Matias Carrasco Kind

List of Publications by Year
in descending order

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327 papers	19,392 citations	11639 70 h-index	17090 122 g-index
330 all docs	330 docs citations	330 times ranked	9965 citing authors

#	Article	IF	Citations
1	Multiwavelength optical and NIR variability analysis of the Blazar PKSÂ0027-426. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3145-3177.	1.6	2
2	Dark Energy Survey Year 3 results: galaxy clustering and systematics treatment for lens galaxy samples. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2665-2687.	1.6	31
3	From the Fire: A Deeper Look at the Phoenix Stream. Astrophysical Journal, 2022, 925, 118.	1.6	8
4	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	3.0	21
5	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. Physical Review D, 2022, 105, .	1.6	151
6	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2022, 105, .	1.6	398
7	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.	1.6	18
8	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2075-2104.	1.6	34
9	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. Physical Review D, 2022, 105, .	1.6	145
10	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. Astrophysical Journal, Supplement Series, 2022, 258, 41.	3.0	27
11	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, .	1.6	36
12	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.	3.0	4
13	The Observed Evolution of the Stellar Massâ€"Halo Mass Relation for Brightest Central Galaxies. Astrophysical Journal, 2022, 928, 28.	1.6	11
14	The Evolution of AGN Activity in Brightest Cluster Galaxies. Astronomical Journal, 2022, 163, 146.	1.9	7
15	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. Astrophysical Journal, 2022, 927, 109.	1.6	5
16	Finding quadruply imaged quasars with machine learning â€" I. Methods. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2407-2421.	1.6	9
17	Lensing without borders â€" I. A blind comparison of the amplitude of galaxyâ€"galaxy lensing between independent imaging surveys. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6150-6189.	1.6	12
18	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	1.6	9

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19	Optical variability of quasars with 20-yr photometric light curves. Monthly Notices of the Royal Astronomical Society, 2022, 514, 164-184.	1.6	24
20	Dark Energy Survey Year 3 results: Exploiting small-scale information with lensing shear ratios. Physical Review D, 2022, 105, .	1.6	23
21	Dark energy survey year 3 results: High-precision measurement and modeling of galaxy-galaxy lensing. Physical Review D, 2022, 105, .	1.6	22
22	Dark Energy Survey Year 3 Results: Three-point shear correlations and mass aperture moments. Physical Review D, 2022, 105, .	1.6	12
23	The dark energy survey 5-yr photometrically identified type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5159-5177.	1.6	8
24	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and Planck thermal Sunyaev-Zelâ€™dovich effect observations. I. Measurements, systematics tests, and feedback model constraints. Physical Review D, 2022, 105, .	1.6	16
25	Cross-correlation of Dark Energy Survey Year 3 lensing data with ACT and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>P</mml:mi><mml:mi>l</mml:mi><mml:mi>a</mml:mi><mml:mi>n</mml:mi><mml:mi>c</mml:mi><mml:mi>k</mml:mi> thermal Sunyaev-Zelâ€™dovich effect observations. II. Modeling and constraints on halo pressure profiles. Physical Review D, 2022, 105, .	1.6	21
26	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4696-4717.	1.6	3
27	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. Physical Review D, 2022, 105, .	1.6	19
28	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. Astrophysical Journal, 2022, 932, 128.	1.6	16
29	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	1.6	6
30	Dark energy survey year 3 results: cosmological constraints from the analysis of cosmic shear in harmonic space. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1942-1972.	1.6	27
31	Extended Isolation Forest. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1479-1489.	4.0	150
32	A machine learning approach to galaxy properties: joint redshiftâ€“stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786.	1.6	19
33	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	3.0	56
34	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.	1.6	20
35	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. Physical Review D, 2021, 103, .	1.6	34
36	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6010-6031.	1.6	27

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37	GHOST: Using Only Host Galaxy Information to Accurately Associate and Distinguish Supernovae. Astrophysical Journal, 2021, 908, 170.	1.6	20
38	The WaZP galaxy cluster sample of the dark energy survey year 1. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4435-4456.	1.6	15
39	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
40	Survey2Survey: a deep learning generative model approach for cross-survey image mapping. Monthly Notices of the Royal Astronomical Society, 2021, 503, 777-796.	1.6	5
41	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaevâ€“Zelâ€™dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	3.0	118
42	Pushing automated morphological classifications to their limits with the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1927-1943.	1.6	33
43	Consistency of cosmic shear analyses in harmonic and real space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3796-3817.	1.6	14
44	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.	1.6	12
45	Constraints on Dark Matter Properties from Observations of MilkyÂWay Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	2.9	144
46	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. Planetary Science Journal, 2021, 2, 59.	1.5	29
47	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. Astrophysical Journal, 2021, 911, 109.	1.6	18
48	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	1.6	77
49	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. Physical Review Letters, 2021, 126, 141301.	2.9	55
50	The first Hubble diagram and cosmological constraints using superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2535-2549.	1.6	18
51	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
52	Understanding the extreme luminosity of DES14X2fna. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3950-3967.	1.6	4
53	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	3.0	93
54	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.	1.6	17

