

Eric Suchyta

List of Publications by Year in descending order

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Version: 2024-02-01

310
papers

18,301
citations

13854

67
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18633

119
g-index

312
all docs

312
docs citations

312
times ranked

9596
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2018, 98, .	1.6	751
2	THE DARK ENERGY CAMERA. <i>Astronomical Journal</i> , 2015, 150, 150.	1.9	718
3	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.	3.0	656
4	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	1.6	466
5	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
6	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2017, 834, 110.	1.6	412
7	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , 2018, 98, .	1.6	412
8	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	1.6	405
9	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022, 105, .	1.6	398
10	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
11	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 1.	3.0	233
12	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
13	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.	1.6	196
14	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	1.6	193
15	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	3.0	192
16	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
17	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
18	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

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19	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022, 105, .	1.6	145
20	Dark Energy Survey Year 1 results: weak lensing shape catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1149-1182.	1.6	144
21	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021, 126, 091101.	2.9	144
22	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.	1.6	143
23	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
24	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020, 102, .	1.6	140
25	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2245-2281.	1.6	137
26	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1352-1378.	1.6	135
27	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015, 808, 95.	1.6	132
28	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH <i>FERMI</i> -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015, 809, L4.	3.0	131
29	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2019, 99, .	1.6	130
30	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , 2016, 94, .	1.6	125
31	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	3.0	120
32	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
33	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. <i>Astrophysical Journal</i> , 2017, 838, 8.	1.6	119
34	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
35	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
36	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 894-917.	1.6	109

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37	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
38	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	1.9	107
39	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. Physical Review D, 2016, 94, .	1.6	105
40	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. Physical Review D, 2018, 98, .	1.6	102
41	ADIOS 2: The Adaptable Input Output System. A framework for high-performance data management. SoftwareX, 2020, 12, 100561.	1.2	102
42	An r-process Enhanced Star in the Dwarf Galaxy Tucana III*. Astrophysical Journal, 2017, 838, 44.	1.6	101
43	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
44	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	3.0	101
45	CMB lensing tomography with the DES Science Verification galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3213-3244.	1.6	95
46	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	3.0	93
47	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
48	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	1.6	92
49	Detection of the kinematic Sunyaevâ€Zel'dovich effect with DES Year 1 and SPT. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3172-3193.	1.6	88
50	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
51	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4899-4920.	1.6	87
52	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. Astrophysical Journal, 2018, 854, 160.	1.6	87
53	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
54	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III*. Astrophysical Journal, 2017, 838, 11.	1.6	83

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55	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.	1.6	82
56	Cosmic shear measurements with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , 2016, 94, .	1.6	81
57	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. <i>Astrophysical Journal Letters</i> , 2016, 818, L8.	3.0	78
58	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4301-4324.	1.6	77
59	An Extended Catalog of Galaxy–Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 17.	3.0	77
60	Dark energy survey year 3 results: weak lensing shape catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4312-4336.	1.6	77
61	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3047-3063.	1.6	75
62	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018, 155, 41.	1.9	74
63	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
64	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
65	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
66	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 786-808.	1.6	71
67	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. <i>Physical Review D</i> , 2018, 98, .	1.6	71
68	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.	1.6	70
69	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018, 864, 83.	1.6	69
70	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
71	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2215-2241.	1.6	67
72	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

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73	VDES J2325 ⁺ 5229 a<i>z</i>= 2.7 gravitationally lensed quasar discovered using morphology-independent supervised machine learning. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4325-4334.	1.6	66
74	COSMOGRAIL: the COSmological MONitoring of GRAVltational Lenses. Astronomy and Astrophysics, 2018, 609, A71.	2.1	66
75	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. Monthly Notices of the Royal Astronomical Society, 2017, 472, 273-288.	1.6	65
76	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ^{1/4} 0.25. Astrophysical Journal, 2019, 874, 165.	1.6	65
77	Three new VHS ⁺ DES quasars at 6.7 <i>z</i> <i>z</i> 6.9 and emission line properties at <i>z</i> > 6.5. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	1.6	64
78	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream⁺ ⁻ </sup> ⁺ . Astrophysical Journal, 2018, 866, 22.	1.6	63
79	Dark Energy Survey Year 1 results: cross-correlation redshifts ⁺ methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	1.6	63
80	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.	1.6	63
81	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5453-5482.	1.6	62
82	Finding high-redshift strong lenses in DES using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5330-5349.	1.6	62
83	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.	1.6	62
84	DES J0454 ⁺ 4448: discovery of the first luminous<i>z</i> ⁺ 6 quasar from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3952-3961.	1.6	60
85	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	1.6	60
86	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. Astrophysical Journal Letters, 2018, 852, L3.	3.0	60
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.	1.6	60
88	Density split statistics: Joint model of counts and lensing in cells. Physical Review D, 2018, 98, .	1.6	59
89	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	1.6	58
90	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	3.0	56

