

Boris Gaensicke

List of Publications by Year in descending order

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Version: 2024-02-01

506
papers

26,297
citations

11608

70
h-index

11030

137
g-index

513
all docs

513
docs citations

513
times ranked

10200
citing authors

#	ARTICLE	IF	CITATIONS
1	The search for living worlds and the connection to our cosmic origins. <i>Experimental Astronomy</i> , 2022, 54, 1275-1306.	1.6	1
2	J-PLUS: Spectral evolution of white dwarfs by PDF analysis. <i>Astronomy and Astrophysics</i> , 2022, 658, A79.	2.1	17
3	Constraining the evolution of cataclysmic variables via the masses and accretion rates of their underlying white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6110-6132.	1.6	43
4	Relentless and complex transits from a planetesimal debris disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1647-1666.	1.6	16
5	A white dwarf accreting planetary material determined from X-ray observations. <i>Nature</i> , 2022, 602, 219-222.	13.7	22
6	The white dwarf binary pathways survey â€“ VII. Evidence for a bi-modal distribution of post-mass transfer systems?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2625-2635.	1.6	8
7	The white dwarf binary pathways survey â€“ VI. Two close post-common envelope binaries with <i>TESS</i> light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1843-1856.	1.6	13
8	Spectral analysis of cool white dwarfs accreting from planetary systems: from the ultraviolet to the optical. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 71-82.	1.6	8
9	ASASâ€“J071404+7004.3â€“A close, bright nova-like cataclysmic variable with gusty winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3605-3621.	1.6	9
10	Magnetic dynamos in white dwarfs â€“ III. Explaining the occurrence of strong magnetic fields in close double white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3090-3103.	1.6	13
11	Discovery and analysis of three magnetic hot subdwarf stars: evidence for merger-induced magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 2496-2510.	1.6	7
12	The SNâ€“la runaway LPâ€“398-9: detection of circumstellar material and surface rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 6122-6133.	1.6	4
13	Circular polarimetry of suspect wind-accreting magnetic pre-polars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3858-3870.	1.6	4
14	NGTS and <i>HST</i> insights into the long-period modulation in GWâ€“Librae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 581-588.	1.6	3
15	Alkali metals in white dwarf atmospheres as tracers of ancient planetary crusts. <i>Nature Astronomy</i> , 2021, 5, 451-459.	4.2	28
16	Magnetic white dwarfs in post-common-envelope binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4305-4327.	1.6	20
17	Towards a volumetric census of close white dwarf binariesâ€“ I. Reference samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2420-2442.	1.6	22
18	BG Tri: an example of a low-inclination RW Sex-type nova-like. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1431-1441.	1.6	5

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19	Horizontal spreading of planetary debris accreted by white dwarfs. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1646-1667.	1.6	21
20	The origin and evolution of magnetic white dwarfs in close binary stars. Nature Astronomy, 2021, 5, 648-654.	4.2	52
21	Stellar flares detected with the Next Generation Transit Survey. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3246-3264.	1.6	21
22	White dwarfs with planetary remnants in the era of <i>Gaia</i> â€“ I. Six emission line systems. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2707-2726.	1.6	15
23	Population-based identification of H–excess sources in the <i>Gaia</i> DR2 and IPHAS catalogues. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1135-1152.	1.6	5
24	Constraining the solar neighbourhood age–metallicity relation from white dwarf–main sequence binaries. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3165-3176.	1.6	21
25	8.9 hr Rotation in the Partly Burnt Runaway Stellar Remnant LP 40-365 (GD 492). Astrophysical Journal Letters, 2021, 914, L3.	3.0	7
26	Magnetic dynamos in white dwarfs â€“ II. Relating magnetism and pollution. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 506, L29-L34.	1.2	15
27	Collisions in a gas-rich white dwarf planetary debris disc. Monthly Notices of the Royal Astronomical Society, 2021, 506, 432-440.	1.6	11
28	The Heating and Pulsations of V386 Serpentis after Its 2019 Dwarf Nova Outburst. Astrophysical Journal, 2021, 914, 40.	1.6	3
29	A catalogue of white dwarfs in <i>Gaia</i> EDR3. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3877-3896.	1.6	122
30	Discovery of a young pre-intermediate polar. Monthly Notices of the Royal Astronomical Society, 2021, 508, 561-574.	1.6	7
31	Velocity-imaging the rapidly precessing planetary disc around the white dwarf HE–1349–2305 using Doppler tomography. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5657-5670.	1.6	2
32	GD–424–Aa helium-atmosphere white dwarf with a large amount of trace hydrogen in the process of digesting a rocky planetesimal. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4276-4288.	1.6	14
33	A 99 minute Double-lined White Dwarf Binary from SDSS-V. Astrophysical Journal, 2021, 921, 160.	1.6	10
34	Are exoplanetesimals differentiated?. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2683-2697.	1.6	44
35	Single magnetic white dwarfs with Balmer emission lines: a small class with consistent physical characteristics as possible signposts for close-in planetary companions. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2564-2574.	1.6	17
36	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.	1.6	4