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55	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.	1.6	67
56	Constraints on dark matter to dark radiation conversion in the late universe with DES-Y1 and external data. Physical Review D, 2021, 103, .	1.6	25
57	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.	1.6	5
58	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	1.6	37
59	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.	1.6	32
60	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	3.0	120
61	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. Astrophysical Journal, 2021, 916, 81.	1.6	14
62	OzDES Reverberation Mapping Programme: the first Mgâ€‰<scp>ii</scp> lags from 5 yr of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3771-3788.	1.6	24
63	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
64	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	1.6	20
65	Dark Energy Survey Y3 results: blending shear and redshift biases in image simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3371-3394.	1.6	53
66	DES Y1 results: Splitting growth and geometry to test <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î›</mml:mi><mml:mi>CDM</mml:mi></mml:math>. Physical Review D, 2021, 103, .	1.6	16
67	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. Publications of the Astronomical Society of the Pacific, 2021, 133, 014501.	1.0	4
68	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
69	Galaxyâ€“galaxy lensing with the DES-CMASS catalogue: measurement and constraints on the galaxy-matter cross-correlation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2033-2047.	1.6	6
70	Dark Energy Survey Year 3 results: galaxy sample for BAO measurement. Monthly Notices of the Royal Astronomical Society, 2021, 509, 778-799.	1.6	8
71	Dark Energy Survey Year 3 Results: Deep Field opticalÂ+Ânear-infrared images and catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3547-3579.	1.6	35
72	OzDES reverberation mapping program: Lag recovery reliability for 6-yr Câ€‰<scp>iv</scp> analysis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4008-4023.	1.6	11

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73	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	1.6	9
74	C/2014 UN₂₇₁ (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. Astrophysical Journal Letters, 2021, 921, L37.	3.0	21
75	Synthetic galaxy clusters and observations based on Dark Energy Survey Year 3 Data. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4865-4885.	1.6	1
76	Dark Energy Survey Year 3 Results: clustering redshifts â€“ calibration of the weak lensing source redshift distributions with redMaGiC and BOSS/eBOSS. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1223-1247.	1.6	36
77	Dark Energy Survey Year 3 results: galaxyâ€“halo connection from galaxyâ€“galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3119-3147.	1.6	18
78	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. Astrophysical Journal, 2021, 923, 37.	1.6	20
79	The DES view of the Eridanus supervoid and the CMB cold spot. Monthly Notices of the Royal Astronomical Society, 2021, 510, 216-229.	1.6	14
80	Modelling the Milky Way â€“ 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.	1.6	15
81	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4040-4060.	1.6	30
82	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4426-4447.	1.6	63
83	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.	1.6	8
84	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.	1.6	34
85	Blinding multiprobe cosmological experiments. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4454-4470.	1.6	22
86	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.	1.6	20
87	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps â€“ validation on simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4060-4087.	1.6	29
88	Spectral variability of a sample of extreme variability quasars and implications for the Mgâ€‰<scp>ii</scp>broad-line region. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5773-5787.	1.6	18
89	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
90	Probabilistic cosmic web classification using fast-generated training data. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5041-5060.	1.6	9

