

V S Dhillon

List of Publications by Year in descending order

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Version: 2024-02-01

318
papers

12,878
citations

38660

50
h-index

38300

95
g-index

322
all docs

322
docs citations

322
times ranked

8233
citing authors

#	ARTICLE	IF	CITATIONS
1	The Solar Activity Monitor Network “SAMNet. Journal of Space Weather and Space Climate, 2022, 12, 2.	1.1	16
2	Discovery and characterization of five new eclipsing AM CVn systems. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5440-5461.	1.6	22
3	Relentless and complex transits from a planetesimal debris disc. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1647-1666.	1.6	16
4	The Gravitational-wave Optical Transient Observer (GOTO): prototype performance and prospects for transient science. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2405-2422.	1.6	18
5	Measuring the mass of the black widow PSR J1555-2908. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3001-3014.	1.6	16
6	The post-common-envelope binary central star of the planetary nebula Ou 5: a doubly eclipsing post-red-giant-branch system. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3102-3110.	1.6	8
7	Searching for nova shells around cataclysmic variables “ II. A second campaign. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4180-4190.	1.6	3
8	Characterizing eclipsing white dwarf M dwarf binaries from multiband eclipse photometry. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3050-3064.	1.6	6
9	The SN “ Ia runaway LP “ 398-9: detection of circumstellar material and surface rotation. Monthly Notices of the Royal Astronomical Society, 2022, 512, 6122-6133.	1.6	4
10	Probing for the host galaxies of the fast X-ray transients XRT 000519 and XRT 110103. Monthly Notices of the Royal Astronomical Society, 2022, 514, 302-312.	1.6	6
11	A 62-minute orbital period black widow binary in a wide hierarchical triple. Nature, 2022, 605, 41-45.	13.7	13
12	A Tentative 114 minute Orbital Period Challenges the Ultracompact Nature of the X-Ray Binary 4U 1812 “ 12. Astrophysical Journal Letters, 2022, 931, L9.	3.0	1
13	Processing GOTO survey data with the Rubin Observatory LSST Science Pipelines II: Forced Photometry and lightcurves. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	1
14	Evidence that short-period AM CVn systems are diverse in outburst behaviour. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4953-4962.	1.6	11
15	Measuring fundamental jet properties with multiwavelength fast timing of the black hole X-ray binary MAXI J1820+070. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3862-3883.	1.6	31
16	Transient-optimized real-bogus classification with Bayesian convolutional neural networks “ sifting the GOTO candidate stream. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4838-4854.	1.6	19
17	The evolution of rapid optical/X-ray timing correlations in the initial hard state of MAXI “ J1820+070. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3452-3469.	1.6	13
18	Light-curve classification with recurrent neural networks for GOTO: dealing with imbalanced data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4345-4361.	1.6	17

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19	Optical photometry of two transitional millisecond pulsars in the radio pulsar state. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2174-2191.	1.6	8
20	HiPERCAM: a quintuple-beam, high-speed optical imager on the 10.4-m Gran Telescopio Canarias. Monthly Notices of the Royal Astronomical Society, 2021, 507, 350-366.	1.6	30
21	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 652, A76.	2.1	54
22	Searching for <i>Fermi</i> GRB optical counterparts with the prototype Gravitational-wave Optical Transient Observer (GOTO). Monthly Notices of the Royal Astronomical Society, 2021, 507, 5463-5476.	1.6	3
23	Optical detection of the rapidly spinning white dwarf in V1460 Her. Monthly Notices of the Royal Astronomical Society, 2021, 507, 6132-6139.	1.6	3
24	Processing GOTO data with the Rubin Observatory LSST Science Pipelines I: Production of coadded frames. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	1
25	Einstein@Home discovery of the gamma-ray millisecond pulsar PSR J2039â€“5617 confirms its predicted redback nature. Monthly Notices of the Royal Astronomical Society, 2021, 502, 915-934.	1.6	35
26	A quantitative in-depth analysis of the prototype sdB+BD system SDSSâ€“%J08205+0008 revisited in the <i>Gaia</i> era. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3847-3870.	1.6	24
27	System parameters of three short-period cataclysmic variable stars. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5086-5101.	1.6	3
28	The return of the spin period in DW Cnc and evidence of new high state outbursts. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1002-1009.	1.6	5
29	Searching for electromagnetic counterparts to gravitational-wave merger events with the prototype Gravitational-Wave Optical Transient Observer (GOTO-4). Monthly Notices of the Royal Astronomical Society, 2020, 497, 726-738.	1.6	68
30	Machine learning for transient recognition in difference imaging with minimum sampling effort. Monthly Notices of the Royal Astronomical Society, 2020, 499, 6009-6017.	1.6	9
31	First measurement of the total gravitational quadrupole moment of a black widow companion. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4448-4453.	1.6	2
32	WD1032Â+Â011, 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
33	Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye. Astronomy and Astrophysics, 2020, 633, A98.	2.1	19
34	Optical, X-ray, and $\hat{3}$ -ray observations of the candidate transitional millisecond pulsar 4FGL J0427.8-6704. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3912-3926.	1.6	16
35	The First Ultracompact Roche Lobeâ€“Filling Hot Subdwarf Binary. Astrophysical Journal, 2020, 891, 45.	1.6	47
36	A pulsating white dwarf in an eclipsing binary. Nature Astronomy, 2020, 4, 690-696.	4.2	18

