

Gregory Tarl

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

10,870
citations

50
h-index

93
g-index

306
ext. papers

13,949
ext. citations

4.9
avg, IF

4.53
L-index

#	Paper	IF	Citations
280	THE DARK ENERGY CAMERA. <i>Astronomical Journal</i> , 2015 , 150, 150	4.9	524
279	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2018 , 98,	4.9	522
278	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	7.9	468
277	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015 , 807, 50	4.7	390
276	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015 , 813, 109	4.7	329
275	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 239, 18	8	313
274	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , 2018 , 98,	4.9	300
273	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	7.9	295
272	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2017 , 834, 110	4.7	249
271	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 1	8	176
270	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 33	8	150
269	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018 , 862, 114	4.7	141
268	Dark Energy Survey Year 1 Results: A Precise H0 Estimate from DES Y1, BAO, and D/H Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3879-3888	4.3	136
267	Photometric redshift analysis in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 1482-1506	4.3	135
266	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 592-610	4.3	118
265	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019 , 872, L30	7.9	113
264	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015 , 808, 95	4.7	110

263	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI-LAT DATA. <i>Astrophysical Journal Letters</i> , 2015 , 809, L4	7.9	110
262	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 2245-2281	4.3	107
261	Dark Energy Survey Year 1 results: weak lensing shape catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 1149-1182	4.3	103
260	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015 , 150, 172	4.9	101
259	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II. <i>Astrophysical Journal</i> , 2017 , 838, 8	4.7	93
258	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 2184-2196	4.3	93
257	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	4.3	93
256	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	7.9	91
255	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015 , 150, 82	4.9	91
254	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408B354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 6072-6102	4.3	83
253	Anr-process Enhanced Star in the Dwarf Galaxy Tucana III. <i>Astrophysical Journal</i> , 2017 , 838, 44	4.7	81
252	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020 , 102,	4.9	77
251	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 894-917	4.3	77
250	Constraints on the richness-mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 2305-2319	4.3	75
249	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 4899-4920	4.3	74
248	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. <i>Physical Review D</i> , 2018 , 98,	4.9	74
247	Detection of the kinematic Sunyaev-Zel'dovich effect with DES Year 1 and SPT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 3172-3193	4.3	68
246	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III. <i>Astrophysical Journal</i> , 2017 , 838, 11	4.7	66

- 245 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 4.3 66
- 244 New limit on the low-energy antiproton/proton ratio in the Galactic cosmic radiation. *Physical Review Letters*, **1988**, 61, 145-148 7.4 66
- 243 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 4.3 63
- 242 Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 746-759 4.3 60
- 241 Cosmic ray positrons at high energies: A new measurement. *Physical Review Letters*, **1995**, 75, 390-393 7.4 60
- 240 OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. *Monthly Notices of the Royal Astronomical Society*, **2015**, 452, 3047-3063 4.3 59
- 239 Weak lensing by galaxy troughs in DES Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2016**, 455, 3367-3380 4.3 56
- 238 The SPTpol Extended Cluster Survey. *Astrophysical Journal, Supplement Series*, **2020**, 247, 25 8 56
- 237 VDES J23255229 $z = 2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4325-4334 4.3 54
- 236 Dark Energy Survey Year 1 results: cross-correlation redshifts [methods and systematics characterization]. *Monthly Notices of the Royal Astronomical Society*, **2018**, 477, 1664-1682 4.3 53
- 235 A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. *Astrophysical Journal Letters*, **2016**, 823, L33 7.9 53
- 234 Dark Energy Survey year 1 results: Galaxy-galaxy lensing. *Physical Review D*, **2018**, 98, 4.9 53
- 233 First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. *Astrophysical Journal*, **2019**, 874, 150 4.7 52
- 232 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 4.7 52
- 231 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 4.3 51
- 230 Cosmological Constraints from Multiple Probes in the Dark Energy Survey. *Physical Review Letters*, **2019**, 122, 171301 7.4 50
- 229 Forward Global Photometric Calibration of the Dark Energy Survey. *Astronomical Journal*, **2018**, 155, 41 4.9 50
- 228 Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at 0.2. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 3072-3099 4.3 50

