

Andrés A Plazas Malagán

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3639739/publications.pdf>

Version: 2024-02-01

174
papers

9,587
citations

34016

52
h-index

45213

90
g-index

175
all docs

175
docs citations

175
times ranked

7501
citing authors

#	ARTICLE	IF	CITATIONS
1	THE DARK ENERGY CAMERA. <i>Astronomical Journal</i> , 2015, 150, 150.	1.9	718
2	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
3	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	1.6	405
4	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.	3.0	392
5	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 1.	3.0	233
6	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019, 872, L30.	3.0	201
7	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	1.6	193
8	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	3.0	192
9	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.	3.0	179
10	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1431-1450.	1.6	156
11	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.	1.6	145
12	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408+5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6072-6102.	1.6	140
13	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2245-2281.	1.6	137
14	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 172.	1.9	128
15	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	3.0	120
16	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3653-3673.	1.6	119
17	The Atacama Cosmology Telescope: A Catalog of ~ 4000 Sunyaev-Zel'dovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	3.0	118
18	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. <i>Astrophysical Journal</i> , 2020, 893, 47.	1.6	110

#	ARTICLE	IF	CITATIONS
19	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	1.6	109
20	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4866-4883.	1.6	109
21	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	1.9	107
22	Milky Way Satellite Census. II. Galaxyâ€“Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	1.6	101
23	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	3.0	101
24	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	3.0	93
25	Eight new luminous $z \approx 6$ 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.	1.6	92
26	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	1.6	92
27	Constraints on the richnessâ€“mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2305-2319.	1.6	87
28	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. Astrophysical Journal, 2018, 854, 160.	1.6	87
29	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	1.6	86
30	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	2.9	86
31	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. Astrophysical Journal Letters, 2016, 818, L8.	3.0	78
32	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4301-4324.	1.6	77
33	An Extended Catalog of Galaxyâ€“Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. Astrophysical Journal, Supplement Series, 2019, 243, 17.	3.0	77
34	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	1.6	77
35	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	1.6	75
36	Forward Global Photometric Calibration of the Dark Energy Survey. Astronomical Journal, 2018, 155, 41.	1.9	74

#	ARTICLE	IF	CITATIONS
37	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.	3.0	74
38	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+imaged quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5649-5671.	1.6	73
39	Weak lensing by galaxy troughs in DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3367-3380.	1.6	71
40	Survey geometry and the internal consistency of recent cosmic shear measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4998-5004.	1.6	68
41	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2215-2241.	1.6	67
42	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4249-4277.	1.6	67
43	VDES J2325+5229 $z \approx 2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4325-4334.	1.6	66
44	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.	1.6	65
45	Dark Energy Survey Year 1 results: cross-correlation redshifts \hat{z} methods and systematics characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1664-1682.	1.6	63
46	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4426-4447.	1.6	63
47	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5330-5349.	1.6	62
48	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.	1.6	62
49	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.	1.6	60
50	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , 2019, 874, 106.	1.6	60
51	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , 2016, 152, 154.	1.9	55
52	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1215-1227.	1.6	53
53	Dark Energy Survey Y3 results: blending shear and redshift biases in image simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3371-3394.	1.6	53
54	Phenotypic redshifts with self-organizing maps: A novel method to characterize redshift distributions of source galaxies for weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 820-841.	1.6	52

#	ARTICLE	IF	CITATIONS
55	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	1.6	50
56	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , 2017, 849, L34.	3.0	49
57	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.	3.0	48
58	Testing the lognormality of the galaxy and weak lensing convergence distributions from Dark Energy Survey maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1444-1461.	1.6	48
59	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.	1.6	48
60	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 24.	3.0	47
61	The Dark Energy Survey and operations: Year 1. <i>Proceedings of SPIE</i> , 2014, , .	0.8	45
62	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.	1.6	43
63	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 19-35.	1.6	43
64	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. <i>Astronomical Journal</i> , 2018, 156, 81.	1.9	42
65	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy*. <i>Astrophysical Journal</i> , 2019, 882, 177.	1.6	42
66	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4626-4645.	1.6	42
67	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1260-1265.	1.6	41
68	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.	1.6	41
69	Dark Energy Survey year 3 results: point spread function modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1282-1299.	1.6	41
70	Astrometric Calibration and Performance of the Dark Energy Camera. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 074503.	1.0	40
71	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.	1.6	39
72	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.	1.6	39