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37	WD1032+011, an inflated brown dwarf in an old eclipsing binary with a white dwarf. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3571-3580.	1.6	23
38	An eclipsing M-dwarf close to the hydrogen burning limit from NGTS. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3115-3124.	1.6	10
39	White dwarf pollution by hydrated planetary remnants: hydrogen and metals in WD J204713.76+125908.9. Monthly Notices of the Royal Astronomical Society, 2020, 499, 171-182.	1.6	28
40	Most EL CVn systems are inner binaries of hierarchical triples. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 499, L121-L125.	1.2	8
41	<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.	1.6	45
42	Gaia white dwarfs within 40 pc II: the volume-limited Northern hemisphere sample. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1890-1908.	1.6	73
43	An ultrahot Neptune in the Neptune desert. Nature Astronomy, 2020, 4, 1148-1157.	4.2	43
44	A Volume-limited Sample of Cataclysmic Variables from Gaia DR2: Space Density and Population Properties. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3799-3827.	1.6	99
45	V1460 Her: a fast spinning white dwarf accreting from an evolved donor star. Monthly Notices of the Royal Astronomical Society, 2020, 499, 149-160.	1.6	17
46	A white dwarf bound to the transiting planetary system WASP-98. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4416-4422.	1.6	5
47	The White Dwarf Binary Pathways Survey III. Contamination from hierarchical triples containing a white dwarf. Monthly Notices of the Royal Astronomical Society, 2020, 494, 915-922.	1.6	8
48	Spectroscopic and photometric periods of six ultracompact accreting binaries. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1243-1261.	1.6	18
49	When the discs away, the stars will play: dynamical masses in the nova-like variable KR Aur with a pinch of accretion. Monthly Notices of the Royal Astronomical Society, 2020, 494, 425-441.	1.6	11
50	An ultra-massive white dwarf with a mixed hydrogen-carbon atmosphere as a likely merger remnant. Nature Astronomy, 2020, 4, 663-669.	4.2	29
51	NGTS-10b: the shortest period hot Jupiter yet discovered. Monthly Notices of the Royal Astronomical Society, 2020, 493, 126-140.	1.6	18
52	Constraining planet formation around 8 M stars. Monthly Notices of the Royal Astronomical Society, 2020, 493, 765-775.	1.6	12
53	The frequency of gaseous debris discs around white dwarfs. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2127-2139.	1.6	42
54	Evidence for reduced magnetic braking in polars from binary population models. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5717-5731.	1.6	37

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55	Looks can be deceiving. <i>Astronomy and Astrophysics</i> , 2020, 636, A31.	2.1	44
56	IGAPS: the merged IPHAS and UVEX optical surveys of the northern Galactic plane. <i>Astronomy and Astrophysics</i> , 2020, 638, A18.	2.1	24
57	WD 1856Ab: a close giant planet around a white dwarf that could have survived a common envelope phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 676-682.	1.6	28
58	The White Dwarf Binary Pathways Survey – IV. Three close white dwarf binaries with G-type secondary stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1677-1689.	1.6	23
59	A White Dwarf with Transiting Circumstellar Material Far outside the Roche Limit. <i>Astrophysical Journal</i> , 2020, 897, 171.	1.6	68
60	The White Dwarf Binary Pathways Survey. V. The Gaia White Dwarf Plus AFGK Binary Sample and the Identification of 23 Close Binaries. <i>Astrophysical Journal</i> , 2020, 905, 38.	1.6	12
61	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. <i>Astrophysical Journal</i> , 2020, 905, 32.	1.6	62
62	Five New Post-main-sequence Debris Disks with Gaseous Emission. <i>Astrophysical Journal</i> , 2020, 905, 5.	1.6	24
63	Optical Detection of the 1.1 day Variability at the White Dwarf GD 394 with TESS. <i>Astrophysical Journal Letters</i> , 2020, 897, L31.	3.0	6
64	Preliminary Target Selection for the DESI Milky Way Survey (MWS). <i>Research Notes of the AAS</i> , 2020, 4, 188.	0.3	38
65	A 9-h CV with one outburst in 4 Åyr of Kepler data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1023-1036.	1.6	15
66	Partly burnt runaway stellar remnants from peculiar thermonuclear supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1489-1508.	1.6	38
67	NGTS-7Ab: an ultrashort-period brown dwarf transiting a tidally locked and active M dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5146-5164.	1.6	35
68	Interpretation and diversity of exoplanetary material orbiting white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 202-218.	1.6	51
69	A Gaia Data Release 2 catalogue of white dwarfs and a comparison with SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4570-4591.	1.6	287
70	The unbiased frequency of planetary signatures around single and binary white dwarfs using Spitzer and Hubble. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 133-146.	1.6	62
71	NGTS-4b: A sub-Neptune transiting in the desert. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5094-5103.	1.6	47
72	Multiwavelength observations of the EUV variable metal-rich white dwarf GD 394. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2941-2957.	1.6	10

