Jorge Carretero Palacios

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.

302 papers	10,865 citations	52 h-index	90 g-index
327 ext. papers	14,439 ext. citations	5 avg, IF	4.87 L-index

#	Paper	IF	Citations
302	From the Fire: A Deeper Look at the Phoenix Stream. *Astrophysical Journal*, **2022**, 925, 118	4.7	0
301	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. *Astrophysical Journal, Supplement Series*, **2022**, 258, 15	8	1
300	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. *Physical Review D*, **2022**, 105,	4.9	12
299	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. *Physical Review D*, **2022**, 105,	4.9	40
298	Dark Energy Survey Year 3 results: marginalization over redshift distribution uncertainties using ranking of discrete realizations. *Monthly Notices of the Royal Astronomical Society*, **2022**, 511, 2170-2185	4.3	2
297	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. *Monthly Notices of the Royal Astronomical Society*, **2022**, 511, 2075-2104	4.3	2
296	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. *Physical Review D*, **2022**, 105,	4.9	13
295	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. *Astrophysical Journal, Supplement Series*, **2022**, 258, 41	8	6
294	Dark Energy Survey Year 3 results: A 2.7% measurement of baryon acoustic oscillation distance scale at redshift 0.835. *Physical Review D*, **2022**, 105,	4.9	4
293	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. *Astrophysical Journal, Supplement Series*, **2022**, 259, 27	8	0
292	The Evolution of AGN Activity in Brightest Cluster Galaxies. *Astronomical Journal*, **2022**, 163, 146	4.9	0
291	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. *Astrophysical Journal*, **2022**, 927, 109	4.7	0
290	Lensing without borders I. A blind comparison of the amplitude of galaxy–galaxy lensing between independent imaging surveys. *Monthly Notices of the Royal Astronomical Society*, **2022**, 510, 6150-6189	4.3	2
289	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. *Astrophysical Journal*, **2022**, 929, 115	4.7	1
288	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. *Physical Review D*, **2022**, 105,	4.9	0
287	C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. *Astrophysical Journal Letters*, **2021**, 921, L37	7.9	6
286	Dark Energy Survey Year 3 results: galaxy–halo connection from galaxy–galaxy lensing. *Monthly Notices of the Royal Astronomical Society*, **2021**, 509, 3119-3147	4.3	1

285	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. *Publications of the Astronomical Society of the Pacific*, **2021**, 133, 014501	5	3
284	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. *Monthly Notices of the Royal Astronomical Society*, **2021**, 501, 4861-4876	4.3	13
283	Pushing automated morphological classifications to their limits with the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 1927-1943	4.3	9
282	Consistency of cosmic shear analyses in harmonic and real space. *Monthly Notices of the Royal Astronomical Society*, **2021**, 503, 3796-3817	4.3	5
281	Exploring the contamination of the DES-Y1 cluster sample with SPT-SZ selected clusters. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 1253-1272	4.3	5
280	Constraints on Dark Matter Properties from Observations of Milky□Way Satellite Galaxies. *Physical Review Letters*, **2021**, 126, 091101	7.4	49
279	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. *Planetary Science Journal*, **2021**, 2, 59	2.9	9
278	Euclid preparation. *Astronomy and Astrophysics*, **2021**, 647, A117	5.1	1
277	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. *Astrophysical Journal*, **2021**, 911, 109	4.7	7
276	Dark energy survey year 3 results: weak lensing shape catalogue. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 4312-4336	4.3	17
275	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. *Physical Review Letters*, **2021**, 126, 141301	7.4	22
274	The first Hubble diagram and cosmological constraints using superluminous supernovae. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 2535-2549	4.3	8
273	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 4626-4645	4.3	9
272	Understanding the extreme luminosity of DES14X2fna. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 3950-3967	4.3	1
271	Euclid: Impact of non-linear and baryonic feedback prescriptions on cosmological parameter estimation from weak lensing cosmic shear. *Astronomy and Astrophysics*, **2021**, 649, A100	5.1	10
270	Euclid preparation: IX. EuclidEmulator2 □power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 2840-2869	4.3	10
269	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. *Astrophysical Journal, Supplement Series*, **2021**, 254, 24	8	24
268	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 2819-2839	4.3	3

