

Matias Carrasco Kind

List of Publications by Year in descending order

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Version: 2024-02-01

327
papers

19,392
citations

11639

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17090

122
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330
all docs

330
docs citations

330
times ranked

9965
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2018, 98, .	1.6	751
2	A gravitational-wave standard siren measurement of the Hubble constant. Nature, 2017, 551, 85-88.	13.7	674
3	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. Astrophysical Journal Letters, 2017, 848, L17.	3.0	656
4	The Dark Energy Survey: more than dark energy – an overview. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1270-1299.	1.6	618
5	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	3.0	455
6	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. Astrophysical Journal, 2017, 834, 110.	1.6	412
7	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. Physical Review D, 2018, 98, .	1.6	412
8	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	1.6	405
9	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2022, 105, .	1.6	398
10	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. Astrophysical Journal Letters, 2017, 848, L16.	3.0	392
11	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	3.0	233
12	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	3.0	201
13	Dark Energy Survey Year 1 Results: A Precise H_0 Estimate from DES Y1, BAO, and D/H Data. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3879-3888.	1.6	196
14	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	1.6	193
15	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	3.0	192
16	TPZ: photometric redshift PDFs and ancillary information by using prediction trees and random forests. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1483-1501.	1.6	191
17	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.	3.0	179
18	The Dark Energy Survey Image Processing Pipeline. Publications of the Astronomical Society of the Pacific, 2018, 130, 074501.	1.0	161

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19	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	1.6	156
20	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. Physical Review D, 2022, 105, .	1.6	151
21	Extended Isolation Forest. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1479-1489.	4.0	150
22	Photometric redshift analysis in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1482-1506.	1.6	146
23	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	1.6	145
24	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. Physical Review D, 2022, 105, .	1.6	145
25	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	1.6	144
26	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	2.9	144
27	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.	1.6	143
28	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.	1.6	140
29	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	1.6	140
30	The DES Science Verification weak lensing shear catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2245-2281.	1.6	137
31	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1352-1378.	1.6	135
32	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. Astrophysical Journal, 2015, 808, 95.	1.6	132
33	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. Physical Review D, 2019, 99, .	1.6	130
34	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 172.	1.9	128
35	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	1.6	125
36	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	3.0	120

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37	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3653-3673.	1.6	119
38	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. Astrophysical Journal, 2017, 838, 8.	1.6	119
39	The Atacama Cosmology Telescope: A Catalog of ~ 4000 Sunyaev-Zel'dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	3.0	118
40	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.	1.6	110
41	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	1.6	109
42	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4866-4883.	1.6	109
43	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. Physical Review D, 2016, 94, .	1.6	105
44	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. Physical Review D, 2018, 98, .	1.6	102
45	An r-process Enhanced Star in the Dwarf Galaxy Tucana III*. Astrophysical Journal, 2017, 838, 44.	1.6	101
46	Milky Way Satellite Census. II. Galaxy-Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	1.6	101
47	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	3.0	101
48	CMB lensing tomography with the DES Science Verification galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3213-3244.	1.6	95
49	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	3.0	93
50	Eight new luminous $z \approx 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4702-4718.	1.6	92
51	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	1.6	92
52	Detection of the kinematic Sunyaev-Zel'dovich effect with DES Year 1 and SPT. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3172-3193.	1.6	88
53	Constraints on the richness-mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2305-2319.	1.6	87
54	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4899-4920.	1.6	87