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37	Spectroscopic and photometric periods of six ultracompact accreting binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1243-1261.	1.6	18
38	An ultra-massive white dwarf with a mixed hydrogen-carbon atmosphere as a likely merger remnant. <i>Nature Astronomy</i> , 2020, 4, 663-669.	4.2	29
39	Fast quasi-periodic oscillations in the eclipsing polar VV Puppis from VLT and XMM-Newton observations. <i>Astronomy and Astrophysics</i> , 2020, 633, A145.	2.1	2
40	Observational constraints on the optical and near-infrared emission from the neutron star-black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020, 643, A113.	2.1	70
41	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
42	A New Class of Roche Lobe-filling Hot Subdwarf Binaries. <i>Astrophysical Journal Letters</i> , 2020, 898, L25.	3.0	33
43	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	3.0	42
44	Short-period Variable Stars in Young Open Cluster Stock 8. <i>Astronomical Journal</i> , 2019, 158, 68.	1.9	7
45	Puzzling blue dips in the black hole candidate Swift J1357.2-0933, from ULTRACAM, SALT, ATCA, Swift, and NuSTAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 512-524.	1.6	9
46	A black hole X-ray binary at ~ 100 Hz: multiwavelength timing of MAXI J1820+070 with HiPERCAM and NICER. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 490, L62-L66.	1.2	27
47	Detection and Timing of Gamma-Ray Pulsations from the 707 Hz Pulsar J0952+0607. <i>Astrophysical Journal</i> , 2019, 883, 42.	1.6	22
48	Atmospheric scintillation noise in ground-based exoplanet photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5098-5108.	1.6	6
49	The Type II-plateau Supernova 2017eaw in NGC 6946 and Its Red Supergiant Progenitor. <i>Astrophysical Journal</i> , 2019, 875, 136.	1.6	51
50	Optical and X-ray correlations during the 2015 outburst of the black hole V404 Cyg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 60-78.	1.6	10
51	The evolutionary status of Cataclysmic Variables: eclipse modelling of 15 systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5535-5551.	1.6	43
52	Accurate mass and radius determinations of a cool subdwarf in an eclipsing binary. <i>Nature Astronomy</i> , 2019, 3, 553-560.	4.2	14
53	The PDS 110 observing campaign - photometric and spectroscopic observations reveal eclipses are aperiodic. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1614-1625.	1.6	7
54	Evidence for mass accretion driven by spiral shocks onto the white dwarf in SDSS J123813.73+033933.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1080-1103.	1.6	17