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73	Orbital relaxation and excitation of planets tidally interacting with white dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3831-3848.	1.6	21
74	The evolutionary status of Cataclysmic Variables: eclipse modelling of 15 systems. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5535-5551.	1.6	43
75	Overview of the DESI Legacy Imaging Surveys. Astronomical Journal, 2019, 157, 168.	1.9	825
76	Evidence for bimodal orbital separations of white dwarf-red dwarf binary stars. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5362-5376.	1.6	5
77	A planetesimal orbiting within the debris disc around a white dwarf star. Science, 2019, 364, 66-69.	6.0	131
78	Evidence for mass accretion driven by spiral shocks onto the white dwarf in SDSS J123813.73+033933.0. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1080-1103.	1.6	17
79	NGTS-5b: a highly inflated planet offering insights into the sub-Jovian desert. Astronomy and Astrophysics, 2019, 625, A142.	2.1	12
80	Cold Giant Planets Evaporated by Hot White Dwarfs. Astrophysical Journal Letters, 2019, 887, L4.	3.0	27
81	Accretion of a giant planet onto a white dwarf star. Nature, 2019, 576, 61-64.	13.7	113
82	Discovery of the first resolved triple white dwarf. Monthly Notices of the Royal Astronomical Society, 2019, 483, 901-907.	1.6	14
83	Core crystallization and pile-up in the cooling sequence of evolving white dwarfs. Nature, 2019, 565, 202-205.	13.7	97
84	Magnetism, X-rays and accretion rates in WD 1145+017 and other polluted white dwarf systems. Monthly Notices of the Royal Astronomical Society, 2018, 474, 947-960.	1.6	51
85	NGTS-1b: a hot Jupiter transiting an M-dwarf. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4467-4475.	1.6	91
86	The Next Generation Transit Survey (NGTS). Monthly Notices of the Royal Astronomical Society, 2018, 475, 4476-4493.	1.6	189
87	Cool DZ white dwarfs II: compositions and evolution of old remnant planetary systems. Monthly Notices of the Royal Astronomical Society, 2018, 477, 93-111.	1.6	104
88	Evidence for Eccentric, Precessing Gaseous Debris in the Circumstellar Absorption toward WD 1145+017. Astrophysical Journal Letters, 2018, 852, L22.	3.0	35
89	Can magnetic fields suppress convection in the atmosphere of cool white dwarfs? A case study on WD 2105+820. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3693-3699.	1.6	27
90	The cataclysmic variable QZ Lib: a period bouncer. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2523-2535.	1.6	22