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91	Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2219-2238.	1.6	55
92	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , 2016, 152, 154.	1.9	55
93	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. <i>Physical Review Letters</i> , 2021, 126, 141301.	2.9	55
94	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
95	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 603-612.	1.6	53
96	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
97	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
98	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2900-2918.	1.6	52
99	Joint measurement of lensing-galaxy correlations using SPT and DES SV data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4099-4114.	1.6	50
100	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	1.6	50
101	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
102	Cosmology from large-scale galaxy clustering and galaxy-galaxy lensing with Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4045-4062.	1.6	48
103	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
104	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
105	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign - 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
106	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. <i>Physical Review D</i> , 2015, 92, .	1.6	47
107	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
108	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , 2016, 820, 58.	1.6	46

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109	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. Monthly Notices of the Royal Astronomical Society, 2016, 459, 21-34.	1.6	46
110	The Dark Energy Survey and operations: Year 1. Proceedings of SPIE, 2014, , .	0.8	45
111	A new RASS galaxy cluster catalogue with low contamination extending to $z \approx 1$ in the DES overlap region. Monthly Notices of the Royal Astronomical Society, 2019, 488, 739-769.	1.6	44
112	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.	1.6	44
113	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \approx 1.2$. Astrophysical Journal, 2016, 816, 98.	1.6	43
114	Dark Energy Survey Year 1 results: the impact of galaxy neighbours on weak lensing cosmology with im3shape. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4524-4543.	1.6	43
115	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.	1.6	43
116	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. Astrophysical Journal, 2020, 892, 137.	1.6	43
117	Modelling the Tucana III stream - a close passage with the LMC. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	42
118	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. Astronomical Journal, 2018, 156, 81.	1.9	42
119	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy*. Astrophysical Journal, 2019, 882, 177.	1.6	42
120	More out of less: an excess integrated Sachs-Wolfe signal from supervoids mapped out by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5267-5277.	1.6	42
121	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. Physical Review D, 2021, 103, .	1.6	42
122	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4626-4645.	1.6	42
123	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4861-4876.	1.6	42
124	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1260-1265.	1.6	41
125	A measurement of CMB cluster lensing with SPT and DES year 1 data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2674-2688.	1.6	41
126	Dark Energy Survey year 3 results: point spread function modelling. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1282-1299.	1.6	41

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127	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. <i>Physical Review Letters</i> , 2015, 115, 051301.	2.9	40
128	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
129	Galaxyâ€“galaxy lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4204-4218.	1.6	40
130	The LMC geometry and outer stellar populations from early DES data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1129-1145.	1.6	39
131	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
132	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
133	Dark Energy Survey year 3 results: covariance modelling and its impact on parameter estimation and quality of fit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3125-3165.	1.6	39
134	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
135	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
136	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.	1.6	38
137	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. <i>Physical Review D</i> , 2019, 100, .	1.6	38
138	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
139	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 6179-6194.	1.6	37
140	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUSâ€“PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016, 817, 135.	1.6	36
141	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.	1.6	36
142	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
143	Dark Energy Survey Year 3 Results: clustering redshifts â€“ calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1223-1247.	1.6	36
144	Dark Energy Survey Year 3 results: A 2.7% measurement of baryon acoustic oscillation distance scale at redshift 0.835. <i>Physical Review D</i> , 2022, 105, .	1.6	36

