

Michael Schubnell

List of Publications by Year in descending order

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147
papers

8,981
citations

50276

46
h-index

45317

90
g-index

150
all docs

150
docs citations

150
times ranked

11481
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2075-2104.	4.4	34
2	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. Astrophysical Journal, Supplement Series, 2022, 259, 27.	7.7	4
3	Lensing without borders – I. A blind comparison of the amplitude of galaxy–galaxy lensing between independent imaging surveys. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6150-6189.	4.4	12
4	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	4.5	9
5	The Dark Energy Survey supernova program: cosmological biases from supernova photometric classification. Monthly Notices of the Royal Astronomical Society, 2022, 518, 1106-1127.	4.4	7
6	The dark energy survey 5-yr photometrically identified type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5159-5177.	4.4	8
7	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	4.5	6
8	A machine learning approach to galaxy properties: joint redshift–stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786.	4.4	19
9	Baryon acoustic oscillations in the projected cross-correlation function between the eBOSS DR16 quasars and photometric galaxies from the DESI Legacy Imaging Surveys. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2562-2582.	4.4	9
10	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2688-2705.	4.4	20
11	The WaZP galaxy cluster sample of the dark energy survey year 1. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4435-4456.	4.4	15
12	Characterizing the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4328-4349.	4.4	17
13	Pushing automated morphological classifications to their limits with the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1927-1943.	4.4	33
14	Consistency of cosmic shear analyses in harmonic and real space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3796-3817.	4.4	14
15	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. Astrophysical Journal, 2021, 911, 109.	4.5	18
16	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	4.4	77
17	The first Hubble diagram and cosmological constraints using superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2535-2549.	4.4	18
18	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93

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19	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	4.4	37
20	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. Astrophysical Journal, 2021, 916, 81.	4.5	14
21	Galaxy-galaxy lensing with the DES-CMASS catalogue: measurement and constraints on the galaxy-matter cross-correlation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2033-2047.	4.4	6
22	Dark Energy Survey Year 3 results: galaxy sample for BAO measurement. Monthly Notices of the Royal Astronomical Society, 2021, 509, 778-799.	4.4	8
23	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	4.4	9
24	Synthetic galaxy clusters and observations based on Dark Energy Survey Year 3 Data. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4865-4885.	4.4	1
25	The DES view of the Eridanus supervoid and the CMB cold spot. Monthly Notices of the Royal Astronomical Society, 2021, 510, 216-229.	4.4	14
26	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
27	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4426-4447.	4.4	63
28	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3491-3511.	4.4	34
29	Blinding multiprobe cosmological experiments. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4454-4470.	4.4	22
30	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4769-4786.	4.4	20
31	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps - validation on simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4060-4087.	4.4	29
32	Spectral variability of a sample of extreme variability quasars and implications for the Mg II broad-line region. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5773-5787.	4.4	18
33	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. Monthly Notices of the Royal Astronomical Society, 2020, 496, 19-35.	4.4	43
34	Optical follow-up of gravitational wave triggers with DECam during the first two LIGO/VIRGO observing runs. Astronomy and Computing, 2020, 33, 100425.	1.7	9
35	Cluster masses: weak-lensing calibration of the Dark Energy Survey Year 1 redMaPPer clusters using stellar masses. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5450-5467.	4.4	8
36	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1308-1322.	4.4	6

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37	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3636-3647.	4.4	6
38	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. Monthly Notices of the Royal Astronomical Society, 2020, 498, 771-798.	4.4	12
39	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2575-2593.	4.4	24
40	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408â€”5354 and WGDâ€”2038â€”4008. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3241-3274.	4.4	10
41	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4591-4606.	4.4	28
42	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408â€”5354. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6072-6102.	4.4	140
43	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $\langle i \rangle > 1$. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1705-1723.	4.4	6
44	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. Astrophysical Journal, 2020, 892, 137.	4.5	43
45	The mystery of photometric twins DES17X1boj and DES16E2bjy. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5576-5589.	4.4	5
46	A joint SZâ€”X-rayâ€”optical analysis of the dynamical state of 288 massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 705-725.	4.4	24
47	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4860-4892.	4.4	12
48	DES16C3cje: A low-luminosity, long-lived supernova. Monthly Notices of the Royal Astronomical Society, 2020, 496, 95-110.	4.4	8
49	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	4.7	140
50	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4051-4059.	4.4	7
51	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	7.7	33
52	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. Astrophysical Journal, 2020, 893, 47.	4.5	110
53	Dark Energy Survey year 3 results: point spread function modelling. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1282-1299.	4.4	41
54	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1300-1315.	4.4	24

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55	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020, 900, 58.	4.5	22
56	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. <i>Astrophysical Journal</i> , 2020, 901, 83.	4.5	28
57	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. <i>Astrophysical Journal</i> , 2020, 903, 75.	4.5	8
58	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 900, L33.	8.3	74
59	On the relative bias of void tracers in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2836-2852.	4.4	37
60	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data – II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1-17.	4.4	8
61	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4866-4883.	4.4	109
62	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4779-4800.	4.4	82
63	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2511-2524.	4.4	19
64	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3341-3354.	4.4	15
65	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. <i>Physical Review Letters</i> , 2019, 123, 181301.	7.8	12
66	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5453-5482.	4.4	62
67	Producing a BOSS CMASS sample with DES imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2887-2906.	4.4	19
68	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 93-100.	4.4	58
69	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3870-3883.	4.4	21
70	Quasar black hole mass measurements with the Australian Dark Energy Survey (OzDES). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3650-3663.	4.4	35
71	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2215-2241.	4.4	67
72	Three new VHS DES quasars at $z \approx 6.7$ and $z \approx 6.9$ and emission line properties at $z \approx 6.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1874-1885.	4.4	64

