Joshua Frieman

List of Publications by Year
in descending order

162 papers	10,384 citations	38742 50 h-index	36028 97 g-index
166 all docs	166 docs citations	166 times ranked	7740 citing authors

#	Article	IF	Citations
1	Multiwavelength optical and NIR variability analysis of the Blazar PKSÂ0027-426. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3145-3177.	4.4	2
2	Dark Energy Survey Year 3 results: galaxy clustering and systematics treatment for lens galaxy samples. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2665-2687.	4.4	31
3	From the Fire: A Deeper Look at the Phoenix Stream. Astrophysical Journal, 2022, 925, 118.	4.5	8
4	Dark Energy Survey Year 3 results: marginalization over redshift distribution uncertainties using ranking of discrete realizations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2170-2185.	4.4	18
5	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
6	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. Astrophysical Journal, Supplement Series, 2022, 258, 41.	7.7	27
7	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
8	The Observed Evolution of the Stellar Massâ€"Halo Mass Relation for Brightest Central Galaxies. Astrophysical Journal, 2022, 928, 28.	4.5	11
9	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. Astrophysical Journal, 2022, 927, 109.	4.5	5
10	Finding quadruply imaged quasars with machine learning â€" I. Methods. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2407-2421.	4.4	9
11	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	4.5	9
12	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
13	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
14	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4696-4717.	4.4	3
15	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. Astrophysical Journal, 2022, 932, 128.	4.5	16
16	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
17	Dark energy survey year 3 results: cosmological constraints from the analysis of cosmic shear in harmonic space. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1942-1972.	4.4	27
18	A machine learning approach to galaxy properties: joint redshiftâ€"stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786.	4.4	19

#	ARTICLE	IF	CITATIONS
19	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	7.7	56
20	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. Physical Review D, 2021, 103, .	4.7	34
21	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
22	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaevâ€"Zelâ€™dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	7.7	118
23	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
24	Exploring the contamination of the DES-Y1 cluster sample with SPT-SZ selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1253-1272.	4.4	12
25	Constraints on Dark Matter Properties from Observations of MilkyÂWay Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	7.8	144
26	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	4.4	77
27	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. Physical Review Letters, 2021, 126, 141301.	7.8	55
28	The first Hubble diagram and cosmological constraints using superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2535-2549.	4.4	18
29	Understanding the extreme luminosity of DES14X2fna. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3950-3967.	4.4	4
30	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2819-2839.	4.4	17
31	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4249-4277.	4.4	67
32	Galaxy clustering in harmonic space from the dark energy survey year 1 data: compatibility with real-space results. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5714-5724.	4.4	5
33	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	4.4	37
34	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4425-4444.	4.4	32
35	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	7.7	120
36	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. Astrophysical Journal, 2021, 916, 81.	4.5	14

#	Article	IF	Citations
37	OzDES Reverberation Mapping Programme: the first Mgâ‰<scp>ii</scp> lags from 5 yr of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3771-3788.	4.4	24
38	Dark Energy Survey year 3 results: covariance modelling and its impact on parameter estimation and quality of fit. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3125-3165.	4.4	39
39	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	4.4	20
40	Dark Energy Survey Y3 results: blending shear and redshift biases in image simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3371-3394.	4.4	53
41	DES Y1 results: Splitting growth and geometry to test ΛCDM. Physical Review D, 2021, 103, .	4.7	16
42	Galaxyâ€"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
43	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
44	OzDES reverberation mapping program: Lag recovery reliability for 6-yr Câ‰<scp>iv</scp> analysis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4008-4023.	4.4	11
45	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	4.4	9
46	Dark Energy Survey Year 3 Results: clustering redshifts â€" calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1223-1247.	4.4	36
47	Dark Energy Survey Year 3 results: galaxyâ€"halo connection from galaxyâ€"galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3119-3147.	4.4	18
48	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
49	Modelling the Milky Way â€" I. Method and first results fitting the thick disc and halo with DES-Y3 data. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1547-1562.	4.4	15
50	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4040-4060.	4.4	30
51	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5662-5679.	4.4	8
52	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
53	Blinding multiprobe cosmological experiments. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4454-4470.	4.4	22
54	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps â€" validation on simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4060-4087.	4.4	29