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145	Constraining black hole mass measurements with the Australian Dark Energy Survey (OzDES). Monthly Notices of the Royal Astronomical Society, 2019, 487, 3650-3663.	1.6	35
146	Dark Energy Survey Year 1 results: Methodology and projections for joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. Physical Review D, 2019, 99, .	1.6	35
147	Dark Energy Survey Year 3 Results: Deep Field optical+near-infrared images and catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3547-3579.	1.6	35
148	A Search for Kilonovae in the Dark Energy Survey. Astrophysical Journal, 2017, 837, 57.	1.6	34
149	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2871-2888.	1.6	34
150	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.	1.6	34
151	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. Physical Review D, 2021, 103, .	1.6	34
152	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2075-2104.	1.6	34
153	Chemical Abundance Analysis of Three α -poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I*. Astrophysical Journal, 2018, 852, 99.	1.6	33
154	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	3.0	33
155	Pushing automated morphological classifications to their limits with the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1927-1943.	1.6	33
156	MODELING THE TRANSFER FUNCTION FOR THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 801, 73.	1.6	32
157	Discovery of the Lensed Quasar System DES J0408-5354. Astrophysical Journal Letters, 2017, 838, L15.	3.0	32
158	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3573-3587.	1.6	32
159	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.	1.6	32
160	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	1.6	31
161	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.	1.6	31
162	Galaxy Populations in Massive Galaxy Clusters to $z = 1.1$: Color Distribution, Concentration, Halo Occupation Number and Red Sequence Fraction. Monthly Notices of the Royal Astronomical Society, 2017, 477, 175.	1.6	30

#	ARTICLE	IF	CITATIONS
163	Cosmological constraints from the convergence 1-point probability distribution. Monthly Notices of the Royal Astronomical Society, 2017, 472, 439-446.	1.6	30
164	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.	1.6	30
165	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.	1.6	29
166	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.	1.6	28
167	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. Astrophysical Journal Letters, 2017, 839, L15.	3.0	28
168	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. Astrophysical Journal, 2019, 872, 170.	1.6	28
169	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	28
170	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.	1.6	28
171	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.	1.6	28
172	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. Astrophysical Journal, 2019, 881, 118.	1.6	27
173	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2020, 247, 32.	3.0	27
174	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6010-6031.	1.6	27
175	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. Astronomical Journal, 2020, 160, 267.	1.9	27
176	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. Astrophysical Journal, Supplement Series, 2022, 258, 41.	3.0	27
177	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.	1.6	27
178	Dark Energy Survey Year-1 results: galaxy mock catalogues for BAO. Monthly Notices of the Royal Astronomical Society, 2018, 479, 94-110.	1.6	25
179	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. Astronomical Journal, 2016, 151, 157.	1.9	24
180	HOLICOW – X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI2033a-4723. Monthly Notices of the Royal Astronomical Society, 2019, 490, 613-633.	1.6	24

#	ARTICLE	IF	CITATIONS
181	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	24
182	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.	1.6	24
183	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.	1.6	24
184	OzDES Reverberation Mapping Programme: the first Mgâ€™%<scp>i</scp> lags from 5 yr of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3771-3788.	1.6	24
185	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1300-1315.	1.6	24
186	Optical variability of quasars with 20-yr photometric light curves. Monthly Notices of the Royal Astronomical Society, 2022, 514, 164-184.	1.6	24
187	Galaxy bias from the Dark Energy Survey Science Verification data: combining galaxy density maps and weak lensing maps. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3203-3216.	1.6	23
188	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. Astrophysical Journal, 2018, 854, 37.	1.6	23
189	Cross-correlation redshift calibration without spectroscopic calibration samples in DES Science Verification Data. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2196-2208.	1.6	23
190	A catalogue of structural and morphological measurements for DES Y1. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2018-2040.	1.6	23
191	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.	1.6	23
192	Dark Energy Survey Year 3 results: Exploiting small-scale information with lensing shear ratios. Physical Review D, 2022, 105, .	1.6	23
193	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2807-2822.	1.6	22
194	Blinding multiprobe cosmological experiments. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4454-4470.	1.6	22
195	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. Astrophysical Journal, 2020, 900, 58.	1.6	22
196	Dark energy survey year 3 results: High-precision measurement and modeling of galaxy-galaxy lensing. Physical Review D, 2022, 105, .	1.6	22
197	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	1.6	21
198	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. Astronomical Journal, 2017, 153, 107.	1.9	21

#	ARTICLE	IF	CITATIONS
199	Inference from the small scales of cosmic shear with current and future Dark Energy Survey data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2567-2583.	1.6	21
200	Weak lensing magnification in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1071-1085.	1.6	21
201	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3870-3883.	1.6	21
202	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.	1.6	21
203	Rates and delay times of type Ia supernovae in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	21
204	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	3.0	21
205	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. Astrophysical Journal, 2017, 843, 148.	1.6	20
206	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.	1.6	20
207	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.	1.6	20
208	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	1.6	20
209	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. Astrophysical Journal, 2021, 923, 37.	1.6	20
210	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. Astronomical Journal, 2016, 151, 39.	1.9	19
211	Star-galaxy classification in the Dark Energy Survey Y1 dataset. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	19
212	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2511-2524.	1.6	19
213	Producing a BOSS CMASS sample with DES imaging. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2887-2906.	1.6	19
214	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.	1.6	19
215	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.	1.6	19
216	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. Astronomical Journal, 2020, 159, 133.	1.9	19

