

L G Althaus

List of Publications by Year in descending order

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179
papers

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citations

71102

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179
docs citations

179
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	SDSS DR7 WHITE DWARF CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2013, 204, 5.	7.7	310
2	White dwarf mass distribution in the SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1315-1324.	4.4	270
3	Evolutionary and pulsational properties of white dwarf stars. <i>Astronomy and Astrophysics Review</i> , 2010, 18, 471-566.	25.5	266
4	NEW COOLING SEQUENCES FOR OLD WHITE DWARFS. <i>Astrophysical Journal</i> , 2010, 717, 183-195.	4.5	193
5	A white dwarf cooling age of 8%Gyr for NGC 6791 from physical separation processes. <i>Nature</i> , 2010, 465, 194-196.	27.8	191
6	New evolutionary sequences for extremely low-mass white dwarfs. <i>Astronomy and Astrophysics</i> , 2013, 557, A19.	5.1	186
7	The formation and evolution of hydrogen-deficient post-AGB white dwarfs: The emerging chemical profile and the expectations for the PG1159-DB-DQ evolutionary connection. <i>Astronomy and Astrophysics</i> , 2005, 435, 631-648.	5.1	168
8	Full evolution of low-mass white dwarfs with helium and oxygen cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 779-792.	4.4	131
9	Pulsating white dwarfs: new insights. <i>Astronomy and Astrophysics Review</i> , 2019, 27, 1.	25.5	129
10	DOUBLE DEGENERATE MERGERS AS PROGENITORS OF HIGH-FIELD MAGNETIC WHITE DWARFS. <i>Astrophysical Journal</i> , 2012, 749, 25.	4.5	115
11	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
12	Modeling He-rich subdwarfs through the hot-flasher scenario. <i>Astronomy and Astrophysics</i> , 2008, 491, 253-265.	5.1	105
13	Diffusion and the occurrence of hydrogen-shell flashes in helium white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 471-483.	4.4	93
14	Grids of white dwarf evolutionary models with masses from $M = 0.1$ to $1.2 M_{\odot}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 303, 30-38.	4.4	90
15	Full evolutionary models for PG1159 stars. Implications for the helium-rich O(He) stars. <i>Astronomy and Astrophysics</i> , 2006, 454, 845-854.	5.1	89
16	The age and colors of massive white dwarf stars. <i>Astronomy and Astrophysics</i> , 2007, 465, 249-255.	5.1	79
17	The evolution of ultra-massive white dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 625, A87.	5.1	79
18	Asteroseismic inferences on GW Virginis variable stars in the frame of new PG1159 evolutionary models. <i>Astronomy and Astrophysics</i> , 2006, 454, 863-881.	5.1	78

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19	New evolutionary models for massive ZZ Ceti stars. I. First results for their pulsational properties. <i>Astronomy and Astrophysics</i> , 2003, 404, 593-609.	5.1	76
20	The rate of cooling of the pulsating white dwarf star G117 ⁺ 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
21	The ages and colours of cool helium-core white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 607-616.	4.4	70
22	White dwarf evolutionary sequences for low-metallicity progenitors: The impact of third dredge-up. <i>Astronomy and Astrophysics</i> , 2015, 576, A9.	5.1	70
23	Evolution of Helium White Dwarfs of Low and Intermediate Masses. <i>Astrophysical Journal</i> , 1997, 477, 313-334.	4.5	68
24	Evolution and colours of helium-core white dwarf stars: the case of low-metallicity progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 337, 1091-1104.	4.4	68
25	New nonadiabatic pulsation computations on full PG ⁺ 1159 evolutionary models: the theoretical GW Virginis instability strip revisited. <i>Astronomy and Astrophysics</i> , 2006, 458, 259-267.	5.1	67
26	The potential of the variable DA white dwarf G117 ⁺ B15A as a tool for fundamental physics. <i>New Astronomy</i> , 2001, 6, 197-213.	1.8	66
27	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
28	Mass-radius relations for massive white dwarf stars. <i>Astronomy and Astrophysics</i> , 2005, 441, 689-694.	5.1	63
29	New evolutionary calculations for the born again scenario. <i>Astronomy and Astrophysics</i> , 2006, 449, 313-326.	5.1	63
30	NEW CHEMICAL PROFILES FOR THE ASTEROSEISMOLOGY OF ZZ CETI STARS. <i>Astrophysical Journal</i> , 2010, 717, 897-907.	4.5	61
31	Comparison of theoretical white dwarf cooling timescales. <i>Astronomy and Astrophysics</i> , 2013, 555, A96.	5.1	56
32	An upper limit to the secular variation of the gravitational constant from white dwarf stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	5.4	51
33	EVOLUTION OF WHITE DWARF STARS WITH HIGH-METALLICITY PROGENITORS: THE ROLE OF ²² Ne DIFFUSION. <i>Astrophysical Journal</i> , 2010, 719, 612-621.	4.5	50
34	Gravitational Settling of ²² Ne and White Dwarf Evolution. <i>Astrophysical Journal</i> , 2008, 677, 473-482.	4.5	49
35	Axions and the pulsation periods of variable white dwarfs revisited. <i>Astronomy and Astrophysics</i> , 2010, 512, A86.	5.1	47
36	ASTEROSEISMOLOGICAL STUDY OF MASSIVE ZZ CETI STARS WITH FULLY EVOLUTIONARY MODELS. <i>Astrophysical Journal</i> , 2013, 779, 58.	4.5	47

