

Kepler, So

List of Publications by Year in descending order

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200
papers

6,543
citations

66343

42
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82547

72
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202
all docs

202
docs citations

202
times ranked

2152
citing authors

#	ARTICLE	IF	CITATIONS
1	An independent method for determining the age of the universe. <i>Astrophysical Journal</i> , 1987, 315, L77.	4.5	352
2	SDSS DR7 WHITE DWARF CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 5.	7.7	310
3	White dwarf mass distribution in the SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1315-1324.	4.4	270
4	Asteroseismology of the DOV star PG 1159 - 035 with the Whole Earth Telescope. <i>Astrophysical Journal</i> , 1991, 378, 326.	4.5	223
5	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
6	New white dwarf stars in the Sloan Digital Sky Survey Data Release 10. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 4078-4087.	4.4	192
7	Whole earth telescope observations of the DBV white dwarf GD 358. <i>Astrophysical Journal</i> , 1994, 430, 839.	4.5	176
8	Magnetic white dwarf stars in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2934-2944.	4.4	130
9	Pulsating white dwarfs: new insights. <i>Astronomy and Astrophysics Review</i> , 2019, 27, 1.	25.5	129
10	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
11	Multicolor variations of the ZZ Ceti stars. <i>Astrophysical Journal</i> , 1982, 259, 219.	4.5	102
12	Limits on Planets around Pulsating White Dwarf Stars. <i>Astrophysical Journal</i> , 2008, 676, 573-583.	4.5	99
13	Understanding the Cool DA White Dwarf Pulsator, G29 ^h 38. <i>Astrophysical Journal</i> , 1998, 495, 424-434.	4.5	98
14	Thirty-Five New Pulsating DA White Dwarf Stars. <i>Astrophysical Journal</i> , 2004, 607, 982-998.	4.5	97
15	A measurement of secular evolution in the pre-white dwarf star. <i>Astrophysical Journal</i> , 1985, 292, 606.	4.5	84
16	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
17	Ensemble Characteristics of the ZZ Ceti Stars. <i>Astrophysical Journal</i> , 2006, 640, 956-965.	4.5	81
18	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

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19	The rate of cooling of the pulsating white dwarf star G117âˆ’B15A: a new asteroseismological inference of the axion mass. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2792-2799.	4.4	75
20	Evolutionary Timescale of the Pulsating White Dwarf G117-B15A: The Most Stable Optical Clock Known. Astrophysical Journal, 2000, 534, L185-L188.	4.5	72
21	Measuring the Evolution of the Most Stable Optical Clock G 117â€B15A. Astrophysical Journal, 2005, 634, 1311-1318.	4.5	72
22	NEW EVOLUTIONARY SEQUENCES FOR HOT H-DEFICIENT WHITE DWARFS ON THE BASIS OF A FULL ACCOUNT OF PROGENITOR EVOLUTION. Astrophysical Journal, 2009, 704, 1605-1615.	4.5	66
23	A detection of the evolutionary time scale of the DA white dwarf G117 - B15A with the Whole Earth Telescope. Astrophysical Journal, 1991, 378, L45.	4.5	65
24	WHITE DWARF LUMINOSITY AND MASS FUNCTIONS FROM SLOAN DIGITAL SKY SURVEY SPECTRA. Astronomical Journal, 2008, 135, 1-9.	4.7	64
25	Seismological studies of ZZ Ceti stars - II. Application to the ZZ Ceti class. Monthly Notices of the Royal Astronomical Society, 2009, 396, 1709-1731.	4.4	61
26	THE PHYSICS OF CRYSTALLIZATION FROM GLOBULAR CLUSTER WHITE DWARF STARS IN NGC 6397. Astrophysical Journal, 2009, 693, L6-L10.	4.5	60
27	Pushing the ground-based limit: 14-1/4mag photometric precision with the definitive Whole Earth Telescope asteroseismic data set for the rapidly oscillating Ap star HRâ€f1217. Monthly Notices of the Royal Astronomical Society, 2005, 358, 651-664.	4.4	59
28	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*. Monthly Notices of the Royal Astronomical Society, 1989, 240, 881-915.	4.4	55
29	New Whole Earth Telescope observations of CD-24 7599: steps towards Å Scuti star seismology. Monthly Notices of the Royal Astronomical Society, 1997, 286, 303-314.	4.4	55
30	Whole Earth Telescope observations of BPMâˆ’37093: Aâ€seismological test of crystallization theory in white dwarfs. Astronomy and Astrophysics, 2005, 432, 219-224.	5.1	55
31	Eleven New DA White Dwarf Variable Stars from the Sloan Digital Sky Survey. Astrophysical Journal, 2005, 625, 966-972.	4.5	54
32	Redefining the Empirical ZZ Ceti Instability Strip. Astrophysical Journal, 2004, 612, 1052-1059.	4.5	52
33	The everchanging pulsating white dwarf GD358. Astronomy and Astrophysics, 2003, 401, 639-654.	5.1	52
34	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
35	ASTEROSEISMOLOGICAL STUDY OF MASSIVE ZZ CETI STARS WITH FULLY EVOLUTIONARY MODELS. Astrophysical Journal, 2013, 779, 58.	4.5	47
36	A Whole Earth Telescope campaign on the pulsating subdwarf B binary system PG 1336âˆ’018 (NY Vir). Monthly Notices of the Royal Astronomical Society, 2003, 345, 834-846.	4.4	46