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	DES16C3cje: A low-luminosity, long-lived supernova. Monthly Notices of the Royal Astronomical Society, 2020, 496, 95-110.	4.4	8
65	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	4.7	140
66	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	7.7	33
67	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
68	Increasing the census of ultracool dwarfs in wide binary and multiple systems using Dark Energy Survey DR1 and Gaia DR2 data. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5302-5317.	4.4	3
69	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2020, 500, 464-480.	4.4	19
70	Dark Energy Survey year 3 results: point spread function modelling. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1282-1299.	4.4	41
71	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
72	A <i>Spitzer</i> survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. Monthly Notices of the Royal Astronomical Society, 2020, 501, 892-910.	4.4	19

#	Article	IF	Citations
73	Milky Way Satellite Census. II. Galaxy–Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	4.5	101
74	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. Astrophysical Journal, 2020, 901, 83.	4.5	28
75	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. Astrophysical Journal, 2020, 903, 75.	4.5	8
76	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	7.7	101
77	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. Astrophysical Journal Letters, 2020, 900, L33.	8.3	74
78	On the relative bias of void tracers in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2836-2852.	4.4	37
79	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4779-4800.	4.4	82
80	Brown dwarf census with the Dark Energy Survey year 3 data and the thin disc scale height of early L types. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5301-5325.	4.4	23
81	Search for RR Lyrae stars in DES ultrafaint systems: GrusÂI, KimÂ2, PhoenixÂII, and GrusÂII. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2183-2199.	4.4	35
82	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3341-3354.	4.4	15
83	An Extended Catalog of Galaxy–Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. Astrophysical Journal, Supplement Series, 2019, 243, 17.	7.7	77
84	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4389-4399.	4.4	7
85	H0LiCOW â€“â€‰X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFIâ€‰2033âˆ’4723. Monthly Notices of the Royal Astronomical Society, 2019, 490, 613-633.	4.4	24
86	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	4.4	58
87	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. Astrophysical Journal, 2019, 874, 106.	4.5	60
88	A new RASS galaxy cluster catalogue with low contamination extending to z âˆ¼ 1 in the DES overlap region. Monthly Notices of the Royal Astronomical Society, 2019, 488, 739-769.	4.4	44
89	Superluminous supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2215-2241.	4.4	67
90	Three new VHSâ€“DES quasars at 6.7 < z < 6.9 and emission line properties at z > 6.5. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	4.4	64

#	Article	IF	Citations
91	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2578-2593.	4.4	44
92	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. Astrophysical Journal, 2019, 872, 170.	4.5	28
93	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. Astronomical Journal, 2019, 157, 120.	4.7	8
94	Finding high-redshift strong lenses in DES using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5330-5349.	4.4	62
95	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2184-2196.	4.4	143
96	First cosmology results using Type IA supernovae from the dark energy survey: effects of chromatic corrections to supernova photometry on measurements of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5329-5344.	4.4	16
97	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binaryâ€"Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
98	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1171-1187.	4.4	62
99	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2019, 485, 69-87.	4.4	21
100	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	8.3	201
101	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. Astrophysical Journal Letters, 2019, 873, L24.	8.3	14
102	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. Astrophysical Journal, 2019, 881, 118.	4.5	27
103	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5649-5671.	4.4	73
104	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1352-1378.	4.4	135
105	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. Astrophysical Journal, 2019, 883, 125.	4.5	8
106	UV-luminous, star-forming hosts of z â~¼ 2 reddened quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3682-3699.	4.4	10
107	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	7.7	192
108	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	4.4	60