227	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021 , 126, 091101	7.4	49
226	DES J0454-4448: discovery of the first luminous $z \sim 6$ quasar from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 3952-3961	4.3	47
225	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 273-288	4.3	46
224	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018 , 864, 83	4.7	46
223	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25 . <i>Astrophysical Journal</i> , 2019 , 874, 165	4.7	45
222	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	4.3	45
221	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3165-3190	4.3	44
220	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 3	8	44
219	Three new VHSDES quasars at $z \sim 6.7$ – 6.5 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1874-1885	4.3	43
218	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020 , 893, 48	4.7	43
217	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. <i>Astrophysical Journal</i> , 2018 , 866, 22	4.7	43
216	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. <i>Physical Review D</i> , 2015 , 92,	4.9	42
215	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. <i>Astrophysical Journal Letters</i> , 2018 , 852, L3	7.9	42
214	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	4.3	41
213	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	4.3	40
212	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 226, 24	8	40
211	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \sim 1.2$. <i>Astrophysical Journal</i> , 2016 , 816, 98	4.7	39
210	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	4.3	39

209	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 1260-1265	4.3	38
208	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , 2016 , 820, 58	4.7	38
207	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2215-2241	4.3	37
206	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1171-1187	4.3	37
205	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , 2017 , 849, L34	7.9	37
204	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016 , 826, L29	7.9	37
203	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 93-100	4.3	36
202	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , 2016 , 152, 154	4.9	36
201	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	8	34
200	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	4.7	34
199	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5330-5349	4.3	34
198	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. <i>Physical Review Letters</i> , 2015 , 115, 051301	7.4	34
197	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	4.3	34
196	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 2427-2443	4.3	34
195	Optimizing automatic morphological classification of galaxies with machine learning and deep learning using Dark Energy Survey imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 4209-4228	4.3	33
194	Dark Energy Survey Year 1 results: the impact of galaxy neighbours on weak lensing cosmology with im3shape. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 4524-4543	4.3	33
193	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	8	33
192	The LMC geometry and outer stellar populations from early DES data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1129-1145	4.3	33

191	Cosmology from large-scale galaxy clustering and galaxy lensing with Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 4045-4062	4.3	32
190	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	4.3	32
189	Modelling the Tucana III stream in a close passage with the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	32
188	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017 , 837, 57	4.7	31
187	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	4.3	31
186	Imprint of DES superstructures on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 4166-4179	4.3	31
185	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 97-108	4.3	31
184	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018 , 862, 123	4.7	31
183	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017 , 838, L15	7.9	30
182	MODELING THE TRANSFER FUNCTION FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015 , 801, 73	4.7	30
181	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy. <i>Astrophysical Journal</i> , 2019 , 882, 177	4.7	30
180	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5453-5482	4.3	30
179	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign II. Overview and classification of candidates selected by two techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 1041-1054	4.3	30
178	DES meets Gaia: discovery of strongly lensed quasars from a multiplet search. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4345-4354	4.3	30
177	Galaxy lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 4204-4218	4.3	29
176	A stellar overdensity associated with the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 1349-1360	4.3	29
175	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUS/PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016 , 817, 135	4.7	29
174	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2578-2593	4.3	28

173	Astrometric Calibration and Performance of the Dark Energy Camera. <i>Publications of the Astronomical Society of the Pacific</i> , 2017 , 129, 074503	5	27
172	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 18	8	27
171	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 2871-2888	4.3	27
170	A new RASS galaxy cluster catalogue with low contamination extending to $z \sim 1$ in the DES overlap region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 739-769	4.3	26
169	Chemical Abundance Analysis of Three α -poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I. <i>Astrophysical Journal</i> , 2018 , 852, 99	4.7	26
168	The Clustering of DESI-like Luminous Red Galaxies Using Photometric Redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	26
167	A measurement of CMB cluster lensing with SPT and DES year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 2674-2688	4.3	25
166	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 4614-4635	4.3	25
165	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , 2017 , 839, L15	7.9	24
164	More out of less: an excess integrated Sachs-Wolfe signal from supervoids mapped out by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5267-5277	4.3	24
163	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	7.9	24
162	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 24	8	24
161	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V. <i>Astrophysical Journal</i> , 2020 , 892, 137	4.7	23
160	Dark Energy Survey Year 1 results: Methodology and projections for joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. <i>Physical Review D</i> , 2019 , 99,	4.9	23
159	Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. <i>European Physical Journal C</i> , 2002 , 26, 163-172	4.2	22
158	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. <i>Physical Review Letters</i> , 2021 , 126, 141301	7.4	22
157	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 255, 20	8	22
156	C 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	4.3	21