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37	An asteroseismic constraint on the mass of the axion from the period drift of the pulsating DA white dwarf star L19-2. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 036-036.	5.4	46
38	The pulsation modes of the pre-white dwarf PG 1159-035. <i>Astronomy and Astrophysics</i> , 2008, 477, 627-640.	5.1	46
39	THE EFFECT OF ^{22}Ne DIFFUSION IN THE EVOLUTION AND PULSATIONAL PROPERTIES OF WHITE DWARFS WITH SOLAR METALLICITY PROGENITORS. <i>Astrophysical Journal</i> , 2016, 823, 158.	4.5	45
40	NUCLEOSYNTHESIS DURING THE MERGER OF WHITE DWARFS AND THE ORIGIN OF R CORONAE BOREALIS STARS. <i>Astrophysical Journal Letters</i> , 2011, 737, L34.	8.3	43
41	A refined search for pulsations in white dwarf companions to millisecond pulsars... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1267-1272.	4.4	43
42	The impact of element diffusion on the formation and evolution of helium white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 324, 617-622.	4.4	39
43	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
44	Mass distribution of DA white dwarfs in the First Data Release of the Sloan Digital Sky Survey. <i>Astronomy and Astrophysics</i> , 2004, 419, L5-L8.	5.1	38
45	Improved synthetic spectra of helium-core white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 499-511.	4.4	37
46	Evolution and colors of helium-core white dwarf stars with high-metallicity progenitors. <i>Astronomy and Astrophysics</i> , 2009, 502, 207-216.	5.1	37
47	Thermohaline mixing and the photospheric composition of low-mass giant stars. <i>Astronomy and Astrophysics</i> , 2011, 533, A139.	5.1	37
48	Updated Evolutionary Sequences for Hydrogen-deficient White Dwarfs. <i>Astrophysical Journal</i> , 2017, 839, 11.	4.5	37
49	The explosion of supernova 2011fe in the frame of the core-degenerate scenario. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 437, L66-L70.	3.3	36
50	New phase diagrams for dense carbon-oxygen mixtures and white dwarf evolution. <i>Astronomy and Astrophysics</i> , 2012, 537, A33.	5.1	35
51	An independent constraint on the secular rate of variation of the gravitational constant from pulsating white dwarfs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 032-032.	5.4	35
52	The mode trapping properties of full DA white dwarf evolutionary models. <i>Astronomy and Astrophysics</i> , 2002, 387, 531-549.	5.1	35
53	Outer boundary conditions for evolving cool white dwarfs. <i>Astronomy and Astrophysics</i> , 2012, 546, A119.	5.1	34
54	The seismic properties of low-mass He-core white dwarf stars. <i>Astronomy and Astrophysics</i> , 2012, 547, A96.	5.1	32

