

# Matias Carrasco Kind

## List of Publications by Citations

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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	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	522
307	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> , <b>2017</b> , 848, L17	7.9	468
306	The Dark Energy Survey: more than dark energy [an overview]. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 1270-1299	4.3	457
305	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , <b>2017</b> , 551, 85-88	50.4	413
304	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 109	4.7	329
303	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 239, 18	8	313
302	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	300
301	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> , <b>2017</b> , 848, L16	7.9	295
300	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2017</b> , 834, 110	4.7	249
299	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 224, 1	8	176
298	TPZ: photometric redshift PDFs and ancillary information by using prediction trees and random forests. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 1483-1501	4.3	154
297	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 235, 33	8	150
296	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 114	4.7	141
295	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> , <b>2018</b> , 480, 3879-3888	4.3	136
294	Photometric redshift analysis in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 1482-1506	4.3	135
293	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 592-610	4.3	118
292	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 1431-1450	4.3	118

291	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 872, L30	7.9	113
290	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	113
289	The Dark Energy Survey Image Processing Pipeline. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2018</b> , 130, 074501	5	111
288	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 95	4.7	110
287	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 2245-2281	4.3	107
286	Dark Energy Survey Year 1 results: weak lensing shape catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 1149-1182	4.3	103
285	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , <b>2015</b> , 150, 172	4.9	101
284	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II. <i>Astrophysical Journal</i> , <b>2017</b> , 838, 8	4.7	93
283	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> , <b>2019</b> , 486, 2184-2196	4.3	93
282	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 1352-1378	4.3	93
281	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> , <b>2019</b> , 876, L7	7.9	91
280	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	89
279	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	89
278	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 3653-3673	4.3	88
277	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> , <b>2020</b> , 494, 6072-6102	4.3	83
276	Anr-process Enhanced Star in the Dwarf Galaxy Tucana III. <i>Astrophysical Journal</i> , <b>2017</b> , 838, 44	4.7	81
275	CMB lensing tomography with the DES Science Verification galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 3213-3244	4.3	79
274	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	77

273	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 894-917	4.3	77
272	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> , <b>2015</b> , 454, 2305-2319	4.3	75
271	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 4899-4920	4.3	74
270	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	74
269	Cosmic shear measurements with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	70
268	Detection of the kinematic Sunyaev-Zel'dovich effect with DES Year 1 and SPT. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 3172-3193	4.3	68
267	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III. <i>Astrophysical Journal</i> , <b>2017</b> , 838, 11	4.7	66
266	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> , <b>2017</b> , 468, 4702-4718	4.3	66
265	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 4301-4324	4.3	65
264	SOMz: photometric redshift PDFs with self-organizing maps and random atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 438, 3409-3421	4.3	64
263	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 818, L8	7.9	63
262	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> , <b>2019</b> , 483, 4866-4883	4.3	63
261	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 746-759	4.3	60
260	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 160	4.7	59
259	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3047-3063	4.3	59
258	Survey geometry and the internal consistency of recent cosmic shear measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 4998-5004	4.3	58
257	Weak lensing by galaxy troughs in DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 3367-3380	4.3	56
256	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 786-808	4.3	56

255	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 247, 25	8	56
254	VDES J23255229 $z=2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 4325-4334	4.3	54
253	Dark Energy Survey Year 1 results: cross-correlation redshifts [methods and systematics characterization]. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1664-1682	4.3	53
252	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 823, L33	7.9	53
251	Density split statistics: Cosmological constraints from counts and lensing in cells in DES Y1 and SDSS data. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	53
250	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	53
249	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 150	4.7	52
248	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 47	4.7	52
247	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> , <b>2019</b> , 488, 4779-4800	4.3	51
246	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , <b>2019</b> , 122, 171301	7.4	50
245	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , <b>2015</b> , 63, 81-100	2.4	50
244	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , <b>2018</b> , 155, 41	4.9	50
243	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , <b>2021</b> , 126, 091101	7.4	49
242	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 273-288	4.3	46
241	Exhausting the information: novel Bayesian combination of photometric redshift PDFs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 3380-3399	4.3	46
240	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 83	4.7	46
239	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift $\sim 0.25$ . <i>Astrophysical Journal</i> , <b>2019</b> , 874, 165	4.7	45
238	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> , <b>2016</b> , 458, 603-612	4.3	45