#	ARTICLE	IF	CITATIONS
217	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 896, L13.	3.0	19
218	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. <i>Physical Review D</i> , 2022, 105, .	1.6	19
219	Models of the strongly lensed quasar DES J0408â”5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4038-4050.	1.6	18
220	Candidate massive galaxies at $z < 1.4$ in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3060-3081.	1.6	18
221	Spectral variability of a sample of extreme variability quasars and implications for the Mg broad-line region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5773-5787.	1.6	18
222	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021, 911, 109.	1.6	18
223	The first Hubble diagram and cosmological constraints using superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2535-2549.	1.6	18
224	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
225	Dark Energy Survey Year 3 results: galaxy halo connection from galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3119-3147.	1.6	18
226	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
227	Optical 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.	1.6	17
228	A tight-coupling scheme sharing minimum information across a spatial interface between gyrokinetic turbulence codes. <i>Physics of Plasmas</i> , 2018, 25, 072308.	0.7	17
229	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
230	Evidence for color dichotomy in the primordial Neptunian Trojan population. <i>Icarus</i> , 2019, 321, 426-435.	1.1	17
231	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
232	Joint analysis of galaxy-galaxy lensing and galaxy clustering: Methodology and forecasts for Dark Energy Survey. <i>Physical Review D</i> , 2016, 94, .	1.6	16
233	Canopus: A Paradigm Shift Towards Elastic Extreme-Scale Data Analytics on HPC Storage. , 2017, , .		16
234	DES science portal: Computing photometric redshifts. <i>Astronomy and Computing</i> , 2018, 25, 58-80.	0.8	16

#	ARTICLE	IF	CITATIONS
235	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign. II. New quasar lenses from double component fitting.. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	16
236	Cosmological lensing ratios with DES Y1, SPT, and Planck. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1363-1379.	1.6	16
237	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. Astronomical Journal, 2019, 158, 16.	1.9	16
238	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.	1.6	16
239	Detection of Cross-Correlation between Gravitational Lensing and $\langle \mathbf{m}_i \rangle^3$ Rays. Physical Review Letters, 2020, 124, 101102.	2.9	16
240	DES Y1 results: Splitting growth and geometry to test $\langle \mathbf{m}_i \rangle$ CDM. Physical Review D, 2021, 103, .	1.6	16
241	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and <i>Planck</i> thermal Sunyaev-Zel'dovich effect observations. I. Measurements, systematics tests, and feedback model constraints. Physical Review D, 2022, 105, .	1.6	16
242	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. Astrophysical Journal, 2022, 932, 128.	1.6	16
243	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.	1.6	15
244	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.	1.6	15
245	The WaZP galaxy cluster sample of the dark energy survey year 1. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4435-4456.	1.6	15
246	BAO from angular clustering: optimization and mitigation of theoretical systematics. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3031-3051.	1.6	14
247	Galaxy bias from galaxyâ€“galaxy lensing in the DES science verification data. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1667-1684.	1.6	14
248	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. Astrophysical Journal Letters, 2019, 873, L24.	3.0	14
249	Consistency of cosmic shear analyses in harmonic and real space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3796-3817.	1.6	14
250	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. Astrophysical Journal, 2021, 916, 81.	1.6	14
251	The DES view of the Eridanus supervoid and the CMB cold spot. Monthly Notices of the Royal Astronomical Society, 2021, 510, 216-229.	1.6	14
252	Measuring linear and non-linear galaxy bias using counts-in-cells in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1435-1451.	1.6	13

