , 1989, , 296-299.		2
187	G117-1115A: how is it evolving?. , 1989, , 341-345.		0
188	An independent method for determining the age of the universe. <i>Astrophysical Journal</i> , 1987, 315, L77.	4.5	352
189	A measurement of secular evolution in the pre-white dwarf star. <i>Astrophysical Journal</i> , 1985, 292, 606.	4.5	84
190	The ZZ Ceti star GD 385 revisited. <i>Astrophysical Journal</i> , 1984, 278, 754.	4.5	15
191	Light and line profile variations due to r-mode pulsations with an application to the ZZ Ceti star G117-B15A. <i>Astrophysical Journal</i> , 1984, 286, 314.	4.5	27
192	A definitive ephemeris for the 71-second oscillations of DQ Herculis. <i>Publications of the Astronomical Society of the Pacific</i> , 1983, 95, 653.	3.1	7
193	The light curve of the ZZ Ceti star G226-29. <i>Astrophysical Journal</i> , 1983, 271, 744.	4.5	25
194	The QSO 1156+295 - A multifrequency study of recent activity. <i>Astrophysical Journal</i> , 1983, 274, 62.	4.5	36
195	Bt-Monocerotis - an Eclipsing Nova. <i>Astrophysical Journal</i> , 1982, 254, 646.	4.5	16
196	The pulsation periods of the pulsating white dwarf G117-B15A. <i>Astrophysical Journal</i> , 1982, 254, 676.	4.5	44
197	Multicolor variations of the ZZ Ceti stars. <i>Astrophysical Journal</i> , 1982, 259, 219.	4.5	102
198	Wide- and narrow-band photometry of stars in a field around Collinder 135. <i>Publications of the Astronomical Society of the Pacific</i> , 1980, 92, 501.	3.1	4

#	ARTICLE	IF	CITATIONS
199	Seismological studies of ZZ Ceti stars - I. The model grid and the application to individual stars. Monthly Notices of the Royal Astronomical Society, 0, 385, 430-444.	4.4	51
200	The white dwarf mass-radius relation and its dependence on the hydrogen envelope.. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	25