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73	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. <i>Astronomical Journal</i> , 2019, 158, 16.	4.7	16
74	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. <i>Astronomical Journal</i> , 2019, 157, 120.	4.7	8
75	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5330-5349.	4.4	62
76	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2184-2196.	4.4	143
77	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	7.8	86
78	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	8.3	179
79	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1171-1187.	4.4	62
80	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 69-87.	4.4	21
81	More out of less: an excess integrated Sachs-Wolfe signal from supervoids mapped out by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5267-5277.	4.4	42
82	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2019, 873, L24.	8.3	14
83	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019, 883, 125.	4.5	8
84	UV-luminous, star-forming hosts of $z \sim 2$ reddened quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3682-3699.	4.4	10
85	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 854, 160.	4.5	87
86	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	7.7	192
87	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3165-3190.	4.4	60
88	A measurement of CMB cluster lensing with SPT and DES year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2674-2688.	4.4	41
89	Weak lensing magnification in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1071-1085.	4.4	21
90	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	4.5	50

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91	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. <i>Astronomical Journal</i> , 2018, 156, 273.	4.7	11
92	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign â€“ I. Overview and classification of candidates selected by two techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1041-1054.	4.4	48
93	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2871-2888.	4.4	34
94	Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at $0.2 < z < 1.25$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3072-3099.	4.4	70
95	Dark Energy Survey Year 1 results: weak lensing shape catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1149-1182.	4.4	144
96	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2427-2443.	4.4	39
97	DES meets Gaia: discovery of strongly lensed quasars from a multiplet search. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4345-4354.	4.4	39
98	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018, 864, 83.	4.5	69
99	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4614-4635.	4.4	31
100	Galaxy bias from galaxyâ€“galaxy lensing in the DES science verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1667-1684.	4.4	14
101	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3324-3343.	4.4	38
102	Cross-correlation redshift calibration without spectroscopic calibration samples in DES Science Verification Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2196-2208.	4.4	23
103	Dark Energy Survey Year-1 results: galaxy mock catalogues for BAO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 94-110.	4.4	25
104	Dark Energy Survey Year 1 results: the impact of galaxy neighbours on weak lensing cosmology with im3shape. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4524-4543.	4.4	43
105	Dark Energy Survey Year 1 results: cross-correlation redshifts â€“ methods and systematics characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1664-1682.	4.4	63
106	Dark Energy Survey Year 1 Results: A Precise H_0 Estimate from DES Y1, BAO, and D/H Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3879-3888.	4.4	196
107	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	4.5	193
108	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 592-610.	4.4	145

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109	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017, 837, 57.	4.5	34
110	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 746-759.	4.4	86
111	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017, 153, 107.	4.7	21
112	Models of the strongly lensed quasar DES J0408 ^h 5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4038-4050.	4.4	18
113	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017, 838, L15.	8.3	32
114	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	8.3	656
115	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2017, 848, L16.	8.3	392
116	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 15.	7.7	48
117	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 97-108.	4.4	36
118	Optical ^h “SZE scaling relations for DES optically selected clusters within the SPT-SZ Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3347-3360.	4.4	17
119	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. <i>Astrophysical Journal</i> , 2017, 843, 148.	4.5	20
120	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 273-288.	4.4	65
121	Eight new luminous $z \approx 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4702-4718.	4.4	92
122	A stellar overdensity associated with the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1349-1360.	4.4	38
123	Discovery of a $z \approx 0.65$ post-starburst BAL quasar in the DES supernova fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3682-3688.	4.4	3
124	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , 2016, 820, 58.	4.5	46
125	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. <i>Astronomical Journal</i> , 2016, 151, 157.	4.7	24
126	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L33.	8.3	55

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127	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	4.5	21
128	Dark Matter Results from First 98.7 Days of Data from the PandaX-II Experiment. Physical Review Letters, 2016, 117, 121303.	7.8	501
129	The dark energy survey and operations: years 1 to 3. Proceedings of SPIE, 2016, , .	0.8	23
130	Weak lensing by galaxy troughs in DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3367-3380.	4.4	71
131	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. Monthly Notices of the Royal Astronomical Society, 2016, 458, 603-612.	4.4	53
132	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	4.5	405
133	THE DARK ENERGY CAMERA. Astronomical Journal, 2015, 150, 150.	4.7	718
134	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1260-1265.	4.4	41
135	DES J0454â~4448: discovery of the first luminous<i>z</i>â%¥ 6 quasar from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3952-3961.	4.4	60
136	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	4.7	107
137	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466
138	Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2523-2539.	4.4	29
139	First dark matter search results from the PandaX-I experiment. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2024-2030.	5.1	72
140	PandaX: a liquid xenon dark matter experiment at CJPL. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1476-1494.	5.1	99
141	Probing Dark Energy in the Accelerating Universe with SNAP. AIP Conference Proceedings, 2004, , .	0.4	2
142	ANTIMATTER MEASUREMENTS WITH HEAT AND THE DARK MATTER CONNECTION. , 2003, , .		0
143	Antiparticles. Space Science Reviews, 2001, 99, 95-104.	8.1	2
144	Star-galaxy classification in the Dark Energy Survey Y1 dataset. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19

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145	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	28
146	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	24
147	Rates and delay times of type Ia supernovae in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	21