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55	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2014, 569, A106.	5.1	32
56	Asteroseismology of ZZ Ceti stars with fully evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2017, 599, A21.	5.1	32
57	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2016, 588, A74.	5.1	32
58	The born-again (very late thermal pulse) scenario revisited: the mass of the remnants and implications for V4334 Sgr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 763-770.	4.4	31
59	Forever young white dwarfs: When stellar ageing stops. <i>Astronomy and Astrophysics</i> , 2021, 649, L7.	5.1	31
60	On the excitation of PG 1159-type pulsations. <i>Astronomy and Astrophysics</i> , 2005, 438, 1013-1020.	5.1	30
61	New evolutionary models for massive ZZ Ceti stars. <i>Astronomy and Astrophysics</i> , 2005, 429, 277-290.	5.1	30
62	Asteroseismological constraints on the pulsating planetary nebula nucleus (PG 1159-type) RX J2117.1+3412. <i>Astronomy and Astrophysics</i> , 2007, 461, 1095-1102.	5.1	30
63	Evolution of helium white dwarfs with hydrogen envelopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 293, 177-188.	4.4	28
64	Diffusion in helium white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 952-964.	4.4	28
65	ON THE CHALLENGING VARIABILITY OF LS IV-14 [°] 116: PULSATONAL INSTABILITIES EXCITED BY THE μ -MECHANISM. <i>Astrophysical Journal Letters</i> , 2011, 741, L3.	8.3	28
66	The formation of ultra-massive carbon-oxygen core white dwarfs and their evolutionary and pulsational properties. <i>Astronomy and Astrophysics</i> , 2021, 646, A30.	5.1	28
67	Asteroseismology of the Kepler V777 Herculis variable white dwarf with fully evolutionary models. <i>Astronomy and Astrophysics</i> , 2012, 541, A42.	5.1	28
68	White dwarf main-sequence binaries from Gaia EDR3: the unresolved 100 pc volume-limited sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5201-5211.	4.4	27
69	Asteroseismological constraints on the coolest GW Virginis variable star (PG 1159-type) PG 0122+200. <i>Astronomy and Astrophysics</i> , 2007, 475, 619-627.	5.1	26
70	The white dwarf population of NGC 6397. <i>Astronomy and Astrophysics</i> , 2015, 581, A90.	5.1	25
71	Orbital properties of an unusually low-mass sdB star in a close binary system with a white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1752-1761.	4.4	24
72	Pulsational instabilities driven by the α mechanism in hot pre-horizontal branch stars. <i>Astronomy and Astrophysics</i> , 2018, 614, A136.	5.1	24

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73	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2016, 585, A1.	5.1	24
74	Pulsations of massive ZZ Ceti stars with carbon/oxygen and oxygen/neon cores. <i>Astronomy and Astrophysics</i> , 2004, 427, 923-932.	5.1	24
75	The formation of DA white dwarfs with thin hydrogen envelopes. <i>Astronomy and Astrophysics</i> , 2005, 440, L1-L4.	5.1	24
76	Evolution of a 3-M \dot{A} star from the main sequence to the ZZ Ceti stage: the role played by element diffusion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 685-698.	4.4	23
77	On the recent parametric determination of an asteroseismological model for the DBV star KIC 08626021. <i>Astronomy and Astrophysics</i> , 2019, 630, A100.	5.1	23
78	ON THE POSSIBLE EXISTENCE OF SHORT-PERIOD <i>g</i> -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
79	Importance of fingering convection for accreting white dwarfs in the framework of full evolutionary calculations: the case of the hydrogen-rich white dwarfs GD 133 and G 29-38. <i>Astronomy and Astrophysics</i> , 2017, 601, A13.	5.1	22
80	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
81	TESS first look at evolved compact pulsators. <i>Astronomy and Astrophysics</i> , 2019, 632, A42.	5.1	22
82	A nonadiabatic oscillation study of DB white dwarfs. <i>Astronomy and Astrophysics</i> , 2002, 382, 141-151.	5.1	22
83	SHORT-PERIOD <i>g</i> -MODE PULSATIONS IN LOW-MASS WHITE DWARFS TRIGGERED BY H-SHELL BURNING. <i>Astrophysical Journal Letters</i> , 2014, 793, L17.	8.3	21
84	Evolution of white dwarfs as a probe of theories of gravitation: the case of Brans“Dicke. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 905-919.	4.4	20
85	New DA white dwarf evolutionary models and their pulsational properties. <i>Astronomy and Astrophysics</i> , 2001, 380, L17-L20.	5.1	20
86	Asteroseismology of hot pre-white dwarf stars: the case of the DOV stars PGℱ+066–and PG𡜇+427, and the PNNV star NGC 1501. <i>Astronomy and Astrophysics</i> , 2009, 499, 257-266.	5.1	20
87	The diffusion-induced nova scenario: CK Vul and PB8 as possible observational counterparts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1396-1408.	4.4	20
88	QUIESCENT NUCLEAR BURNING IN LOW-METALLICITY WHITE DWARFS. <i>Astrophysical Journal Letters</i> , 2013, 775, L22.	8.3	20
89	Fingering convection in red giants revisited. <i>Astronomy and Astrophysics</i> , 2014, 570, A58.	5.1	20
90	Lithium production in the merging of white dwarf stars. <i>Astronomy and Astrophysics</i> , 2012, 542, A117.	5.1	20