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55	Thai national telescope studies of ultraluminous X-ray sources. <i>Journal of Physics: Conference Series</i> , 2019, 1380, 012089.	0.3	0
56	Circumbinary planet study around NSVS 14256825. <i>Journal of Physics: Conference Series</i> , 2019, 1380, 012095.	0.3	0
57	Lower atmosphere and pressure evolution on Pluto from ground-based stellar occultations, 1988–2016. <i>Astronomy and Astrophysics</i> , 2019, 625, A42.	2.1	29
58	The SURvey for Pulsars and Extragalactic Radio Bursts – II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1427-1446.	1.6	156
59	Spectroscopic and Photometric Analysis of the HW Vir Star PTF1 J011339.09+225739.1. <i>Open Astronomy</i> , 2018, 27, 80-90.	0.2	5
60	280 one-opposition near-Earth asteroids recovered by the EURONEAR with the Isaac Newton Telescope. <i>Astronomy and Astrophysics</i> , 2018, 609, A105.	2.1	10
61	Detection of a 23.6 min periodic modulation in the optical counterpart of 3XMMJ051034.6–670353. <i>Astronomy and Astrophysics</i> , 2018, 617, A88.	2.1	2
62	A Large Ground-based Observing Campaign of the Disintegrating Planet K2-22b. <i>Astronomical Journal</i> , 2018, 156, 227.	1.9	7
63	Pulsations and eclipse-time analysis of HW Vir. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2721-2735.	1.6	18
64	Fourier time lags in the dwarf nova SS Cygni. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2140-2147.	1.6	6
65	High-speed photometry of Gaia14aae: an eclipsing AM CVn that challenges formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1663-1679.	1.6	28
66	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
67	Discovery of an old nova shell surrounding the cataclysmic variable V1315 Aql. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4483-4490.	1.6	9
68	The sdB pulsating star V391 Peg and its putative giant planet revisited after 13 years of time-series photometric data. <i>Astronomy and Astrophysics</i> , 2018, 611, A85.	2.1	11
69	Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 480, L131-L135.	1.2	21
70	Flickering in AGB stars: probing the nature of accreting companions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4200-4212.	1.6	4
71	First light with HiPERCAM on the GTC. , 2018, , .		13
72	Configuration of readout electronics and data acquisition for the HiPERCAM instrument. , 2018, , .		1

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73	An elevation of 0.1 light-seconds for the optical jet base in an accreting Galactic black hole system. <i>Nature Astronomy</i> , 2017, 1, 859-864.	4.2	59
74	A VLT-ULTRACAM study of the fast optical quasi-periodic oscillations in the polar V834 Centauri. <i>Astronomy and Astrophysics</i> , 2017, 600, A53.	2.1	10
75	A precise measurement of the magnetic field in the corona of the black hole binary V404 Cygni. <i>Science</i> , 2017, 358, 1299-1302.	6.0	29
76	Two white dwarfs in ultrashort binaries with detached, eclipsing, likely sub-stellar companions detected by K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 976-986.	1.6	35
77	Using Gaussian processes to model light curves in the presence of flickering: the eclipsing cataclysmic variable ASASSN-14ag. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1353-1364.	1.6	18
78	Testing the white dwarf mass-radius relationship with eclipsing binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4473-4492.	1.6	68
79	Once in a blue moon: detection of 'bluing' during debris transits in the white dwarf WD 1145+017. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3213-3224.	1.6	39
80	A search for optical bursts from the repeating fast radio burst FRB 121102. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2800-2807.	1.6	74
81	PTF1 J082340.04+081936.5: A Hot Subdwarf B Star with a Low-mass White Dwarf Companion in an 87-minute Orbit. <i>Astrophysical Journal</i> , 2017, 835, 131.	1.6	28
82	Evidence of asymmetries in the Aldebaran photosphere from multiwavelength lunar occultations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 231-236.	1.6	13
83	The OmegaWhite Survey for Short-period Variable Stars. V. Discovery of an Ultracompact Hot Subdwarf Binary with a Compact Companion in a 44-minute Orbit. <i>Astrophysical Journal</i> , 2017, 851, 28.	1.6	21
84	Hunting for eclipses: high-speed observations of cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4968-4984.	1.6	24
85	SDSS J105754.25+275947.5: a period-bounce eclipsing cataclysmic variable with the lowest-mass donor yet measured. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 1024-1032.	1.6	21
86	PTF1 J085713+331843, a new post-common-envelope binary in the orbital period gap of cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3109-3122.	1.6	2
87	SS Cancri: the shortest modulation-period Blazhko RR Lyrae. <i>Information Bulletin on Variable Stars</i> , 2017, , .	0.2	0
88	M DWARF FLARE CONTINUUM VARIATIONS ON ONE-SECOND TIMESCALES: CALIBRATING AND MODELING OF ULTRACAM FLARE COLOR INDICES*. <i>Astrophysical Journal</i> , 2016, 820, 95.	1.6	45
89	Transmission spectroscopy of the inflated exoplanet WASP-52b, and evidence for a bright region on the stellar surface. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2922-2931.	1.6	44
90	Pulsating hot O subdwarfs in Centauri: mapping a unique instability strip on the extreme horizontal branch. <i>Astronomy and Astrophysics</i> , 2016, 589, A1.	2.1	16

