

Matias Carrasco Kind

List of Publications by Year in Descending Order

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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.

308
papers

12,159
citations

54
h-index

97
g-index

330
ext. papers

15,817
ext. citations

5
avg, IF

5.36
L-index

#	Paper	IF	Citations
308	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022 , 925, 118	4.7	0
307	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 15	8	1
306	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. <i>Physical Review D</i> , 2022 , 105,	4.9	12
305	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022 , 105,	4.9	40
304	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
303	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
302	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022 , 105,	4.9	13
301	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
300	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,	4.9	4
299	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
298	The Observed Evolution of the Stellar Mass-Bhalo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , 2022 , 928, 28	4.7	2
297	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022 , 163, 146	4.9	0
296	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022 , 927, 109	4.7	0
295	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
294	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022 , 929, 115	4.7	1
293	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. <i>Physical Review D</i> , 2022 , 105,	4.9	0
292	C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021 , 921, L37	7.9	6

291	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
290	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
289	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
288	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
287	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
286	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
285	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021 , 126, 091101	7.4	49
284	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. <i>Planetary Science Journal</i> , 2021 , 2, 59	2.9	9
283	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021 , 911, 109	4.7	7
282	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
281	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
280	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
279	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
278	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3950-3967	4.3	1
277	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 24	8	24
276	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
275	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
274	Constraints on dark matter to dark radiation conversion in the late universe with DES-Y1 and external data. <i>Physical Review D</i> , 2021 , 103,	4.9	6

273	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
272	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
271	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
270	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 255, 20	8	22
269	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021 , 916, 81	4.7	3
268	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 1479-1489	4.2	45
267	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
266	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
265	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
264	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. <i>Physical Review D</i> , 2021 , 103,	4.9	14
263	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
262	GHOST: Using Only Host Galaxy Information to Accurately Associate and Distinguish Supernovae. <i>Astrophysical Journal</i> , 2021 , 908, 170	4.7	6
261	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
260	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
259	Survey2Survey: a deep learning generative model approach for cross-survey image mapping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 777-796	4.3	2
258	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 3	8	44
257	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
256	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

255	DES Y1 results: Splitting growth and geometry to test Λ CDM. <i>Physical Review D</i> , 2021 , 103,	4.9	7
254	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021 , 923, 37	4.7	3
253	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
252	Perturbation theory for modeling galaxy bias: Validation with simulations of the Dark Energy Survey. <i>Physical Review D</i> , 2020 , 102,	4.9	8
251	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
250	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
249	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
248	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
247	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J04085354 and WGD 20384008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 3241-3274	4.3	3
246	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
245	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J04085354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 6072-6102	4.3	83
244	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
243	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $z \lesssim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1705-1723	4.3	5
242	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
241	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5576-5589	4.3	2
240	A joint SZ γ -ray γ 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
239	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
238	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 95-110	4.3	5

237	Detection of Cross-Correlation between Gravitational Lensing and IRays. <i>Physical Review Letters</i> , 2020 , 124, 101102	7.4	10
236	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
235	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020 , 102,	4.9	77
234	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
233	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
232	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	4.7	52
231	Monte Carlo control loops for cosmic shear cosmology with DES Year 1 data. <i>Physical Review D</i> , 2020 , 101,	4.9	7
230	The Diffuse Light Envelope of Luminous Red Galaxies. <i>Research Notes of the AAS</i> , 2020 , 4, 174	0.8	
229	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. <i>Astronomical Journal</i> , 2020 , 159, 133	4.9	13
228	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
227	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
226	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
225	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020 , 900, 58	4.7	8
224	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
223	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
222	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 25	8	56
221	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
220	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

219	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
218	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
217	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
216	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
215	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
214	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
213	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
212	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
211	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
210	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
209	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
208	Blinding multiprobe cosmological experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4454-4470	4-3	15
207	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4769-4786	4-3	11
206	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
205	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
204	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
203	Probabilistic cosmic web classification using fast-generated training data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 5041-5060	4-3	5
202	□ 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

201	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
200	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
199	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
198	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
197	HOLICOW IX. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 20334-723. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 613-633	4.3	16
196	Enabling real-time multi-messenger astrophysics discoveries with deep learning. <i>Nature Reviews Physics</i> , 2019 , 1, 600-608	23.6	28
195	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
194	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
193	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
192	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
191	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
190	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
189	Three new VHS-DES quasars at $z \sim 6.7$ – 6.5 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1874-1885	4.3	43
188	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
187	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
186	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. <i>Astrophysical Journal</i> , 2019 , 876, 15	4.7	9
185	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
184	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2019 , 99,	4.9	89