237	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 33, 1479-1489	4.2	45
236	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3165-3190	4.3	44
235	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 253, 3	8	44
234	Three new VHSDES quasars at $z \approx 6.7-6.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 1874-1885	4.3	43
233	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 48	4.7	43
232	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. <i>Astrophysical Journal</i> , <b>2018</b> , 866, 22	4.7	43
231	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 609, A71	5.1	43
230	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	42
229	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 852, L3	7.9	42
228	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> , <b>2017</b> , 466, 1444-1461	4.3	41
227	Joint measurement of lensing-galaxy correlations using SPT and DES SV data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 4099-4114	4.3	40
226	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	40
225	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 226, 24	8	40
224	Density split statistics: Joint model of counts and lensing in cells. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	39
223	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 21-34	4.3	39
222	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> , <b>2019</b> , 483, 5649-5671	4.3	39
221	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 1260-1265	4.3	38
220	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 225, 8	8	38

219	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 58	4.7	38
218	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> , <b>2019</b> , 485, 1171-1187	4.3	37
217	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 849, L34	7.9	37
216	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 826, L29	7.9	37
215	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 93-100	4.3	36
214	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , <b>2016</b> , 152, 154	4.9	36
213	An Extended Catalog of GalaxyGalaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 243, 17	8	34
212	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 106	4.7	34
211	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 5330-5349	4.3	34
210	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. <i>Physical Review Letters</i> , <b>2015</b> , 115, 051301	7.4	34
209	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. <i>Astronomical Journal</i> , <b>2018</b> , 156, 81	4.9	34
208	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> , <b>2020</b> , 494, 4426-4447	4.3	34
207	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> , <b>2018</b> , 481, 2427-2443	4.3	34
206	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> , <b>2018</b> , 475, 4524-4543	4.3	33
205	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> , <b>2017</b> , 232, 15	8	33
204	Cosmology from large-scale galaxy clustering and galaxygalaxy lensing with Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 4045-4062	4.3	32
203	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> , <b>2019</b> , 489, 820-841	4.3	32
202	Modelling the Tucana III stream b close passage with the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> ,	4.3	32

201	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , <b>2017</b> , 837, 57	4.7	31
200	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 2900-2918	4.3	31
199	Imprint of DES superstructures on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 4166-4179	4.3	31
198	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> , <b>2017</b> , 468, 97-108	4.3	31
197	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 123	4.7	31
196	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 838, L15	7.9	30
195	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 177	4.7	30
194	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> , <b>2019</b> , 489, 5453-5482	4.3	30
193	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> , <b>2018</b> , 481, 1041-1054	4.3	30
192	Galaxy-galaxy lensing in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 4204-4218	4.3	29
191	A stellar overdensity associated with the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 1349-1360	4.3	29
190	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUS/PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 135	4.7	29
189	Enabling real-time multi-messenger astrophysics discoveries with deep learning. <i>Nature Reviews Physics</i> , <b>2019</b> , 1, 600-608	23.6	28
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> , <b>2019</b> , 487, 2578-2593	4.3	28
187	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> , <b>2014</b> , 446, 2523-2539	4.3	28
186	Astrometric Calibration and Performance of the Dark Energy Camera. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2017</b> , 129, 074503	5	27
185	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	27
184	A hybrid ensemble learning approach to star-galaxy classification. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 507-521	4.3	27

183	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 252, 18	8	27
182	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 2871-2888	4.3	27
181	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> , <b>2019</b> , 488, 739-769	4.3	26
180	Chemical Abundance Analysis of Three Poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I. <i>Astrophysical Journal</i> , <b>2018</b> , 852, 99	4.7	26
179	SDSS-IV eBOSS emission-line galaxy pilot survey. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 592, A121	5.1	26
178	A measurement of CMB cluster lensing with SPT and DES year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 2674-2688	4.3	25
177	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 4614-4635	4.3	25
176	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 839, L15	7.9	24
175	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> , <b>2019</b> , 484, 5267-5277	4.3	24
174	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> , <b>2020</b> , 900, L33	7.9	24
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88	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 6179-6194	4.3	10
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44	Consistency of cosmic shear analyses in harmonic and real space. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 3796-3817	4.3	5
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