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55	Extreme Variability Quasars from the Sloan Digital Sky Survey and the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 854, 160.	1.6	87
56	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.	1.6	86
57	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	2.9	86
58	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III*. <i>Astrophysical Journal</i> , 2017, 838, 11.	1.6	83
59	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4779-4800.	1.6	82
60	SOMz: photometric redshift PDFs with self-organizing maps and random atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3409-3421.	1.6	81
61	Cosmic shear measurements with Dark Energy Survey Science Verification data. <i>Physical Review D</i> , 2016, 94, .	1.6	81
62	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. <i>Astrophysical Journal Letters</i> , 2016, 818, L8.	3.0	78
63	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4301-4324.	1.6	77
64	An Extended Catalog of Galaxy–Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 17.	3.0	77
65	Dark energy survey year 3 results: weak lensing shape catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4312-4336.	1.6	77
66	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3047-3063.	1.6	75
67	Density split statistics: Cosmological constraints from counts and lensing in cells in DES Y1 and SDSS data. <i>Physical Review D</i> , 2018, 98, .	1.6	75
68	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018, 155, 41.	1.9	74
69	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 900, L33.	3.0	74
70	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5649-5671.	1.6	73
71	Weak lensing by galaxy troughs in DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3367-3380.	1.6	71
72	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 786-808.	1.6	71

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73	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. <i>Physical Review D</i> , 2018, 98, .	1.6	71
74	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018, 864, 83.	1.6	69
75	Survey geometry and the internal consistency of recent cosmic shear measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4998-5004.	1.6	68
76	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4249-4277.	1.6	67
77	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015, 63, 81-100.	1.9	66
78	VDES J2325 ^h 5229 a<i>z</i>= 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.	1.6	66
79	COSMOGRAIL: the COSmological MONitoring of GRAVitational Lenses. <i>Astronomy and Astrophysics</i> , 2018, 609, A71.	2.1	66
80	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.	1.6	65
81	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ^{1/4} 0.25. <i>Astrophysical Journal</i> , 2019, 874, 165.	1.6	65
82	Three new VHS ^h DES quasars at 6.7 <i>z</i> <i>z</i> 6.9 and emission line properties at z > 6.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1874-1885.	1.6	64
83	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream^h. <i>Astrophysical Journal</i> , 2018, 866, 22.	1.6	63
84	Dark Energy Survey Year 1 results: cross-correlation redshifts ^h methods and systematics characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1664-1682.	1.6	63
85	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.	1.6	63
86	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.	1.6	62
87	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5330-5349.	1.6	62
88	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.	1.6	62
89	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.	1.6	60
90	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. <i>Astrophysical Journal Letters</i> , 2018, 852, L3.	3.0	60

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91	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.	1.6	60
92	Density split statistics: Joint model of counts and lensing in cells. <i>Physical Review D</i> , 2018, 98, .	1.6	59
93	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 93-100.	1.6	58
94	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 18.	3.0	56
95	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.	3.0	55
96	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. <i>Astronomical Journal</i> , 2016, 152, 154.	1.9	55
97	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. <i>Physical Review Letters</i> , 2021, 126, 141301.	2.9	55
98	Exhausting the information: novel Bayesian combination of photometric redshift PDFs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3380-3399.	1.6	53
99	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 603-612.	1.6	53
100	Enabling real-time multi-messenger astrophysics discoveries with deep learning. <i>Nature Reviews Physics</i> , 2019, 1, 600-608.	11.9	53
101	Dark Energy Survey Y3 results: blending shear and redshift biases in image simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3371-3394.	1.6	53
102	Phenotypic redshifts with self-organizing maps: A novel method to characterize redshift distributions of source galaxies for weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 820-841.	1.6	52
103	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2900-2918.	1.6	52
104	Joint measurement of lensing+galaxy correlations using SPT and DES SV data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4099-4114.	1.6	50
105	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 123.	1.6	50
106	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , 2017, 849, L34.	3.0	49
107	Cosmology from large-scale galaxy clustering and galaxy+galaxy lensing with Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4045-4062.	1.6	48
108	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 15.	3.0	48