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91	The double-layered chemical structure in DB white dwarfs. <i>Astronomy and Astrophysics</i> , 2004, 417, 1115-1123.	5.1	20
92	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
93	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. <i>Astronomy and Astrophysics</i> , 2021, 645, A117.	5.1	19
94	Formation and Evolution of a 0.242M \dot{M} Helium White Dwarf in the Presence of Element Diffusion. <i>Astrophysical Journal</i> , 2001, 554, 1110-1117.	4.5	19
95	DB white dwarf evolution in the frame of the full spectrum turbulence theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 288, 1004-1014.	4.4	18
96	Time-dependent diffusion in pulsating white dwarf stars: asteroseismology of G117-B15A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 399-408.	4.4	18
97	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
98	Asteroseismology of hybrid $\hat{\tau}$ Scuti- $\hat{\tau}$ Doradus pulsating stars. <i>Astronomy and Astrophysics</i> , 2017, 597, A29.	5.1	18
99	Evidence of Thin Helium Envelopes in PG 1159 Stars. <i>Astrophysical Journal</i> , 2008, 677, L35-L38.	4.5	17
100	ON THE FORMATION OF HOT DQ WHITE DWARFS. <i>Astrophysical Journal</i> , 2009, 693, L23-L26.	4.5	17
101	The evolution of white dwarfs resulting from helium-enhanced, low-metallicity progenitor stars. <i>Astronomy and Astrophysics</i> , 2017, 597, A67.	5.1	17
102	Probing the Structure of Kepler ZZ Ceti Stars with Full Evolutionary Models-based Asteroseismology. <i>Astrophysical Journal</i> , 2017, 851, 60.	4.5	17
103	Pulsation properties of ultra-massive DA white dwarf stars with ONe cores. <i>Astronomy and Astrophysics</i> , 2019, 621, A100.	5.1	17
104	The white dwarf cooling sequence of 47 Tucanae. <i>Astronomy and Astrophysics</i> , 2014, 571, A56.	5.1	17
105	The impact of chemical differentiation of white dwarfs on thermonuclear supernovae. <i>Astronomy and Astrophysics</i> , 2011, 526, A26.	5.1	15
106	Calculation of the masses of the binary star HD 93205 by application of the theory of apsidal motion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 435-442.	4.4	14
107	The effects of element diffusion on the pulsational properties of variable DA white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 392-398.	4.4	14
108	The evolution of iron-core white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 531-539.	4.4	13

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109	On the robustness of H-deficient post-AGB tracks. <i>Astronomy and Astrophysics</i> , 2007, 470, 675-684.	5.1	13
110	The evolution of white dwarfs with a varying gravitational constant. <i>Astronomy and Astrophysics</i> , 2011, 527, A72.	5.1	13
111	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2017, 607, A33.	5.1	13
112	Asteroseismology of ZZ Ceti stars with full evolutionary white dwarf models. <i>Astronomy and Astrophysics</i> , 2018, 613, A46.	5.1	13
113	Asteroseismological analysis of the ultra-massive ZZ Ceti stars BPM 37093, GD 518, and SDSS J0840+5222. <i>Astronomy and Astrophysics</i> , 2019, 632, A119.	5.1	13
114	Can pulsating PG 1159 stars place constraints on the occurrence of core overshooting?. <i>Astronomy and Astrophysics</i> , 2005, 439, L31-L34.	5.1	13
115	Revisiting the theoretical DB (V777 Her) instability strip: The MLT theory of convection. <i>Journal of Physics: Conference Series</i> , 2009, 172, 012075.	0.4	12
116	Two new pulsating low-mass pre-white dwarfs or SX Phoenicis stars?. <i>Astronomy and Astrophysics</i> , 2016, 587, L5.	5.1	12
117	The coolest extremely low-mass white dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 614, A49.	5.1	12
118	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2017, 600, A73.	5.1	12
119	The Structure and Thermal Evolution of Strange Dwarf Stars. <i>Astrophysical Journal</i> , 1996, 462, 364.	4.5	12
120	Hot C-rich white dwarfs: testing the DB–DQ transition through pulsations. <i>Astronomy and Astrophysics</i> , 2009, 506, 835-843.	5.1	11
121	Discovery of near-ultraviolet counterparts to millisecond pulsars in the globular cluster 47 Tucanae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2708-2718.	4.4	11
122	Asteroseismic signatures of the helium core flash. <i>Nature Astronomy</i> , 2020, 4, 67-71.	10.1	11
123	About the existence of warm H-rich pulsating white dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 633, A20.	5.1	11
124	Slowly cooling white dwarfs in M13 from stable hydrogen burning. <i>Nature Astronomy</i> , 2021, 5, 1170-1177.	10.1	11
125	The evolution of ultra-massive carbon–oxygen white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5198-5206.	4.4	11
126	Evolution of DB white dwarfs in the Canuto and Mazzitelli theory of convection. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 278, 981-984.	4.4	10