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91	The Gaia/IPHAS and Gaia/KIS value-added catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3357-3369.	1.6	9
92	280 one-opposition near-Earth asteroids recovered by the EURONEAR with the <i>Isaac Newton Telescope</i> . <i>Astronomy and Astrophysics</i> , 2018, 609, A105.	2.1	10
93	Broadening of Ly α by neutral helium in DBA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4323-4331.	1.6	6
94	Unstable low-mass planetary systems as drivers of white dwarf pollution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3939-3955.	1.6	86
95	Infrared Variability of Two Dusty White Dwarfs. <i>Astrophysical Journal</i> , 2018, 866, 108.	1.6	35
96	Dust production and depletion in evolved planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2601-2611.	1.6	35
97	Effects of non-Kozai mutual inclinations on two-planet system stability through all phases of stellar evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2180-2188.	1.6	21
98	Anatomy of the hyper-runaway star LP 40-365 with <i>Gaia</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L96-L101.	1.2	29
99	Further Insight on the Hypervelocity White Dwarf, LP 40-365 (GD 492): A Nearby Emissary from a Single-degenerate Type Ia Supernova. <i>Astrophysical Journal</i> , 2018, 858, 3.	1.6	25
100	Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 865, 15.	1.6	145
101	NGTS-2b: an inflated hot-Jupiter transiting a bright F-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4960-4970.	1.6	16
102	The scatter of the M dwarf mass-radius relationship. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1083-1096.	1.6	68
103	Fast spectrophotometry of WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 703-714.	1.6	22
104	The Gaia 20 pc white dwarf sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3942-3961.	1.6	94
105	Unmasking the hidden NGTS-3Ab: a hot Jupiter in an unresolved binary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4720-4737.	1.6	18
106	VLA radio observations of AR Scorpii. <i>Astronomy and Astrophysics</i> , 2018, 611, A66.	2.1	15
107	Polarimetric Evidence of the First White Dwarf Pulsar: The Binary System AR Scorpii. <i>Galaxies</i> , 2018, 6, 14.	1.1	1
108	Periodic optical variability and debris accretion in white dwarfs: a test for a causal connection*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 933-942.	1.6	9

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109	Ground-based detection of G star superflares with NGTS. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4655-4664.	1.6	22
110	The science case for POLLUX, a high-resolution UV spectropolarimeter onboard LUVUOIR. , 2018, , .		11
111	Testing the models of CV evolution. , 2018, , .		0
112	Polarimetric evidence of a white dwarf pulsar in the binary system AR Scorpii. Nature Astronomy, 2017, 1, .	4.2	55
113	A circumbinary debris disk in a polluted white dwarf system. Nature Astronomy, 2017, 1, .	4.2	34
114	Spectroscopic Evolution of Disintegrating Planetesimals: MinuteÂto MonthÂVariability in the Circumstellar Gas Associated with WD 1145+017. Astrophysical Journal, 2017, 839, 42.	1.6	39
115	Evidence from K2 for Rapid Rotation in the Descendant of an Intermediate-mass Star. Astrophysical Journal Letters, 2017, 841, L2.	3.0	24
116	The binarity of the local white dwarf population. Astronomy and Astrophysics, 2017, 602, A16.	2.1	114
117	Orbital periods and component masses of three double white dwarfs. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1575-1581.	1.6	16
118	Binary star influence on post-main-sequence multi-planet stability. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2053-2059.	1.6	22
119	White Dwarf Rotation as a Function of Mass and a Dichotomy of Mode Line Widths: <i>Kepler</i> Observations of 27 Pulsating DA White Dwarfs through <i>K2</i> Campaign 8. Astrophysical Journal, Supplement Series, 2017, 232, 23.	3.0	128
120	Hubble Space Telescope Ultraviolet Light Curves Reveal Interesting Properties of CC Sculptoris and RZ Leonis. Astronomical Journal, 2017, 153, 123.	1.9	7
121	The white dwarf binary pathways survey â€“ II. Radial velocities of 1453 FGK stars with white dwarf companions from LAMOST DRâ€%4. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4193-4203.	1.6	30
122	Distances of cataclysmic variables and related objects derived from<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 604, A107.	2.1	20
123	A catalogue of white dwarf candidates in VST ATLAS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 621-629.	1.6	12
124	Deposition of steeply infalling debris around white dwarf stars. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1575-1593.	1.6	67
125	Two white dwarfs in ultrashort binaries with detached, eclipsing, likely sub-stellar companions detected by K2. Monthly Notices of the Royal Astronomical Society, 2017, 471, 976-986.	1.6	35
126	The fate of exomoons in white dwarf planetary systems. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2557-2564.	1.6	65