#	ARTICLE	IF	CITATIONS
73	A DECam SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 826, L29.	3.0	38
74	A stellar overdensity associated with the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1349-1360.	1.6	38
75	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.	1.6	37
76	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUSâ€“PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016, 817, 135.	1.6	36
77	Imprint of DES superstructures on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4166-4179.	1.6	36
78	Search for RR Lyrae stars in DES ultrafaint systems: Grusâ€“I, Kimâ€“2, Phoenixâ€“II, and Grusâ€“II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2183-2199.	1.6	35
79	Câ€“iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3650-3663.	1.6	35
80	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017, 837, 57.	1.6	34
81	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.	1.6	34
82	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3491-3511.	1.6	34
83	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2075-2104.	1.6	34
84	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 16.	3.0	33
85	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017, 838, L15.	3.0	32
86	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3573-3587.	1.6	32
87	The three-year shear catalog of the Subaru Hyper Suprime-Cam SSP Survey. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 421-459.	1.0	31
88	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4040-4060.	1.6	30
89	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps â€“ validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4060-4087.	1.6	29
90	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. <i>Planetary Science Journal</i> , 2021, 2, 59.	1.5	29

#	ARTICLE	IF	CITATIONS
91	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , 2017, 839, L15.	3.0	28
92	Laboratory Measurement of the Brighter-fatter Effect in an H2RG Infrared Detector. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 065004.	1.0	28
93	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4591-4606.	1.6	28
94	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.	1.6	28
95	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 32.	3.0	27
96	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 6010-6031.	1.6	27
97	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020, 160, 267.	1.9	27
98	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 41.	3.0	27
99	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. <i>Astronomical Journal</i> , 2016, 151, 157.	1.9	24
100	HOLICOW: Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 4723. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 613-633.	1.6	24
101	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2575-2593.	1.6	24
102	OzDES Reverberation Mapping Programme: the first Mg λ 7890 Å emission line lags from 5 yr of monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3771-3788.	1.6	24
103	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1300-1315.	1.6	24
104	The dark energy survey and operations: years 1 to 3. <i>Proceedings of SPIE</i> , 2016, , .	0.8	23
105	Galaxy bias from the Dark Energy Survey Science Verification data: combining galaxy density maps and weak lensing maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3203-3216.	1.6	23
106	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. <i>Astrophysical Journal</i> , 2018, 854, 37.	1.6	23
107	Brown dwarf census with the Dark Energy Survey year 3 data and the thin disc scale height of early L types. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5301-5325.	1.6	23
108	On-Sky Measurements of the Transverse Electric Fields' Effects in the Dark Energy Camera CCDs. <i>Publications of the Astronomical Society of the Pacific</i> , 0, , 000-000.	1.0	22

#	ARTICLE	IF	CITATIONS
109	Transverse electric fields' effects in the Dark Energy Camera CCDs. <i>Journal of Instrumentation</i> , 2014, 9, C04001-C04001.	0.5	22
110	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2807-2822.	1.6	22
111	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020, 900, 58.	1.6	22
112	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. <i>Astrophysical Journal</i> , 2016, 827, 51.	1.6	21
113	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017, 153, 107.	1.9	21
114	Environmental dependence of the galaxy stellar mass function in the Dark Energy Survey Science Verification Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 228-247.	1.6	21
115	Inference from the small scales of cosmic shear with current and future Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2567-2583.	1.6	21
116	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.	1.6	21
117	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 15.	3.0	21
118	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4769-4786.	1.6	20
119	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5758-5779.	1.6	20
120	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. <i>Astronomical Journal</i> , 2016, 151, 39.	1.9	19
121	Star-galaxy classification in the Dark Energy Survey Y1 dataset. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	19
122	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.	1.6	19
123	Producing a BOSS CMASS sample with DES imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2887-2906.	1.6	19
124	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2019, 875, L13.	3.0	19
125	A machine learning approach to galaxy properties: joint redshift-stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2770-2786.	1.6	19
126	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 464-480.	1.6	19