267	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 4249-4277	4.3	18
266	Constraints on dark matter to dark radiation conversion in the late universe with DES-Y1 and external data. *Physical Review D*, **2021**, 103,	4.9	6
265	Galaxy clustering in harmonic space from the dark energy survey year 1 data: compatibility with real-space results. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 5714-5724	4.3	1
264	Assessing tension metrics with dark energy survey and Planck data. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 6179-6194	4.3	10
263	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 4425-4444	4.3	4
262	The Dark Energy Survey Data Release 2. *Astrophysical Journal, Supplement Series*, **2021**, 255, 20	8	22
261	The PAU survey: estimating galaxy photometry with deep learning. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 4048-4069	4.3	1
260	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. *Astrophysical Journal*, **2021**, 916, 81	4.7	3
259	A machine learning approach to galaxy properties: joint redshift–stellar mass probability distributions with Random Forest. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 2770-2786	4.3	3
258	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. *Astrophysical Journal, Supplement Series*, **2021**, 252, 18	8	27
257	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. *Monthly Notices of the Royal Astronomical Society*, **2021**, 503, 2688-2705	4.3	9
256	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. *Physical Review D*, **2021**, 103,	4.9	14
255	The WaZP galaxy cluster sample of the dark energy survey year 1. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 4435-4456	4.3	4
254	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. *Physical Review D*, **2021**, 103,	4.9	14
253	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev–Zel'dovich Galaxy Clusters. *Astrophysical Journal, Supplement Series*, **2021**, 253, 3	8	44
252	Reducing Ground-based Astrometric Errors with Gaia and Gaussian Processes. *Astronomical Journal*, **2021**, 162, 106	4.9	2
251	Euclid Preparation. XIV. The Complete Calibration of the Color–Redshift Relation (C3R2) Survey: Data Release 3. *Astrophysical Journal, Supplement Series*, **2021**, 256, 9	8	1
250	Euclid: Estimation of the Impact of Correlated Readout Noise for Flux Measurements with the Euclid NISP Instrument*. *Publications of the Astronomical Society of the Pacific*, **2021**, 133, 094502	5	

249	The mass and galaxy distribution around SZ-selected clusters. *Monthly Notices of the Royal Astronomical Society*, **2021**, 507, 5758-5779	4.3	2
248	DES Y1 results: Splitting growth and geometry to test ΛCDM. *Physical Review D*, **2021**, 103,	4.9	7
247	The DES view of the Eridanus supervoid and the CMB cold spot. *Monthly Notices of the Royal Astronomical Society*, **2021**, 510, 216-229	4.3	2
246	Perturbation theory for modeling galaxy bias: Validation with simulations of the Dark Energy Survey. *Physical Review D*, **2020**, 102,	4.9	8
245	Noise from undetected sources in Dark Energy Survey images. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 2529-2539	4.3	9
244	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 771-798	4.3	7
243	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 2575-2593	4.3	7
242	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408−5354 and WGD 2038−4008. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 3241-3274	4.3	3
241	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 4591-4606	4.3	18
240	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408−5354. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 6072-6102	4.3	83
239	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to z ~ 1. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 1705-1723	4.3	5
238	CosmoHub: Interactive exploration and distribution of astronomical data on Hadoop. *Astronomy and Computing*, **2020**, 32, 100391	2.4	9
237	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V. *Astrophysical Journal*, **2020**, 892, 137	4.7	23
236	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 635, A139	5.1	8
235	A joint SZ-X-ray-optical analysis of the dynamical state of 288 massive galaxy clusters. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 705-725	4.3	10
234	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 4860-4892	4.3	6
233	DES16C3cje: A low-luminosity, long-lived supernova. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 95-110	4.3	5
232	Detection of Cross-Correlation between Gravitational Lensing and γ Rays. *Physical Review Letters*, **2020**, 124, 101102	7.4	10