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109	Testing the lognormality of the galaxy and weak lensing convergence distributions from Dark Energy Survey maps. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1444-1461.	1.6	48
110	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign â€“ I. Overview and classification of candidates selected by two techniques. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1041-1054.	1.6	48
111	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. Physical Review D, 2015, 92, .	1.6	47
112	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 226, 24.	3.0	47
113	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. Astrophysical Journal, 2016, 820, 58.	1.6	46
114	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. Monthly Notices of the Royal Astronomical Society, 2016, 459, 21-34.	1.6	46
115	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	3.0	44
116	A new RASS galaxy cluster catalogue with low contamination extending to $z \approx 1$ in the DES overlap region. Monthly Notices of the Royal Astronomical Society, 2019, 488, 739-769.	1.6	44
117	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2578-2593.	1.6	44
118	Dark Energy Survey Year 1 results: the impact of galaxy neighbours on weak lensing cosmology with im3shape. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4524-4543.	1.6	43
119	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. Monthly Notices of the Royal Astronomical Society, 2020, 496, 19-35.	1.6	43
120	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. Astrophysical Journal, 2020, 892, 137.	1.6	43
121	Modelling the Tucana III stream - a close passage with the LMC. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	42
122	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. Astronomical Journal, 2018, 156, 81.	1.9	42
123	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy*. Astrophysical Journal, 2019, 882, 177.	1.6	42
124	More out of less: an excess integrated Sachsâ€“Wolfe signal from supervoids mapped out by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5267-5277.	1.6	42
125	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. Physical Review D, 2021, 103, .	1.6	42
126	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4626-4645.	1.6	42

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127	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4861-4876.	1.6	42
128	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1260-1265.	1.6	41
129	A measurement of CMB cluster lensing with SPT and DES year 1 data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2674-2688.	1.6	41
130	Dark Energy Survey year 3 results: point spread function modelling. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1282-1299.	1.6	41
131	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. Physical Review Letters, 2015, 115, 051301.	2.9	40
132	Astrometric Calibration and Performance of the Dark Energy Camera. Publications of the Astronomical Society of the Pacific, 2017, 129, 074503.	1.0	40
133	Galaxy-galaxy lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4204-4218.	1.6	40
134	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2427-2443.	1.6	39
135	Dark Energy Survey year 3 results: covariance modelling and its impact on parameter estimation and quality of fit. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3125-3165.	1.6	39
136	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	3.0	38
137	A stellar overdensity associated with the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1349-1360.	1.6	38
138	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3324-3343.	1.6	38
139	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. Physical Review D, 2019, 100, .	1.6	38
140	On the relative bias of void tracers in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2836-2852.	1.6	37
141	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	1.6	37
142	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUSâ€™PHOENIX IN THE DARK ENERGY SURVEY. Astrophysical Journal, 2016, 817, 135.	1.6	36
143	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. Monthly Notices of the Royal Astronomical Society, 2017, 468, 97-108.	1.6	36
144	Imprint of DES superstructures on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4166-4179.	1.6	36

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145	Constraints on the redshift evolution of astrophysical feedback with Sunyaev-Zelâ€™dovich effect cross-correlations. <i>Physical Review D</i> , 2019, 100, .	1.6	36
146	Dark Energy Survey Year 3 Results: clustering redshifts â€œ calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1223-1247.	1.6	36
147	Dark Energy Survey Year 3 results: A 2.7% measurement of baryon acoustic oscillation distance scale at redshift 0.835. <i>Physical Review D</i> , 2022, 105, .	1.6	36
148	A hybrid ensemble learning approach to starâ€™ galaxy classification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 507-521.	1.6	35
149	Dark Energy Survey Year 1 Results: Tomographic cross-correlations between Dark Energy Survey galaxies and CMB lensing from South Pole $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Telescope} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Planck} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:ma} \rangle$ <i>Physical Review D</i> , 2019, 100, .	1.6	35
150	Search for RR Lyrae stars in DES ultrafaint systems: GrusÂ, KimÂ2, PhoenixÂII, and GrusÂII. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2183-2199.	1.6	35
151	Câ€™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.	1.6	35
152	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, .	1.6	35
153	Dark Energy Survey Year 3 Results: Deep Field optical+â€™near-infrared images and catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3547-3579.	1.6	35
154	A Search for Kilonovae in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2017, 837, 57.	1.6	34
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