155	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. <i>Astrophysical Journal</i> , 2019 , 872, 170	4.7	21
154	On the relative bias of void tracers in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2836-2852	4.3	21
153	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	4.3	21
152	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. <i>Astronomical Journal</i> , 2016 , 151, 157	4.9	21
151	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. <i>Astrophysical Journal</i> , 2018 , 854, 37	4.7	20
150	Search for RR Lyrae stars in DES ultrafaint systems: Grus \square , Kim \square , Phoenix \square , and Grus \square . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 2183-2199	4.3	20
149	A DARK ENERGY CAMERA SEARCH FOR MISSING SUPERGIANTS IN THE LMC AFTER THE ADVANCED LIGO GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L34	7.9	20
148	Dark Energy Survey Year-1 results: galaxy mock catalogues for BAO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 94-110	4.3	19
147	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 3324-3343	4.3	19
146	The evolution of active galactic nuclei in clusters of galaxies from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2531-2539	4.3	18
145	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	4.3	18
144	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. <i>Astronomical Journal</i> , 2016 , 151, 39	4.9	18
143	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	4.3	18
142	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. <i>Astrophysical Journal</i> , 2019 , 881, 118	4.7	18
141	Cross-correlation redshift calibration without spectroscopic calibration samples in DES Science Verification Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 2196-2208	4.3	18
140	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017 , 153, 107	4.9	17
139	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 246, 16	8	17
138	Dark energy survey year 3 results: weak lensing shape catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4312-4336	4.3	17

137	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA. <i>Astrophysical Journal</i> , 2016 , 827, 51	4.7	17
136	HOLICOW IX. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 20338723. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 613-633	4.3	16
135	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2019 , 875, L13	7.9	16
134	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 32	8	16
133	Weak lensing magnification in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 1071-1085	4.3	16
132	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. <i>Astrophysical Journal</i> , 2020 , 901, 83	4.7	16
131	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	4.3	16
130	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 2807-2822	4.3	16
129	Star-galaxy classification in the Dark Energy Survey Y1 dataset. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	16
128	Models of the strongly lensed quasar DES J04085354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 4038-4050	4.3	15
127	A catalogue of structural and morphological measurements for DES Y1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 2018-2040	4.3	15
126	Blinding multiprobe cosmological experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4454-4470	4.3	15
125	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps & validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4060-4087	4.3	15
124	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 69-87	4.3	14
123	Dark Energy Survey year 3 results: point spread function modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1282-1299	4.3	14
122	Imaging systematics and clustering of DESI main targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 2262-2291	4.3	14
121	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	4.3	14
120	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. <i>Physical Review D</i> , 2021 , 103,	4.9	14

119	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. <i>Physical Review D</i> , 2021 , 103,	4.9	14
118	First cosmology results using Type IA supernovae from the dark energy survey: effects of chromatic corrections to supernova photometry on measurements of cosmological parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5329-5344	4.3	13
117	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2511-2524	4.3	13
116	Producing a BOSS CMASS sample with DES imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2887-2906	4.3	13
115	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	4.3	13
114	Optical β scaling relations for DES optically selected clusters within the SPT-SZ Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 3347-3360	4.3	13
113	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. <i>Astronomical Journal</i> , 2020 , 159, 133	4.9	13
112	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 4861-4876	4.3	13
111	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3870-3883	4.3	12
110	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. <i>Astronomical Journal</i> , 2019 , 158, 16	4.9	12
109	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2019 , 873, L24	7.9	12
108	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	4.3	12
107	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. <i>Astrophysical Journal</i> , 2017 , 843, 148	4.7	12
106	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	12
105	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	4.3	12
104	Evidence for color dichotomy in the primordial Neptunian Trojan population. <i>Icarus</i> , 2019 , 321, 426-435	3.8	12
103	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	4.3	12
102	DES science portal: Computing photometric redshifts. <i>Astronomy and Computing</i> , 2018 , 25, 58-80	2.4	12