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91	Î¼â‹† 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.	1.6	8
92	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.	1.6	6
93	Perturbation theory for modeling galaxy bias: Validation with simulations of the Dark Energy Survey. Physical Review D, 2020, 102, .	1.6	21
94	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3636-3647.	1.6	6
95	Noise from undetected sources in Dark Energy Survey images. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2529-2539.	1.6	10
96	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. Monthly Notices of the Royal Astronomical Society, 2020, 498, 771-798.	1.6	12
97	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.	1.6	24
98	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DESâ€‰J0408â€“5354â€‰and WGDâ€‰2038â€“4008. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3241-3274.	1.6	10
99	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.	1.6	28
100	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408â˜5354. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6072-6102.	1.6	140
101	The Curious Case of PHL 293B: A Long-lived Transient in a Metal-poor Blue Compact Dwarf Galaxy. Astrophysical Journal Letters, 2020, 894, L5.	3.0	16
102	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to zÂˆ¼ 1. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1705-1723.	1.6	6
103	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
104	The mystery of photometric twins DES17X1boj and DES16E2bjy. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5576-5589.	1.6	5
105	A joint SZâ€“X-rayâ€“optical analysis of the dynamical state of 288 massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 705-725.	1.6	24
106	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4860-4892.	1.6	12
107	DES16C3cje: A low-luminosity, long-lived supernova. Monthly Notices of the Royal Astronomical Society, 2020, 496, 95-110.	1.6	8
108	Detection of Cross-Correlation between Gravitational Lensing and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays. Physical Review Letters, 2020, 124, 101102.	2.9	16

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109	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2020, 247, 32.	3.0	27
110	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	1.6	140
111	Weak lensing of Type Ia Supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4051-4059.	1.6	7
112	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	3.0	33
113	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
114	MonteÂCarlo control loops for cosmic shear cosmology with DES Year 1 data. Physical Review D, 2020, 101, .	1.6	11
115	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.	1.6	3
116	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.	1.6	19
117	Dark Energy Survey year 3 results: point spread function modelling. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1282-1299.	1.6	41
118	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1300-1315.	1.6	24
119	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. Astronomical Journal, 2020, 159, 133.	1.9	19
120	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. Astronomical Journal, 2020, 160, 267.	1.9	27
121	Milky Way Satellite Census. II. Galaxyâ€"Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	1.6	101
122	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis*. Astrophysical Journal, 2020, 897, 183.	1.6	18
123	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. Astrophysical Journal, 2020, 900, 58.	1.6	22
124	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.	1.6	28
125	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. Astrophysical Journal, 2020, 903, 75.	1.6	8
126	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	3.0	101

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127	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. Astrophysical Journal Letters, 2020, 896, L13.	3.0	19
128	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.	3.0	74
129	The Diffuse Light Envelope of Luminous Red Galaxies. Research Notes of the AAS, 2020, 4, 174.	0.3	0
130	Dark Energy Survey Year 1 Results: Cross-correlation between Dark Energy Survey Y1 galaxy weak lensing and South Pole Telescope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>+</mml:mo><mml:mrow><mml:mi>P</mml:mi><mml:mi>l</mml:mi><mml:mi>a</mml:mi><m CMB weak lensing. Physical Review D, 2019, 100, .	1.6	22
131	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
132	Dark Energy Survey Year 1 Results: Tomographic cross-correlations between Dark Energy Survey galaxies and CMB lensing from South Pole <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Telescope</mml:mi><mml:mo>+</mml:mo><mml:mi>Planck</mml:mi></mml:mrow></mml:ma Physical Review D, 2019, 100, .	1.6	35
133	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
134	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data â€“ II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1-17.	1.6	8
135	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
136	Constraints on the redshift evolution of astrophysical feedback with Sunyaev-Zelâ€™dovich effect cross-correlations. Physical Review D, 2019, 100, .	1.6	36
137	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.	1.6	82
138	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.	1.6	19
139	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.	1.6	23
140	Search for RR Lyrae stars in DES ultrafaint systems: GrusÂI, KimÂ2, PhoenixÂII, and GrusÂII. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2183-2199.	1.6	35
141	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.	1.6	15
142	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. Physical Review Letters, 2019, 123, 181301.	2.9	12
143	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy*. Astrophysical Journal, 2019, 882, 177.	1.6	42
144	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". Icarus, 2019, 334, 79-88.	1.1	1

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145	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.	1.6	62
146	Producing a BOSS CMASS sample with DES imaging. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2887-2906.	1.6	19
147	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.	1.6	32
148	An Extended Catalog of Galaxyâ€"Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. Astrophysical Journal, Supplement Series, 2019, 243, 17.	3.0	77
149	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.	1.6	52
150	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.	1.6	7
151	H0LiCOW â€"â€‰X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFIâ€‰2033âˆ'4723. Monthly Notices of the Royal Astronomical Society, 2019, 490, 613-633.	1.6	24
152	Enabling real-time multi-messenger astrophysics discoveries with deep learning. Nature Reviews Physics, 2019, 1, 600-608.	11.9	53
153	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	1.6	58
154	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3870-3883.	1.6	21
155	Câ€‰iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). Monthly Notices of the Royal Astronomical Society, 2019, 487, 3650-3663.	1.6	35
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