231	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. *Physical Review D*, **2020**, 102,	4.9	77
230	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 4051-4059	4.3	2
229	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. *Astrophysical Journal, Supplement Series*, **2020**, 246, 16	8	17
228	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
227	Monte Carlo control loops for cosmic shear cosmology with DES Year 1 data. *Physical Review D*, **2020**, 101,	4.9	7
226	The Diffuse Light Envelope of Luminous Red Galaxies. *Research Notes of the AAS*, **2020**, 4, 174	0.8	
225	Euclid: Identification of asteroid streaks in simulated images using StreakDet software. *Astronomy and Astrophysics*, **2020**, 644, A35	5.1	
224	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. *Astronomical Journal*, **2020**, 159, 133	4.9	13
223	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. *Astronomical Journal*, **2020**, 160, 267	4.9	10
222	Milky Way Satellite Census. II. Galaxy–Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. *Astrophysical Journal*, **2020**, 893, 48	4.7	43
221	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis. *Astrophysical Journal*, **2020**, 897, 183	4.7	8
220	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. *Astrophysical Journal*, **2020**, 901, 83	4.7	16
219	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. *Astrophysical Journal*, **2020**, 903, 75	4.7	3
218	The SPTpol Extended Cluster Survey. *Astrophysical Journal, Supplement Series*, **2020**, 247, 25	8	56
217	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. *Astrophysical Journal Letters*, **2020**, 896, L13	7.9	5
216	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. *Astrophysical Journal Letters*, **2020**, 900, L33	7.9	24
215	Euclid: The reduced shear approximation and magnification bias for Stage IV cosmic shear experiments. *Astronomy and Astrophysics*, **2020**, 636, A95	5.1	11
214	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 642, A191	5.1	73

213	Euclid: The importance of galaxy clustering and weak lensing cross-correlations within the photometric Euclid survey. *Astronomy and Astrophysics*, **2020**, 643, A70	5.1	7
212	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 642, A192	5.1	6
211	Euclid: Forecast constraints on the cosmic distance duality relation with complementary external probes. *Astronomy and Astrophysics*, **2020**, 644, A80	5.1	11
210	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 644, A31	5.1	11
209	Increasing the census of ultracool dwarfs in wide binary and multiple systems using Dark Energy Survey DR1 and Gaia DR2 data. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 5302-5317	4.3	1
208	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 464-480	4.3	7
207	Dark Energy Survey year 3 results: point spread function modelling. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 1282-1299	4.3	14
206	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 1300-1315	4.3	10
205	Modelling the Milky Way I. Method and first results fitting the thick disc and halo with DES-Y3 data. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 1547-1562	4.3	7
204	Euclid: the selection of quiescent and star-forming galaxies using observed colours. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 2337-2354	4.3	3
203	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 5662-5679	4.3	8
202	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 3491-3511	4.3	12
201	Blinding multiprobe cosmological experiments. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 4454-4470	4.3	15
200	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 4769-4786	4.3	11
199	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps validation on simulations. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 4060-4087	4.3	15
198	The PAU Survey: Photometric redshifts using transfer learning from simulations. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 4565-4579	4.3	10
197	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 19-35	4.3	21
196	Optical follow-up of gravitational wave triggers with DECam during the first two LIGO/VIRGO observing runs. *Astronomy and Computing*, **2020**, 33, 100425	2.4	7

195	Euclid: Reconstruction of weak-lensing mass maps for non-Gaussianity studies. *Astronomy and Astrophysics*, **2020**, 638, A141	5.1	6
194	masses: weak-lensing calibration of the Dark Energy Survey Year 1 redMaPPer clusters using stellar masses. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 5450-5467	4.3	4
193	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 1308-1322	4.3	4
192	The PAU Survey: background light estimation with deep learning techniques. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 5392-5405	4.3	3
191	An Extended Catalog of Galaxy Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. *Astrophysical Journal, Supplement Series*, **2019**, 243, 17	8	34
190	Phenotypic redshifts with self-organizing maps: A novel method to characterize redshift distributions of source galaxies for weak lensing. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 820-841	4.3	32
189	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 4389-4399	4.3	5
188	H0LiCOW X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 2033 4723. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 613-633	4.3	16
187	Transfer learning for galaxy morphology from one survey to another. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 93-100	4.3	36
186	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 3870-3883	4.3	12
185	C iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 3650-3663	4.3	21
184	Cosmological lensing ratios with DES Y1, SPT, and Planck. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 1363-1379	4.3	11
183	The Physics of the Accelerating Universe Camera. *Astronomical Journal*, **2019**, 157, 246	4.9	13
182	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. *Astrophysical Journal*, **2019**, 874, 106	4.7	34
181	A new RASS galaxy cluster catalogue with low contamination extending to z ~ 1 in the DES overlap region. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 739-769	4.3	26
180	Superluminous supernovae from the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2215-2241	4.3	37
179	Three new VHS DES quasars at 6.7 6.5. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 1874-1885	4.3	43
178	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2578-2593	4.3	28