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127	SEISMOLOGY OF A MASSIVE PULSATING HYDROGEN ATMOSPHERE WHITE DWARF. <i>Astrophysical Journal</i> , 2012, 757, 177.	4.5	10
128	The rate of period change in pulsating DB white dwarf stars. <i>Astronomy and Astrophysics</i> , 2004, 428, 159-170.	5.1	10
129	An evolutionary channel for CO-rich and pulsating He-rich subdwarfs. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 511, L60-L65.	3.3	10
130	On the systematics of asteroseismological mass determinations of PG 1159 stars. <i>Astronomy and Astrophysics</i> , 2008, 478, 175-180.	5.1	9
131	NSV 11749, AN ELDER SIBLING OF THE BORN-AGAIN STARS V605 Aql AND V4334 Sgr?. <i>Astrophysical Journal Letters</i> , 2011, 743, L33.	8.3	9
132	Is the central binary system of the planetary nebula Henize 2-428 a type Ia supernova progenitor?. <i>New Astronomy</i> , 2016, 45, 7-13.	1.8	9
133	Pulsating low-mass white dwarfs in the frame of new evolutionary sequences. <i>Astronomy and Astrophysics</i> , 2018, 620, A196.	5.1	9
134	Effects of ^{22}Ne sedimentation and metallicity on the local 40 pc white dwarf luminosity function. <i>Astronomy and Astrophysics</i> , 2019, 628, A52.	5.1	9
135	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. <i>Astronomy and Astrophysics</i> , 2021, 655, A27.	5.1	9
136	The white-dwarf cooling sequence of NGC 6791: a unique tool for stellar evolution. <i>Astronomy and Astrophysics</i> , 2011, 533, A31.	5.1	9
137	Revisiting the luminosity function of single halo white dwarfs. <i>Astronomy and Astrophysics</i> , 2015, 581, A108.	5.1	9
138	Evolutionary and pulsational properties of low-mass white dwarf stars with oxygen cores resulting from close binary evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 125-136.	4.4	8
139	Pulsations powered by hydrogen shell burning in white dwarfs. <i>Astronomy and Astrophysics</i> , 2016, 595, A45.	5.1	8
140	Asteroseismology of the GW Virginis stars SDSS J0349+0059 and VV 47. <i>Astronomy and Astrophysics</i> , 2016, 589, A40.	5.1	8
141	Pulsating hydrogen-deficient white dwarfs and pre-white dwarfs observed with TESS. <i>Astronomy and Astrophysics</i> , 2022, 659, A30.	5.1	7
142	The contribution of oxygen-neon white dwarfs to the MACHO content of the Galactic halo. <i>Astronomy and Astrophysics</i> , 2007, 471, 151-158.	5.1	6
143	<i>Gaia</i> DR2 white dwarfs in the Hercules stream. <i>Astronomy and Astrophysics</i> , 2019, 629, L6.	5.1	6
144	Diagnosing pulsar winds in black-widow, redback, and other binary millisecond pulsar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1579-1593.	4.4	6

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145	Luminosity evolution of strange dwarf stars. <i>Physical Review D</i> , 1996, 53, 635-638.	4.7	5
146	DQ white-dwarf stars with low C abundance: possible progenitors. <i>Astronomy and Astrophysics</i> , 2006, 451, 147-155.	5.1	5
147	IMPORTANCE OF TIDES FOR PERIASTRON PRECESSION IN ECCENTRIC NEUTRON STAR-WHITE DWARF BINARIES. <i>Astrophysical Journal</i> , 2014, 792, 138.	4.5	5
148	Comparing the asteroseismic properties of pulsating pre-extremely low mass white dwarf and $\langle i \rangle$ Scuti stars. <i>Astronomy and Astrophysics</i> , 2018, 616, A80.	5.1	5
149	Effect of Coulomb diffusion of ions on the pulsational properties of DA white dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 644, A55.	5.1	5
150	Low-mass, helium-enriched PG 1159 stars: a possible evolutionary origin and implications for their pulsational stability properties. <i>Astronomy and Astrophysics</i> , 2007, 467, 1175-1180.	5.1	5
151	On the origin of white dwarfs with carbon-dominated atmospheres: the case of H1504+65. <i>Astronomy and Astrophysics</i> , 2009, 494, 1021-1024.	5.1	5
152	On mode trapping in pulsating DA white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 480-486.	4.4	4
153	The pulsational properties of ultra-massive DB white dwarfs with carbon-oxygen cores coming from single-star evolution. <i>Astronomy and Astrophysics</i> , 2021, 646, A60.	5.1	4
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