#	ARTICLE	IF	CITATIONS
127	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. <i>Astronomical Journal</i> , 2020, 159, 133.	1.9	19
128	Candidate massive galaxies at $z \sim 1.4$ in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3060-3081.	1.6	18
129	Spectral variability of a sample of extreme variability quasars and implications for the Mg II broad-line region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5773-5787.	1.6	18
130	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021, 911, 109.	1.6	18
131	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis*. <i>Astrophysical Journal</i> , 2020, 897, 183.	1.6	18
132	Dark Energy Survey Year 3 results: marginalization over redshift distribution uncertainties using ranking of discrete realizations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2170-2185.	1.6	18
133	Deep SOAR follow-up photometry of two Milky Way outer-halo companions discovered with Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2006-2018.	1.6	17
134	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2819-2839.	1.6	17
135	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.	1.9	16
136	The Effect of Detector Nonlinearity on WFIRST PSF Profiles for Weak Gravitational Lensing Measurements. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 104001.	1.0	15
137	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.	1.6	15
138	Modelling the Milky Way I. Method and first results fitting the thick disc and halo with DES-Y3 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1547-1562.	1.6	15
139	The WazP galaxy cluster sample of the dark energy survey year 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4435-4456.	1.6	15
140	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2019, 873, L24.	3.0	14
141	Image simulations for gravitational lensing with skylens. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2823-2832.	1.6	14
142	The DES view of the Eridanus supervoid and the CMB cold spot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 216-229.	1.6	14
143	Comparing Dark Energy Survey and HST CLASH observations of the galaxy cluster RXC J2248.7+4431: implications for stellar mass versus dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1486-1499.	1.6	12
144	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4860-4892.	1.6	12

#	ARTICLE	IF	CITATIONS
145	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.	1.6	12
146	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.	1.6	12
147	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. Astronomical Journal, 2018, 156, 273.	1.9	11
148	OzDES reverberation mapping program: Lag recovery reliability for 6-yr C&scv analysis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4008-4023.	1.6	11
149	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES&0408&5354&and WGD&2038&4008. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3241-3274.	1.6	10
150	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	1.6	9
151	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	1.6	9
152	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. Astronomical Journal, 2019, 157, 120.	1.9	8
153	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.	1.6	8
154	1/4 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.	1.6	8
155	DES16C3cje: A low-luminosity, long-lived supernova. Monthly Notices of the Royal Astronomical Society, 2020, 496, 95-110.	1.6	8
156	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. Astrophysical Journal, 2019, 883, 125.	1.6	8
157	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. Astrophysical Journal, 2020, 903, 75.	1.6	8
158	From the Fire: A Deeper Look at the Phoenix Stream. Astrophysical Journal, 2022, 925, 118.	1.6	8
159	Image Simulations for Strong and Weak Gravitational Lensing. Symmetry, 2020, 12, 494.	1.1	7
160	The Evolution of AGN Activity in Brightest Cluster Galaxies. Astronomical Journal, 2022, 163, 146.	1.9	7
161	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.	1.6	6
162	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to <i>z</i> 1. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1705-1723.	1.6	6

#	ARTICLE	IF	CITATIONS
163	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.	1.6	6
164	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	1.6	6
165	The mystery of photometric twins DES17X1boj and DES16E2bjy. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5576-5589.	1.6	5
166	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.	1.6	5
167	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. Astrophysical Journal, 2022, 927, 109.	1.6	5
168	Understanding the extreme luminosity of DES14X2fna. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3950-3967.	1.6	4
169	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. Publications of the Astronomical Society of the Pacific, 2021, 133, 014501.	1.0	4
170	The CosmoQuest Moon Mappers Community Science Project: The Effect of Incidence Angle on the Lunar Surface Crater Distribution. The Open Journal of Astrophysics, 2022, 5, .	0.8	4
171	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.	3.0	4
172	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.	1.6	3
173	Multiwavelength optical and NIR variability analysis of the Blazar PKS0027-426. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3145-3177.	1.6	2
174	Synthetic galaxy clusters and observations based on Dark Energy Survey Year 3 Data. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4865-4885.	1.6	1