101	Galaxy bias from galaxy-galaxy lensing in the DES science verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 1667-1684	4.3	12
100	Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1363-1379	4.3	11
99	Correcting for fibre assignment incompleteness in the DESI Bright Galaxy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 1285-1300	4.3	11
98	Comparing Dark Energy Survey and HST-FLASH observations of the galaxy cluster RXC J2248.7-431: implications for stellar mass versus dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 1486-1499	4.3	11
97	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	4.3	11
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	4.3	11
95	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. <i>Astronomical Journal</i> , 2018 , 156, 273	4.9	11
94	Unbiased clustering estimates with the DESI fibre assignment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 2338-2348	4.3	11
93	A joint SZ-X-ray-optical analysis of the dynamical state of 288 massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 705-725	4.3	10
92	Detection of Cross-Correlation between Gravitational Lensing and γ -Rays. <i>Physical Review Letters</i> , 2020 , 124, 101102	7.4	10
91	LyaCoLoRe: synthetic datasets for current and future Lyman- α -Forest BAO surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020 , 2020, 068-068	6.4	10
90	UV-luminous, star-forming hosts of $z \sim 2$ reddened quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3682-3699	4.3	10
89	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 3341-3354	4.3	10
88	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020 , 160, 267	4.9	10
87	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	4.3	10
86	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 6179-6194	4.3	10
85	Measuring linear and non-linear galaxy bias using counts-in-cells in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 1435-1451	4.3	10
84	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign III. New quasar lenses from double component fitting. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	10

83	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. <i>Astrophysical Journal</i> , 2019 , 876, 15	4.7	9
82	Noise from undetected sources in Dark Energy Survey images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 2529-2539	4.3	9
81	Dark Energy Survey Year 3 Results: Deep Field optical + near-infrared images and catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	9
80	Pushing automated morphological classifications to their limits with the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 1927-1943	4.3	9
79	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	4.3	9
78	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2688-2705	4.3	9
77	BAO from angular clustering: optimization and mitigation of theoretical systematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3031-3051	4.3	9
76	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> ,	4.3	9
75	The Curious Case of PHL 293B: A Long-lived Transient in a Metal-poor Blue Compact Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2020 , 894, L5	7.9	8
74	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. <i>Physical Review Letters</i> , 2019 , 123, 181301	7.4	8
73	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis. <i>Astrophysical Journal</i> , 2020 , 897, 183	4.7	8
72	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020 , 900, 58	4.7	8
71	Preliminary Target Selection for the DESI Milky Way Survey (MWS). <i>Research Notes of the AAS</i> , 2020 , 4, 188	0.8	8
70	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). <i>Research Notes of the AAS</i> , 2020 , 4, 187	0.8	8
69	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	4.3	8
68	The first Hubble diagram and cosmological constraints using superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 2535-2549	4.3	8
67	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 771-798	4.3	7
66	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	4.3	7

65	Dark Energy Survey Year 3 Results: Clustering redshifts I calibration of the weak lensing source redshift distributions with redMaGiC and BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	7
64	Preliminary Target Selection for the DESI Luminous Red Galaxy (LRG) Sample. <i>Research Notes of the AAS</i> , 2020 , 4, 181	0.8	7
63	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	4.3	7
62	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	7
61	Modelling the Milky Way II. 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	4.3	7
60	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	2.4	7
59	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021 , 911, 109	4.7	7
58	DES Y1 results: Splitting growth and geometry to test Λ CDM. <i>Physical Review D</i> , 2021 , 103,	4.9	7
57	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	4.3	6
56	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data III. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 1-17	4.3	6
55	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	8	6
54	C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021 , 921, L37	7.9	6
53	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019 , 883, 125	4.7	6
52	Preliminary Target Selection for the DESI Quasar (QSO) Sample. <i>Research Notes of the AAS</i> , 2020 , 4, 179	0.8	6
51	OzDES Reverberation Mapping Programme: the first Mg II lags from 5 yr of monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3771-3788	4.3	6
50	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	4.3	5
49	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 95-110	4.3	5
48	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	4.3	5