177	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. *Astronomical Journal*, **2019**, 158, 16	4.9	12
176	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. *Astrophysical Journal*, **2019**, 876, 15	4.7	9
175	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2900-2918	4.3	31
174	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. *Physical Review D*, **2019**, 99,	4.9	89
173	The PAU Survey: Operation and orchestration of multi-band survey data. *Astronomy and Computing*, **2019**, 27, 171-188	2.4	8
172	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. *Astrophysical Journal Letters*, **2019**, 875, L13	7.9	16
171	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. *Astrophysical Journal*, **2019**, 872, 170	4.7	21
170	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25. *Astrophysical Journal*, **2019**, 874, 165	4.7	45
169	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. *Astronomical Journal*, **2019**, 157, 120	4.9	4
168	Finding high-redshift strong lenses in DES using convolutional neural networks. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 5330-5349	4.3	34
167	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 2184-2196	4.3	93
166	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. *Physical Review Letters*, **2019**, 122, 171301	7.4	50
165	First cosmology results using Type IA supernovae from the dark energy survey: effects of chromatic corrections to supernova photometry on measurements of cosmological parameters. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 5329-5344	4.3	13
164	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. *Astrophysical Journal Letters*, **2019**, 876, L7	7.9	91
163	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 1171-1187	4.3	37
162	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 69-87	4.3	14
161	More out of less: an excess integrated Sachs–Wolfe signal from supervoids mapped out by the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 5267-5277	4.3	24
160	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. *Astrophysical Journal*, **2019**, 874, 150	4.7	52

159	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. *Astrophysical Journal Letters*, **2019**, 872, L30	7.9	113
158	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. *Astrophysical Journal Letters*, **2019**, 873, L24	7.9	12
157	Dark Energy Survey Year 1 Results: Cross-correlation between Dark Energy Survey Y1 galaxy weak lensing and South Pole Telescope+Planck CMB weak lensing. *Physical Review D*, **2019**, 100,	4.9	10
156	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. *Physical Review D*, **2019**, 100,	4.9	27
155	Dark Energy Survey Year 1 Results: Tomographic cross-correlations between Dark Energy Survey galaxies and CMB lensing from South Pole Telescope+Planck. *Physical Review D*, **2019**, 100,	4.9	19
154	On the relative bias of void tracers in the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2836-2852	4.3	21
153	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 1-17	4.3	6
152	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
151	Constraints on the redshift evolution of astrophysical feedback with Sunyaev-Zel'dovich effect cross-correlations. *Physical Review D*, **2019**, 100,	4.9	15
150	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
149	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 2511-2524	4.3	13
148	Brown dwarf census with the Dark Energy Survey year 3 data and the thin disc scale height of early L types. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 5301-5325	4.3	12
147	Euclid preparation. *Astronomy and Astrophysics*, **2019**, 631, A85	5.1	14
146	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 3341-3354	4.3	10
145	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. *Physical Review Letters*, **2019**, 123, 181301	7.4	8
144	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy. *Astrophysical Journal*, **2019**, 882, 177	4.7	30
143	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 5453-5482	4.3	30
142	Producing a BOSS CMASS sample with DES imaging. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 2887-2906	4.3	13

141	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 3573-3587	4.3	13
140	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. *Astrophysical Journal*, **2019**, 883, 125	4.7	6
139	The PAU Survey: early demonstration of photometric redshift performance in the COSMOS field. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4200-4215	4.3	28
138	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. *Monthly Notices of the Royal Astronomical Society*, **2019**, 482, 2807-2822	4.3	16
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