#	ARTICLE	IF	CITATIONS
253	Comparing Dark Energy Survey and HST 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.	1.6	12
254	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. Physical Review Letters, 2019, 123, 181301.	2.9	12
255	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. Monthly Notices of the Royal Astronomical Society, 2020, 498, 771-798.	1.6	12
256	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4860-4892.	1.6	12
257	Spatial coupling of gyrokinetic simulations, a generalized scheme based on first-principles. Physics of Plasmas, 2021, 28, .	0.7	12
258	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
259	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
260	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. Astronomical Journal, 2018, 156, 273.	1.9	11
261	A Codesign Framework for Online Data Analysis and Reduction. , 2019, , .		11
262	Monte Carlo control loops for cosmic shear cosmology with DES Year 1 data. Physical Review D, 2020, 101, .	1.6	11
263	The Exascale Framework for High Fidelity coupled Simulations (EFFIS): Enabling whole device modeling in fusion science. International Journal of High Performance Computing Applications, 2022, 36, 106-128.	2.4	11
264	OzDES reverberation mapping program: Lag recovery reliability for 6-yr C&S analysis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4008-4023.	1.6	11
265	The Observed Evolution of the Stellar Mass-Halo Mass Relation for Brightest Central Galaxies. Astrophysical Journal, 2022, 928, 28.	1.6	11
266	DES15E2mlf: A Spectroscopically Confirmed Superluminous Supernova that Exploded 3.5 Gyr After the Big Bang. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	10
267	UV-luminous, star-forming hosts of $z \sim 2$ reddened quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3682-3699.	1.6	10
268	Noise from undetected sources in Dark Energy Survey images. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2529-2539.	1.6	10
269	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408+5354 and WGD 2038+4008. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3241-3274.	1.0	10
270	Spatial core-edge coupling of the particle-in-cell gyrokinetic codes GEM and XGC. Physics of Plasmas, 2020, 27, 122510.	0.7	10

#	ARTICLE	IF	CITATIONS
271	Optical follow-up of gravitational wave triggers with DECam during the first two LIGO/VIRGO observing runs. <i>Astronomy and Computing</i> , 2020, 33, 100425.	0.8	9
272	First coupled GENEâ€“XGC microturbulence simulations. <i>Physics of Plasmas</i> , 2021, 28, 012303.	0.7	9
273	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4982-4996.	1.6	9
274	Finding quadruply imaged quasars with machine learning â€“ I. Methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2407-2421.	1.6	9
275	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022, 929, 115.	1.6	9
276	Photometric redshifts and clustering of emission line galaxies selected jointly by DES and eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2771-2790.	1.6	8
277	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data â€“ II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1-17.	1.6	8
278	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. <i>Astronomical Journal</i> , 2019, 157, 120.	1.9	8
279	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5662-5679.	1.6	8
280	\hat{M} masses: weak-lensing calibration of the Dark Energy Survey Year 1 redMaPPer clusters using stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5450-5467.	1.6	8
281	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 95-110.	1.6	8
282	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019, 883, 125.	1.6	8
283	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.	1.6	8
284	Dark Energy Survey Year 3 results: galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 778-799.	1.6	8
285	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022, 925, 118.	1.6	8
286	The dark energy survey 5-yr photometrically identified type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5159-5177.	1.6	8
287	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4389-4399.	1.6	7
288	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4051-4059.	1.6	7

#	ARTICLE	IF	CITATIONS
289	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022, 163, 146.	1.9	7
290	The Dark Energy Survey supernova program: cosmological biases from supernova photometric classification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 1106-1127.	1.6	7
291	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1308-1322.	1.6	6
292	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3636-3647.	1.6	6
293	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $\langle i \rangle \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1705-1723.	1.6	6
294	Galaxy-galaxy lensing with the DES-CMASS catalogue: measurement and constraints on the galaxy-matter cross-correlation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2033-2047.	1.6	6
295	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. <i>Astrophysical Journal</i> , 2022, 933, 134.	1.6	6
296	DES science portal: Creating science-ready catalogs. <i>Astronomy and Computing</i> , 2018, 24, 52-69.	0.8	5
297	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5576-5589.	1.6	5
298	Galaxy clustering in harmonic space from the dark energy survey year 1 data: compatibility with real-space results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5714-5724.	1.6	5
299	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022, 927, 109.	1.6	5
300	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3950-3967.	1.6	4
301	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014501.	1.0	4
302	Processing Full-Scale Square Kilometre Array Data on the Summit Supercomputer. , 2020, , .		4
303	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 27.	3.0	4
304	Discovery of a $z \sim 0.65$ post-starburst BAL quasar in the DES supernova fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3682-3688.	1.6	3
305	Increasing the census of ultracool dwarfs in wide binary and multiple systems using Dark Energy Survey DR1 and Gaia DR2 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5302-5317.	1.6	3
306	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4696-4717.	1.6	3

#	ARTICLE	IF	CITATIONS
307	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
308	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". Icarus, 2019, 334, 79-88.	1.1	1
309	A codesign framework for online data analysis and reduction. Concurrency Computation Practice and Experience, 0, , e6519.	1.4	1
310	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