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37	The pulsation modes of the pre-white dwarf PG 1159-035. <i>Astronomy and Astrophysics</i> , 2008, 477, 627-640.	5.1	46
38	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
39	Mode Identification of Pulsating White Dwarfs Using the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2000, 539, 379-391.	4.5	46
40	The ZZ Ceti red edge. <i>Astronomy and Astrophysics</i> , 2002, 389, 896-903.	5.1	45
41	The age-metallicity dependence for white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3708-3723.	4.4	45
42	<i>Gaia</i> white dwarfs within 40%pc. I. Spectroscopic observations of new candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 130-145.	4.4	45
43	The pulsation periods of the pulsating white dwarf G117-B15A. <i>Astrophysical Journal</i> , 1982, 254, 676.	4.5	44
44	Discovery of the γ mode in HR 1217 by the Whole Earth Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 57-61.	4.4	42
45	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
46	New white dwarf envelope models and diffusion. <i>Astronomy and Astrophysics</i> , 2020, 635, A103.	5.1	40
47	New hydrogen-deficient (pre-) white dwarfs in the Sloan Digital Sky Survey Data Release 10. <i>Astronomy and Astrophysics</i> , 2014, 564, A53.	5.1	39
48	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
49	Asteroseismological measurements on PG 1159-035, the prototype of the GW Virginis variable stars. <i>Astronomy and Astrophysics</i> , 2008, 478, 869-881.	5.1	38
50	A white dwarf with an oxygen atmosphere. <i>Science</i> , 2016, 352, 67-69.	12.6	38
51	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
52	Constraining the Evolution of ZZ Ceti. <i>Astrophysical Journal</i> , 2003, 594, 961-970.	4.5	37
53	Discovery of eleven new ZZ Ceti stars. <i>Astronomy and Astrophysics</i> , 2006, 450, 227-231.	5.1	36
54	DISCOVERY OF A NEW AM CVn SYSTEM WITH THE KEPLER SATELLITE. <i>Astrophysical Journal</i> , 2011, 726, 92.	4.5	36

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55	The QSO 1156+295 - A multifrequency study of recent activity. <i>Astrophysical Journal</i> , 1983, 274, 62.	4.5	36
56	An Empirical Test of the Theory of Crystallization in Stellar Interiors. <i>Astrophysical Journal</i> , 1997, 487, L191-L194.	4.5	36
57	Towards a pure ZZ Ceti instability strip. <i>Astronomy and Astrophysics</i> , 2007, 462, 989-993.	5.1	35
58	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
59	DISCOVERY OF AN ULTRAMASSIVE PULSATING WHITE DWARF. <i>Astrophysical Journal Letters</i> , 2013, 771, L2.	8.3	35
60	Whole Earth Telescope Observations of the DAV White Dwarf G226-29. <i>Astrophysical Journal</i> , 1995, 447, 874.	4.5	35
61	The discovery of a new DAV star using IUE temperature determination. <i>Astrophysical Journal</i> , 1992, 390, L89.	4.5	35
62	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
63	Discovery of fourteen new ZZ Ceti stars with SOAR. <i>Astronomy and Astrophysics</i> , 2005, 442, 629-634.	5.1	33
64	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
65	Asteroseismology of ZZ Ceti stars with fully evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2017, 599, A21.	5.1	32
66	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2016, 588, A74.	5.1	32
67	Asteroseismology of RXJ2117+3412, the hottest pulsating PG1159 star. <i>Astronomy and Astrophysics</i> , 2002, 381, 122-150.	5.1	32
68	SDSS white dwarf mass distribution at low effective temperatures. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012006.	0.4	31
69	Discovery of five new massive pulsating white dwarf stars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 50-59.	4.4	31
70	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
71	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
72	NEW PULSATING DB WHITE DWARF STARS FROM THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 690, 560-565.	4.5	29