#	Article	IF	Citations
109	A measurement of CMB cluster lensing with SPT and DES year 1 data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2674-2688.	4.4	41
110	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
111	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2427-2443.	4.4	39
112	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. Astrophysical Journal, 2018, 864, 83.	4.5	69
113	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	4.4	31
114	Galaxy bias from galaxy–galaxy lensing in the DES science verification data. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1667-1684.	4.4	14
115	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3324-3343.	4.4	38
116	Dark Energy Survey Year-1 results: galaxy mock catalogues for BAO. Monthly Notices of the Royal Astronomical Society, 2018, 479, 94-110.	4.4	25
117	A catalogue of structural and morphological measurements for DES Y1. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2018-2040.	4.4	23
118	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	4.5	193
119	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2018, 98, .	4.7	751
120	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	4.4	145
121	The evolution of active galactic nuclei in clusters of galaxies from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2531-2539.	4.4	28
122	A Search for Kilonovae in the Dark Energy Survey. Astrophysical Journal, 2017, 837, 57.	4.5	34
123	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. Astrophysical Journal Letters, 2017, 839, L15.	8.3	28
124	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	4.4	86
125	Astrometric Calibration and Performance of the Dark Energy Camera. Publications of the Astronomical Society of the Pacific, 2017, 129, 074503.	3.1	40
126	Cosmology from large-scale galaxy clustering and galaxy–galaxy lensing with Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4045-4062.	4.4	48

#	Article	IF	Citations
127	Discovery of the Lensed Quasar System DES J0408-5354. Astrophysical Journal Letters, 2017, 838, L15.	8.3	32
128	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. Astrophysical Journal Letters, 2017, 848, L16.	8.3	392
129	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. VI. Radio Constraints on a Relativistic Jet and Predictions for Late-time Emission from the Kilonova Ejecta. Astrophysical Journal Letters, 2017, 848, L21.	8.3	266
130	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. Astrophysical Journal Letters, 2017, 849, L34.	8.3	49
131	Optical–SZE scaling relations for DES optically selected clusters within the SPT-SZ Survey. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3347-3360.	4.4	17
132	Testing the lognormality of the galaxy and weak lensing convergence distributions from Dark Energy Survey maps. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1444-1461.	4.4	48
133	Photometric redshifts and clustering of emission line galaxies selected jointly by DES and eBOSS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2771-2790.	4.4	8
134	Eight new luminous z ≥ 6 quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4702-4718.	4.4	92
135	Imprint of DES superstructures on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4166-4179.	4.4	36
136	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. Astrophysical Journal, 2016, 820, 58.	4.5	46
137	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. Astronomical Journal, 2016, 151, 157.	4.7	24
138	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L33.	8.3	55
139	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUS–PHOENIX IN THE DARK ENERGY SURVEY. Astrophysical Journal, 2016, 817, 135.	4.5	36
140	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	7.7	233
141	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	4.5	21
142	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	8.3	38
143	Comparing Dark Energy Survey and <i>HST</i>–CLASH observations of the galaxy cluster RXC J2248.7−4431: implications for stellar mass versus dark matter. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1486-1499.	4.4	12
144	Joint measurement of lensing–galaxy correlations using SPT and DES SV data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4099-4114.	4.4	50

#	Article	IF	Citations
145	The dark energy survey and operations: years 1 to 3. Proceedings of SPIE, 2016, , .	0.8	23
146	Weak lensing by galaxy troughs in DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3367-3380.	4.4	71
147	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
148	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	4.5	405
149	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 172.	4.7	128
150	THE DARK ENERGY CAMERA. Astronomical Journal, 2015, 150, 150.	4.7	718
151	Constraints on the richness–mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2305-2319.	4.4	87
152	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. Physical Review Letters, 2015, 115, 051301.	7.8	40
153	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
154	DES J0454−4448: discovery of the first luminous $z \geq 6$ quasar from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3952-3961.	4.4	60
155	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	4.7	107
156	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466
157	Estimating the redshift distribution of photometric galaxy samples. Monthly Notices of the Royal Astronomical Society, 2008, 390, 118-130.	4.4	150
158	Incorporating Galaxy Cluster Triaxiality in Stacked Cluster Weak Lensing Analyses. , 1900, , .		0
159	Modelling the Tucana III stream - a close passage with the LMC. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	42
160	Star-galaxy classification in the Dark Energy Survey Y1 dataset. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19
161	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
162	Rates and delay times of type Ia supernovae in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	21