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91	An irradiated brown-dwarf companion to an accreting white dwarf. <i>Nature</i> , 2016, 533, 366-368.	13.7	36
92	Transit timing variation and transmission spectroscopy analyses of the hot Neptune GJ3470b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2574-2582.	1.6	50
93	Long-term eclipse timing of white dwarf binaries: an observational hint of a magnetic mechanism at work. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3873-3887.	1.6	41
94	Search for transiting exoplanets and variable stars in the open cluster NGC 7243. <i>Astronomische Nachrichten</i> , 2016, 337, 261-285.	0.6	26
95	A radio-pulsing white dwarf binary star. <i>Nature</i> , 2016, 537, 374-377.	13.7	117
96	Long-term photometry of ICÂ348 with the Young Exoplanet Transit Initiative network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2396-2417.	1.6	32
97	HIGH-SPEED PHOTOMETRY OF THE DISINTEGRATING PLANETESIMALS AT WD1145+017: EVIDENCE FOR RAPID DYNAMICAL EVOLUTION. <i>Astrophysical Journal Letters</i> , 2016, 818, L7.	3.0	107
98	The OmegaWhite Survey for short period variable stars â€“ II. An overview of results from the first four years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1099-1116.	1.6	15
99	Broad-band spectrophotometry of HAT-P-32Âb: search for a scattering signature in the planetary spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 604-614.	1.6	43
100	A large, long-lived structure near the trojan L5 point in the post common-envelope binary SDSS J1021+1744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2446-2456.	1.6	8
101	Roche tomography of cataclysmic variables â€“ VII. The long-term magnetic activity of AE Aqr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1858-1874.	1.6	7
102	LUNAR OCCULTATIONS OF 18 STELLAR SOURCES FROM THE 2.4 m THAI NATIONAL TELESCOPE. <i>Astronomical Journal</i> , 2016, 151, 10.	1.9	8
103	The crowded magnetosphere of the post-common-envelope binary QSÂVirginis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2793-2812.	1.6	27
104	Furiously fast and red: sub-second optical flaring in V404ÂCyg during the 2015 outburst peak. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 554-572.	1.6	52
105	HiPERCAM: a high-speed quintuple-beam CCD camera for the study of rapid variability in the universe. <i>Proceedings of SPIE</i> , 2016, , .	0.8	17
106	<i>pt5m</i>â€“ a 0.5Âm robotic telescope on La Palma. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 4316-4325.	1.6	43
107	The binary millisecond pulsar PSRÂJ1023+0038 during its accretion state â€“ I. Optical variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3462-3474.	1.6	35
108	Broad-band spectrophotometry of the hot Jupiter HAT-P-12b from the near-UV to the near-IR. <i>Astronomy and Astrophysics</i> , 2015, 583, A138.	2.1	44

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109	Atmospheric scintillation in astronomical photometry. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1707-1716.	1.6	81
110	Searching for nova shells around cataclysmic variables. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2863-2876.	1.6	20
111	Scintillation Noise in Exoplanet Transit Photometry. Journal of Physics: Conference Series, 2015, 595, 012010.	0.3	23
112	THE FIRST SCIENCE RESULTS FROM SPHERE: DISPROVING THE PREDICTED BROWN DWARF AROUND V471 TAU. Astrophysical Journal Letters, 2015, 800, L24.	3.0	41
113	DIRECT EVIDENCE FOR AN EVOLVING DUST CLOUD FROM THE EXOPLANET KIC 12557548 B. Astrophysical Journal Letters, 2015, 800, L21.	3.0	60
114	Dynamical masses of a nova-like variable on the edge of the period gap. Monthly Notices of the Royal Astronomical Society, 2015, 452, 146-157.	1.6	16
115	First EURONEAR NEA discoveries from La Palma using the INTâˆž.... Monthly Notices of the Royal Astronomical Society, 2015, 449, 1614-1624.	1.6	13
116	Total eclipse of the heart: the AM CVn Gaia14aae/ASSASN-14cn. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1060-1067.	1.6	32
117	14 new eclipsing white dwarf plus main-sequence binaries from the SDSS and Catalina surveys. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2194-2204.	1.6	30
118	A double white dwarf with a paradoxical origin?. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3966-3974.	1.6	19
119	Discovery of ZZâˆžCetis in detached white dwarf plus main-sequence binaries. Monthly Notices of the Royal Astronomical Society, 2015, 447, 691-697.	1.6	14
120	PHL 1445: an eclipsing cataclysmic variable with a substellar donor near the period minimum. Monthly Notices of the Royal Astronomical Society, 2015, 451, 114-125.	1.6	16
121	Accretion-induced variability links young stellar objects, white dwarfs, and black holes. Science Advances, 2015, 1, e1500686.	4.7	60
122	FOLLOW-UP PHOTOMETRY OF TWO NEW ECLIPSING PCEBs FROM THE SLOAN DIGITAL SKY SURVEY. Publications of the Korean Astronomical Society, 2015, 30, 217-218.	0.1	0
123	NALYSIS OF THE ECLIPSING BINARY SDSS J1021+1744: A WDMS SYSTEM WITH UNUSUAL DIPS. Publications of the Korean Astronomical Society, 2015, 30, 219-221.	0.1	0
124	THE NEW ECLIPSING POST COMMON-ENVELOPE BINARY SDSS J074548.63+263123.4. Publications of the Korean Astronomical Society, 2015, 30, 201-204.	0.1	0
125	FIRST LUNAR OCCULTATION RESULTS FROM THE 2.4 m THAI NATIONAL TELESCOPE EQUIPPED WITH ULTRASPEC. Astronomical Journal, 2014, 148, 100.	1.9	7
126	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. Astrophysical Journal, Supplement Series, 2014, 211, 7.	3.0	57