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73	Carbon-rich (DQ) white dwarfs in the Sloan Digital Sky Survey. <i>Astronomy and Astrophysics</i> , 2019, 628, A102.	5.1	28
74	IUE temperatures for white dwarf stars in and around the ZZ Ceti instability strip. <i>Astronomical Journal</i> , 1993, 105, 608.	4.7	28
75	MEASURING THE EVOLUTIONARY RATE OF COOLING OF ZZ Ceti. <i>Astrophysical Journal</i> , 2013, 771, 17.	4.5	27
76	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
77	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
78	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
79	The white dwarf mass-radius relation and its dependence on the hydrogen envelope.. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	25
80	The light curve of the ZZ Ceti star G226-29. <i>Astrophysical Journal</i> , 1983, 271, 744.	4.5	25
81	Analysis of cool DO-type white dwarfs from the Sloan Digital Sky Survey data release 10. <i>Astronomy and Astrophysics</i> , 2014, 572, A117.	5.1	24
82	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
83	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
84	The sdA problem - III. New extremely low-mass white dwarfs and their precursors from Gaia astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3831-3842.	4.4	24
85	Whole Earth Telescope observations of the pulsating hot white dwarf PG 1707+427. <i>Astronomy and Astrophysics</i> , 2004, 428, 969-981.	5.1	24
86	Analysis of IUE spectra of helium-rich white dwarf stars. <i>Astronomy and Astrophysics</i> , 2006, 450, 331-337.	5.1	24
87	Mapping the differential reddening in globular clusters.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 263-272.	4.4	23
88	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
89	Whole Earth Telescope Observations of the Pulsating Subdwarf B Star PG 0014+067. <i>Astrophysical Journal</i> , 2006, 646, 1230-1240.	4.5	22
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	The sdA problem – I. Physical properties. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2480-2495.	4.4	22
92	On the evolutionary status and pulsations of the recently discovered blue large-amplitude pulsators (BLAPs). Monthly Notices of the Royal Astronomical Society: Letters, 2018, 477, L30-L34.	3.3	22
93	High-speed photometric observations of the pulsating DA white dwarf GD 165. Astronomical Journal, 1993, 106, 1987.	4.7	21
94	Whole Earth Telescope observations of V471 Tauri - The nature of the white dwarf variations. Astrophysical Journal, 1992, 391, 773.	4.5	21
95	Observational limits on companions to G29-38. Astrophysical Journal, 1994, 436, 875.	4.5	21
96	The unusual helium variable AM Canum Venaticorum. Astrophysical Journal, 1995, 445, 927.	4.5	21
97	Whole Earth Telescope observations of the hot helium atmosphere pulsating white dwarf EC20058+5234. Monthly Notices of the Royal Astronomical Society, 2008, 387, 137-152.	4.4	20
98	Observations of the Pulsating White Dwarf G185+32. Astronomy and Astrophysics, 2004, 413, 623-634.	5.1	20
99	Probing the internal rotation of pre-white dwarf stars with asteroseismology: the case of PG 0122+200. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2519-2526.	4.4	19
100	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. Astronomy and Astrophysics, 2021, 645, A117.	5.1	19
101	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. Astrophysical Journal, 1994, 429, 369.	4.5	19
102	Lyman ϵ wing absorption in cool white dwarf stars. Monthly Notices of the Royal Astronomical Society, 2011, 411, 781-791.	4.4	18
103	PHOTOMETRIC VARIABILITY IN A WARM, STRONGLY MAGNETIC DQ WHITE DWARF, SDSS J103655.39+652252.2. Astrophysical Journal, 2013, 769, 123.	4.5	18
104	A study of cool white dwarfs in the Sloan Digital Sky Survey Data Release 12. Monthly Notices of the Royal Astronomical Society, 2019, 482, 649-657.	4.4	18
105	HST observations of the pulsating white dwarf GD358. Astronomy and Astrophysics, 2005, 432, 175-179.	5.1	18
106	Amplitude and frequency variability of the pulsating DB white dwarf stars KUV 05134+2605 and PG 1654+160 observed with the Whole Earth Telescope. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1031-1038.	4.4	17
107	Discovery of seven ZZ Ceti stars using a new photometric selection method. Astronomy and Astrophysics, 2006, 450, 1061-1070.	5.1	17
108	Gemini spectra of 12 000 K white dwarf stars. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1799-1803.	4.4	17