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127	The unstable fate of the planet orbiting the A star in the HD 131399 triple stellar system. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1499-1504.	1.6	30
128	Explaining the variability of WD 1145+017 with simulations of asteroid tidal disruption. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1008-1022.	1.6	77
129	NSV 1907 - A new eclipsing, nova-like cataclysmic variable. New Astronomy, 2017, 50, 30-36.	0.8	2
130	Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2855-2878.	1.6	69
131	Testing the white dwarf mass-radius relationship with eclipsing binaries. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4473-4492.	1.6	68
132	Trace hydrogen in helium atmosphere white dwarfs as a possible signature of water accretion. Monthly Notices of the Royal Astronomical Society, 2017, 468, 971-980.	1.6	49
133	Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence? [*] . Astronomical Journal, 2017, 154, 48.	1.9	0
134	The <i>Gaia</i> DR1 mass-radius relation for white dwarfs. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2849-2861.	1.6	41
135	Multiband photometry and spectroscopy of an all-sky sample of bright white dwarfs. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4173-4192.	1.6	20
136	Chemistry of the oldest white dwarf planetary systems. Proceedings of the International Astronomical Union, 2017, 13, 202-209.	0.0	0
137	Mass and eccentricity constraints on the planetary debris orbiting the white dwarf WD 1145+017. Monthly Notices of the Royal Astronomical Society, 2017, 464, 321-328.	1.6	51
138	Using large spectroscopic surveys to test the double degenerate model for Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2910-2922.	1.6	21
139	When flux standards go wild: white dwarfs in the age of Kepler. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1946-1952.	1.6	26
140	The population of hot subdwarf stars studied with <i>Gaia</i> . Astronomy and Astrophysics, 2017, 600, A50.	2.1	56
141	Meet the family - the catalog of known hot subdwarf stars. Open Astronomy, 2017, 26, 164-168.	0.2	15
142	White dwarfs in the Gaia era. Proceedings of the International Astronomical Union, 2017, 12, 317-320.	0.0	0
143	The catalogue of radial velocity variable hot subluminescent stars from the MUCHFUSS project (Corrigendum). Astronomy and Astrophysics, 2017, 602, C2.	2.1	6
144	SDSS J105754.25+275947.5: a period-bounce eclipsing cataclysmic variable with the lowest-mass donor yet measured. Monthly Notices of the Royal Astronomical Society, 2017, 467, 1024-1032.	1.6	21

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145	A large HST program: effective temperatures of cataclysmic variable white dwarfs. , 2017, , .		0
146	SPECTROSCOPY FROM THE HUBBLE SPACE TELESCOPE COSMIC ORIGINS SPECTROGRAPHÂ OF THE SOUTHERN NOVA-LIKE BB DORADUS IN AN INTERMEDIATE STATE. Astrophysical Journal, 2016, 833, 146.	1.6	4
147	Solar abundances of rock-forming elements, extreme oxygen and hydrogen in a young polluted white dwarf. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3186-3192.	1.6	57
148	New Gapless COS G140L Mode Proposed for Background-limited Far-UV Observations. Publications of the Astronomical Society of the Pacific, 2016, 128, 105006.	1.0	3
149	GW LIBRAE: STILL HOT EIGHT YEARS POST-OUTBURST. Astronomical Journal, 2016, 152, 48.	1.9	9
150	Dynamical mass and multiplicity constraints on co-orbital bodies around stars. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1413-1420.	1.6	39
151	OUTBURSTS IN TWO NEW COOL PULSATING DA WHITE DWARFS. Astrophysical Journal, 2016, 829, 82.	1.6	21
152	Reflections on the discovery space for a large ultraviolet-visible telescope: inputs from the European-led EUVO exercise. Journal of Astronomical Telescopes, Instruments, and Systems, 2016, 2, 041215.	1.0	0
153	An odd one out. Science, 2016, 352, 37-37.	6.0	0
154	An irradiated brown-dwarf companion to an accreting white dwarf. Nature, 2016, 533, 366-368.	13.7	36
155	Detached cataclysmic variables are crossing the orbital period gap. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3867-3877.	1.6	39
156	The field white dwarf mass distribution. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2100-2114.	1.6	99
157	The ageâ€metallicity relation in the solar neighbourhood from a pilot sample of white dwarfâ€main sequence binaries. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1137-1143.	1.6	26
158	The white dwarf binary pathways survey â€ I. A sample of FGK stars with white dwarf companions. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2125-2136.	1.6	35
159	A radio-pulsing white dwarf binary star. Nature, 2016, 537, 374-377.	13.7	117
160	CONSTRAINING THE ANGULAR MOMENTUM EVOLUTION OF V455 ANDROMEDAE. Astrophysical Journal, 2016, 821, 14.	1.6	5
161	HIGH-SPEED PHOTOMETRY OF THE DISINTEGRATING PLANETESIMALS AT WD1145+017: EVIDENCE FOR RAPID DYNAMICAL EVOLUTION. Astrophysical Journal Letters, 2016, 818, L7.	3.0	107
162	Another one grinds the dust: variability of the planetary debris disc at the white dwarf SDSSÂJ104341.53+085558.2. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1461-1469.	1.6	55

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