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127	Heavy metals in a light white dwarf: abundances of the metal-rich, extremely low-mass GALEX J1717+6757. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1674-1682.	1.6	22
128	A search for photometric variability towards M71 with the Near-Infrared Transiting ExoplanetS Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3383-3398.	1.6	44
129	WASP-1628+10 " an EL-CVn-type binary with a very low mass stripped red giant star and multiperiodic pulsations. Monthly Notices of the Royal Astronomical Society, 2014, 444, 208-216.	1.6	47
130	ULTRASPEC: a high-speed imaging photometer on the 2.4-m Thai National Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 444, 4009-4021.	1.6	55
131	A parameter study of the eclipsing CV in the Kepler field, KIS J192748.53+444724.5. Monthly Notices of the Royal Astronomical Society, 2014, 443, 718-724.	1.6	9
132	The substellar companion in the eclipsing white dwarf binary SDSS J141126.20+200911.1. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2106-2115.	1.6	43
133	Precise parameters for both white dwarfs in the eclipsing binary CSS-41177. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3399-3408.	1.6	42
134	PROPERTIES OF AN ECLIPSING DOUBLE WHITE DWARF BINARY NLTT 11748. Astrophysical Journal, 2014, 780, 167.	1.6	27
135	SDSS J001153.08+064739.2, A CATAclysmic VARIABLE WITH AN EVOLVED DONOR IN THE PERIOD GAP. Astrophysical Journal, 2014, 790, 28.	1.6	22
136	The planets around NN-Serpentis: still there?... Monthly Notices of the Royal Astronomical Society, 2014, 437, 475-488.	1.6	97
137	Optical transmission photometry of the highly inflated exoplanet WASP-17b.... Monthly Notices of the Royal Astronomical Society, 2014, 437, 1511-1518.	1.6	56
138	Testing the planetary models of HU Aquarii. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1924-1931.	1.6	17
139	Stereo-SCIDAR: optical turbulence profiling with high sensitivity using a modified SCIDAR instrument. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3568-3577.	1.6	70
140	Roche tomography of cataclysmic variables " VI. Differential rotation of AE Aqr " not tidally locked!. Monthly Notices of the Royal Astronomical Society, 2014, 444, 192-207.	1.6	17
141	Stellar occultation by (119951) 2002 KX ₁₄ on April 26, 2012. Astronomy and Astrophysics, 2014, 571, A48.	2.1	18
142	An exploration of Pluto's environment through stellar occultations. Astronomy and Astrophysics, 2014, 561, A144.	2.1	13
143	The spotty donor star in the X-ray transient Cen X-4. Monthly Notices of the Royal Astronomical Society, 2014, 440, 504-513.	1.6	24
144	A Massive Pulsar in a Compact Relativistic Binary. Science, 2013, 340, 448, 1233232.	6.0	2,890

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145	Multi-periodic pulsations of a stripped red-giant star in an eclipsing binary system. <i>Nature</i> , 2013, 498, 463-465.	13.7	79
146	Eclipsing post-common envelope binaries from the Catalina surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 256-268.	1.6	53
147	ULTRACAM ϵ^2 -band detection of the secondary eclipse of WASP-12b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2268-2273.	1.6	48
148	Hot DAVs: a probable new class of pulsating white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1632-1639.	1.6	17
149	CI Aql: a Type Ia supernova progenitor?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1588-1598.	1.6	15
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