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109	Evidence of Thin Helium Envelopes in PG 1159 Stars. <i>Astrophysical Journal</i> , 2008, 677, L35-L38.	4.5	17
110	New developments of the ZZ Ceti instability strip: the discovery of 11 new variables... <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	17
111	Probing the Structure of Kepler ZZ Ceti Stars with Full Evolutionary Models-based Asteroseismology. <i>Astrophysical Journal</i> , 2017, 851, 60.	4.5	17
112	Phase transitions in neutron stars. <i>International Journal of Modern Physics E</i> , 2018, 27, 1830008.	1.0	17
113	Bt-Monocerotis - an Eclipsing Nova. <i>Astrophysical Journal</i> , 1982, 254, 646.	4.5	16
114	Revealing the pulsational properties of the V777 Herculis star KUV 05134+2605 by its long-term monitoring. <i>Astronomy and Astrophysics</i> , 2014, 570, A116.	5.1	15
115	The ZZ Ceti star GD 385 revisited. <i>Astrophysical Journal</i> , 1984, 278, 754.	4.5	15
116	Multichromatic colour-magnitude diagrams of the globular cluster NGC 6366... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 243-250.	4.4	14
117	Discovery of 74 new bright ZZ Ceti stars in the first three years of <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1574-1590.	4.4	14
118	The pulsations of PG 1351+489. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1220-1227.	4.4	13
119	Asteroseismology of ZZ Ceti stars with full evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2018, 613, A46.	5.1	13
120	Convection and rotation boosted prescription of magnetic braking: application to the formation of extremely low-mass white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3266-3281.	4.4	13
121	White dwarf and subdwarf stars in the Sloan Digital Sky Survey Data Release 16. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4646-4660.	4.4	13
122	Discovery of a new PG 1159 (GW Vir) pulsator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2278-2281.	4.4	12
123	Two new pulsating low-mass pre-white dwarfs or SX Phoenicis stars?. <i>Astronomy and Astrophysics</i> , 2016, 587, L5.	5.1	12
124	The Pulsating White Dwarf G117-B15A: Still the Most Stable Optical Clock Known. <i>Astrophysical Journal</i> , 2021, 906, 7.	4.5	12
125	The McDonald Observatory search for pulsating sdA stars. <i>Astronomy and Astrophysics</i> , 2018, 617, A6.	5.1	11
126	About the existence of warm H-rich pulsating white dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 633, A20.	5.1	11

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127	Whole Earth Telescope observations of the subdwarf B star KPDâ€f1930+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
128	SEISMOLOGY OF A MASSIVE PULSATING HYDROGEN ATMOSPHERE WHITE DWARF. <i>Astrophysical Journal</i> , 2012, 757, 177.	4.5	10
129	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
130	Probing mass segregation in the globular cluster NGCâ€f6397. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3105-3111.	4.4	10
131	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
132	A New ZZ Ceti White Dwarf Pulsator: G30â€f20. <i>Astrophysical Journal</i> , 2002, 580, 429-433.	4.5	10
133	On the systematics of asteroseismological mass determinations of PG 1159 stars. <i>Astronomy and Astrophysics</i> , 2008, 478, 175-180.	5.1	9
134	Magnetic white dwarfs: Observations, theory and future prospects. <i>International Journal of Modern Physics D</i> , 2016, 25, 1630005.	2.1	9
135	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2018, 620, A196.	5.1	9
136	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
137	Evidence of spectral evolution on the white dwarf sample from the <i>Gaia</i> mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5003-5010.	4.4	9
138	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. <i>Astronomy and Astrophysics</i> , 2021, 655, A27.	5.1	9
139	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
140	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
141	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
142	Extracting parameters from colourâ€f magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2500-2505.	4.4	7
143	Mysterious, variable, and extremely hot: White dwarfs showing ultra-high excitation lines. <i>Astronomy and Astrophysics</i> , 2021, 647, A184.	5.1	7
144	Whole Earth Telescope Observations of PG1346+082. , 1991, , 449-456.		7

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145	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. <i>Astronomy and Astrophysics</i> , 2022, 659, A30.	5.1	7
146	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1499-1512.	4.4	7
147	Whole Earth Telescope data analysis. <i>Open Astronomy</i> , 1993, 2, .	0.6	6
148	Direct measurement of the secular pulsational variation of the DOV star PG 1159-035. <i>Open Astronomy</i> , 1998, 7, .	0.6	6
149	WHITE DWARFS AS LABORATORIES. <i>International Journal of Modern Physics D</i> , 2004, 13, 1493-1508.	2.1	6
150	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
151	Watching ZZ Ceti evolve. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012074.	0.4	5
152	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
153	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
154	Comparing the asteroseismic properties of pulsating pre-extremely low mass white dwarf and α Centauri stars. <i>Astronomy and Astrophysics</i> , 2018, 616, A80.	5.1	5
155	White dwarf variability with gPhoton: pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4768-4780.	4.4	5
156	White Dwarf Stars. <i>International Journal of Modern Physics Conference Series</i> , 2017, 45, 1760023.	0.7	4
157	Are sdAs helium core stars?. <i>Open Astronomy</i> , 2017, 26, .	0.6	4
158	SDSS J124043.01+671034.68: the partially burned remnant of a low-mass white dwarf that underwent thermonuclear ignition?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4079-4086.	4.4	4
159	The Search for Planets Around Pulsating White Dwarf Stars. , 2003, , 337-338.		4
160	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
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