47	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	7.9	5
46	Preliminary Target Selection for the DESI Emission Line Galaxy (ELG) Sample. <i>Research Notes of the AAS</i> , 2020 , 4, 180	0.8	5
45	Consistency of cosmic shear analyses in harmonic and real space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3796-3817	4.3	5
44	Exploring the contamination of the DES-Y1 cluster sample with SPT-SZ selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1253-1272	4.3	5
43	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. <i>Astronomical Journal</i> , 2019 , 157, 120	4.9	4
42	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	4.3	4
41	Cosmologically Coupled Compact Objects: A Single-parameter Model for LIGO/Virgo Mass and Redshift Distributions. <i>Astrophysical Journal Letters</i> , 2021 , 921, L22	7.9	4
40	σ_8 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	4.3	4
39	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	4.3	4
38	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4425-4444	4.3	4
37	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	4.3	4
36	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J04083354 and WGD 20380008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 3241-3274	4.3	3
35	Discovery of a $z \approx 0.65$ post-starburst BAL quasar in the DES supernova fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 3682-3688	4.3	3
34	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. <i>Astrophysical Journal</i> , 2020 , 903, 75	4.7	3
33	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
32	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	5	3
31	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	4.3	3
30	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021 , 916, 81	4.7	3

29	A machine learning approach to galaxy properties: joint redshift and stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2770-2786	4.3	3
28	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5576-5589	4.3	2
27	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4051-4059	4.3	2
26	Energy loss of supermassive magnetic monopoles and dyons in main sequence stars. <i>Physical Review D</i> , 1997 , 55, 6584-6590	4.9	2
25	Antiparticles. <i>Space Science Reviews</i> , 2001 , 99, 95-104	7.5	2
24	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	4.3	2
23	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	4.3	2
22	The DESI spectrograph system and production 2018 ,		2
21	Baryon acoustic oscillations in the projected cross-correlation function between the eBOSS DR16 quasars and photometric galaxies from the DESI Legacy Imaging Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2562-2582	4.3	2
20	Reducing Ground-based Astrometric Errors with Gaia and Gaussian Processes. <i>Astronomical Journal</i> , 2021 , 162, 106	4.9	2
19	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 5758-5779	4.3	2
18	The Observed Evolution of the Stellar Mass Halo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , 2022 , 928, 28	4.7	2
17	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	4.3	2
16	Lensing without borders II. A blind comparison of the amplitude of galaxy-galaxy lensing between independent imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 6150-6189	4.3	2
15	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". <i>Icarus</i> , 2019 , 334, 79-88	3.8	1
14	Balloon observations of galactic cosmic ray helium before and during a Forbush decrease. <i>Geophysical Research Letters</i> , 1993 , 20, 1743-1746	4.9	1
13	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 15	8	1
12	Dark Energy Survey Year 3 results: galaxy halo connection from galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 509, 3119-3147	4.3	1

11	Dark energy survey year 3 results: Galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	1
10	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	4-3	1
9	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3950-3967	4-3	1
8	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	4-3	1
7	Comprehensive Measurements of the Volume-phase Holographic Gratings for the Dark Energy Spectroscopic Instrument. <i>Astrophysical Journal</i> , 2018 , 869, 24	4-7	1
6	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022 , 929, 115	4-7	1
5	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022 , 925, 118	4-7	0
4	Deep Learning of Dark Energy Spectroscopic Instrument Mock Spectra to Find Damped Ly α Systems. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 28	8	0
3	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	8	0
2	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022 , 163, 146	4-9	0
1	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022 , 927, 109	4-7	0