183	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2019 , 875, L13	7.9	16
182	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
181	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25 . <i>Astrophysical Journal</i> , 2019 , 874, 165	4.7	45
180	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
179	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
178	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
177	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019 , 122, 171301	7.4	50
176	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
175	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
174	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
173	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
172	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
171	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , 2019 , 874, 150	4.7	52
170	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
169	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
168	Dark Energy Survey Year 1 Results: Cross-correlation between Dark Energy Survey Y1 galaxy weak lensing and South Pole Telescope+Planck CMB weak lensing. <i>Physical Review D</i> , 2019 , 100,	4.9	10
167	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,	4.9	27
166	Dark Energy Survey Year 1 Results: Tomographic cross-correlations between Dark Energy Survey galaxies and CMB lensing from South Pole Telescope+Planck. <i>Physical Review D</i> , 2019 , 100,	4.9	19

165	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
164	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
163	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4866-4883	4.3	63
162	Constraints on the redshift evolution of astrophysical feedback with Sunyaev-Zeldovich effect cross-correlations. <i>Physical Review D</i> , 2019 , 100,	4.9	15
161	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 4779-4800	4.3	51
160	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
159	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
158	Search for RR Lyrae stars in DES ultrafaint systems: Grus I, Kim I, Phoenix I, and Grus II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 2183-2199	4.3	20
157	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
156	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. <i>Physical Review Letters</i> , 2019 , 123, 181301	7.4	8
155	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
154	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". <i>Icarus</i> , 2019 , 334, 79-88	3.8	1
153	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
152	Producing a BOSS CMASS sample with DES imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2887-2906	4.3	13
151	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
150	easyaccess: Enhanced SQL command line interpreter for astronomical surveys. <i>Journal of Open Source Software</i> , 2019 , 4, 1022	5.2	8
149	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019 , 883, 125	4.7	6
148	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

147	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
146	Evidence for color dichotomy in the primordial Neptunian Trojan population. <i>Icarus</i> , 2019 , 321, 426-435	3-8	12
145	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
144	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
143	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
142	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
141	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
140	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018 , 854, 160	4-7	59
139	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 33	8	150
138	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
137	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. <i>Astrophysical Journal</i> , 2018 , 854, 37	4-7	20
136	Chemical Abundance Analysis of Three Metal-poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I. <i>Astrophysical Journal</i> , 2018 , 852, 99	4-7	26
135	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
134	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018 , 155, 41	4-9	50
133	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
132	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
131	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
130	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

129	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
128	Dark Energy Survey Year 1 results: cross-correlation redshifts [methods and systematics characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1664-1682	4-3	53
127	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
126	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. <i>Astronomical Journal</i> , 2018 , 156, 81	4-9	34
125	Density split statistics: Joint model of counts and lensing in cells. <i>Physical Review D</i> , 2018 , 98,	4-9	39
124	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018 , 862, 114	4-7	141
123	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2018 , 98,	4-9	522
122	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , 2018 , 98,	4-9	300
121	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
120	DES science portal: Creating science-ready catalogs. <i>Astronomy and Computing</i> , 2018 , 24, 52-69	2-4	5
119	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
118	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018 , 862, 123	4-7	31
117	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 894-917	4-3	77
116	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 239, 18	8	313
115	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. <i>Astronomical Journal</i> , 2018 , 156, 273	4-9	11
114	Modelling the Tucana III stream [a close passage with the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4-3	32
113	Survey geometry and the internal consistency of recent cosmic shear measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4998-5004	4-3	58
112	The Dark Energy Survey Image Processing Pipeline. <i>Publications of the Astronomical Society of the Pacific</i> , 2018 , 130, 074501	5	111

111	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
110	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
109	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
108	Density split statistics: Cosmological constraints from counts and lensing in cells in DES Y1 and SDSS data. <i>Physical Review D</i> , 2018 , 98,	4.9	53
107	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
106	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
105	DES science portal: Computing photometric redshifts. <i>Astronomy and Computing</i> , 2018 , 25, 58-80	2.4	12
104	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
103	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. <i>Astronomy and Astrophysics</i> , 2018 , 609, A71	5.1	43
102	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018 , 864, 83	4.7	46
101	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
100	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. <i>Physical Review D</i> , 2018 , 98,	4.9	53
99	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. <i>Physical Review D</i> , 2018 , 98,	4.9	74
98	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
97	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
96	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
95	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
94	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2017 , 834, 110	4.7	249

93	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
92	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017 , 837, 57	4.7	31
91	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , 2017 , 839, L15	7.9	24
90	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 746-759	4.3	60
89	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. <i>Astronomical Journal</i> , 2017 , 153, 107	4.9	17
88	Astrometric Calibration and Performance of the Dark Energy Camera. <i>Publications of the Astronomical Society of the Pacific</i> , 2017 , 129, 074503	5	27
87	Anr-process Enhanced Star in the Dwarf Galaxy Tucana III. <i>Astrophysical Journal</i> , 2017 , 838, 44	4.7	81
86	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III. <i>Astrophysical Journal</i> , 2017 , 838, 11	4.7	66
85	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II. <i>Astrophysical Journal</i> , 2017 , 838, 8	4.7	93
84	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	4.3	32
83	Models of the strongly lensed quasar DES J04085354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 4038-4050	4.3	15
82	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017 , 838, L15	7.9	30
81	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017 , 551, 85-88	50.4	413
80	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
79	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
78	Solar system astrometry, Gaia, and the large surveys \rightarrow huge step ahead to stellar occultations by distant small solar system bodies. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 397-398 ^{0.1}		
77	VDES J23255229 $z=2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 4325-4334	4.3	54
76	Discovery of a $z=0.65$ 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

75	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
74	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
73	DES15E2mlf: A Spectroscopically Confirmed Superluminous Supernova that Exploded 3.5 Gyr After the Big Bang. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 ,	4-3	10
72	Galaxy-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
71	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
70	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
69	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	4-3	13
68	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
67	Vizic: A Jupyter-based interactive visualization tool for astronomical catalogs. <i>Astronomy and Computing</i> , 2017 , 20, 128-139	2-4	3
66	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
65	Environmental dependence of the galaxy stellar mass function in the Dark Energy Survey Science Verification Data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 228-247	4-3	19
64	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
63	Galaxy Populations in Massive Galaxy Clusters to $z = 1.1$: Color Distribution, Concentration, Halo Occupation Number and Red Sequence Fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx175	4-3	19
62	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
61	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
60	Eight new luminous $z \approx 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4702-4718	4-3	66
59	Inference from the small scales of cosmic shear with current and future Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2567-2583	4-3	16
58	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

57	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
56	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
55	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
54	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 2245-2281	4.3	107
53	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
52	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , 2016 , 152, 154	4.9	36
51	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. <i>Astrophysical Journal Letters</i> , 2016 , 818, L8	7.9	63
50	Weak lensing by galaxy troughs in DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 3367-3380	4.3	56
49	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	4.3	65
48	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	4.3	56
47	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
46	Crowdsourcing quality control for Dark Energy Survey images. <i>Astronomy and Computing</i> , 2016 , 16, 99-108	4.3	10
45	The Dark Energy Survey: more than dark energy – an overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 1270-1299	4.3	457
44	Galaxy clustering with photometric surveys using PDF redshift information. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 1293-1309	4.3	13
43	Galaxy bias from the Dark Energy Survey Science Verification data: combining galaxy density maps and weak lensing maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3203-3216	4.3	20
42	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. <i>Astronomical Journal</i> , 2016 , 151, 39	4.9	18
41	CMB lensing tomography with the DES Science Verification galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 3213-3244	4.3	79
40	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , 2016 , 820, 58	4.7	38

39	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 1431-1450	4.3	118
38	SDSS-IV eBOSS emission-line galaxy pilot survey. <i>Astronomy and Astrophysics</i> , 2016 , 592, A121	5.1	26
37	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	4.3	88
36	Physical properties of star clusters in the outer LMC as observed by the DES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 519-541	4.3	15
35	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
34	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , 2016 , 94,	4.9	113
33	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. <i>Physical Review D</i> , 2016 , 94,	4.9	89
32	Cosmic shear measurements with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , 2016 , 94,	4.9	70
31	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
30	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L33	7.9	53
29	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
28	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUS/PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016 , 817, 135	4.7	29
27	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 21-34	4.3	39
26	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 1	8	176
25	Joint analysis of galaxy-galaxy lensing and galaxy clustering: Methodology and forecasts for Dark Energy Survey. <i>Physical Review D</i> , 2016 , 94,	4.9	14
24	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
23	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
22	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

21	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. <i>Physical Review Letters</i> , 2015 , 115, 051301	7.4	34
20	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015 , 808, 95	4.7	110
19	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
18	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015 , 63, 81-100	2.4	50
17	A hybrid ensemble learning approach to star/galaxy classification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 507-521	4.3	27
16	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015 , 813, 109	4.7	329
15	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015 , 150, 172	4.9	101
14	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
13	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	4.3	59
12	Exhausting the information: novel Bayesian combination of photometric redshift PDFs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 3380-3399	4.3	46
11	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
10	SOMz: photometric redshift PDFs with self-organizing maps and random atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 3409-3421	4.3	64
9	Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 446, 2523-2539	4.3	28
8	Sparse representation of photometric redshift probability density functions: preparing for petascale astronomy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 3550-3561	4.3	13
7	TPZ: photometric redshift PDFs and ancillary information by using prediction trees and random forests. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 1483-1501	4.3	154
6	Dark Energy Survey Year 3 Results: Clustering redshifts & 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
5	Dark energy survey year 3 results: Galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
4	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

3	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
2	Rates and delay times of type Ia supernovae in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	5
1	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