

# Risa H Wechsler

## List of Publications by Year in descending order

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261  
papers

32,861  
citations

3919

88  
h-index

4101

175  
g-index

265  
all docs

265  
docs citations

265  
times ranked

10432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Energy Survey Year 3 results: galaxy clustering and systematics treatment for lens galaxy samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2665-2687.	1.6	31
2	Optimization of the Observing Cadence for the Rubin Observatory Legacy Survey of Space and Time: A Pioneering Process of Community-focused Experimental Design. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 1.	3.0	40
3	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. <i>Astrophysical Journal</i> , 2022, 926, 194.	1.6	16
4	Extending the SAGA Survey (xSAGA). I. Satellite Radial Profiles as a Function of Host-galaxy Properties. <i>Astrophysical Journal</i> , 2022, 927, 121.	1.6	11
5	Early-type galaxy density profiles from IllustrisTNG – III. Effects on outer kinematic structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 6134-6151.	1.6	3
6	Priors on red galaxy stochasticity from hybrid effective field theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2198-2213.	1.6	9
7	ADDGALS: Simulated Sky Catalogs for Wide Field Galaxy Surveys. <i>Astrophysical Journal</i> , 2022, 931, 145.	1.6	15
8	Tidal disruption of solitons in self-interacting ultralight axion dark matter. <i>Physical Review D</i> , 2022, 105, .	1.6	9
9	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. <i>Astrophysical Journal</i> , 2022, 932, 128.	1.6	16
10	COMAP Early Science. I. Overview. <i>Astrophysical Journal</i> , 2022, 933, 182.	1.6	25
11	Insights into the origin of halo mass profiles from machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 2164-2177.	1.6	9
12	Stringent $\Omega_8$ constraints from small-scale galaxy clustering using a hybrid MCMC+Emulator framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 871-896.	1.6	32
13	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. <i>Astrophysical Journal</i> , 2022, 933, 134.	1.6	6
14	COMAP Early Science. V. Constraints and Forecasts at $z \sim 1/4$ 3. <i>Astrophysical Journal</i> , 2022, 933, 186.	1.6	21
15	Dark energy survey year 3 results: cosmological constraints from the analysis of cosmic shear in harmonic space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1942-1972.	1.6	27
16	Combination of cluster number counts and two-point correlations: validation on mock Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4093-4111.	1.6	14
17	Bounds on Velocity-dependent Dark Matter – Proton Scattering from Milky Way Satellite Abundance. <i>Astrophysical Journal Letters</i> , 2021, 907, L46.	3.0	31
18	The SAGA Survey. II. Building a Statistical Sample of Satellite Systems around Milky Way – like Galaxies. <i>Astrophysical Journal</i> , 2021, 907, 85.	1.6	115

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19	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021, 126, 091101.	2.9	144
20	Hierarchical Inference with Bayesian Neural Networks: An Application to Strong Gravitational Lensing. <i>Astrophysical Journal</i> , 2021, 909, 187.	1.6	26
21	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
22	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
23	The HST See Change Program. I. Survey Design, Pipeline, and Supernova Discoveries*. <i>Astrophysical Journal</i> , 2021, 912, 87.	1.6	8
24	Spectroscopic quantification of projection effects in the SDSS redMaPPer galaxy cluster catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 33-44.	1.6	12
25	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 24.	3.0	93
26	The cosmology dependence of galaxy clustering and lensing from a hybrid $N$ -body “perturbation theory model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1422-1440.	1.6	50
27	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
28	Probing the galaxy “halo connection with total satellite luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5370-5388.	1.6	11
29	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	3.0	120
30	Searching for Dwarf Galaxies in Gaia DR2 Phase-space Data Using Wavelet Transforms. <i>Astrophysical Journal</i> , 2021, 915, 48.	1.6	5
31	UniverseMachine: Predicting Galaxy Star Formation over Seven Decades of Halo Mass with Zoom-in Simulations. <i>Astrophysical Journal</i> , 2021, 915, 116.	1.6	12
32	The DECam Local Volume Exploration Survey: Overview and First Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 2.	3.0	47
33	Dark Matter Constraints from a Unified Analysis of Strong Gravitational Lenses and Milky Way Satellite Galaxies. <i>Astrophysical Journal</i> , 2021, 917, 7.	1.6	56
34	Line confusion in spectroscopic surveys and its possible effects: shifts in Baryon Acoustic Oscillations position. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4193-4201.	1.6	7
35	Mock light-cones and theory friendly catalogues for the CANDELS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4858-4876.	1.6	35
36	The Effects of Dark Matter and Baryonic Physics on the Milky Way Subhalo Population in the Presence of the Large Magellanic Cloud. <i>Astrophysical Journal Letters</i> , 2021, 920, L11.	3.0	16

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37	Simultaneous Estimation of Large-scale Structure and Milky Way Dust Extinction from Galaxy Surveys. <i>Astrophysical Journal</i> , 2021, 921, 108.	1.6	1
38	Dark Energy Survey Year 3 results: galaxy-halo connection from galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3119-3147.	1.6	18
39	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021, 923, 37.	1.6	20
40	The impact of spectroscopic incompleteness in direct calibration of redshift distributions for weak lensing surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4769-4786.	1.6	20
41	Illuminating dark matter halo density profiles without subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2426-2444.	1.6	15
42	$\hat{M}_{4\sigma}$ masses: weak-lensing calibration of the Dark Energy Survey Year 1 redMaPPer clusters using stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5450-5467.	1.6	8
43	Constraining the scatter in the galaxy-halo connection at Milky Way masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5080-5092.	1.6	11
44	Concentrations of dark haloes emerge from their merger histories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4450-4464.	1.6	40
45	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4591-4606.	1.6	28
46	RedMaPPer: Evolution and Mass Dependence of the Conditional Luminosity Functions of Red Galaxies in Galaxy Clusters. <i>Astrophysical Journal</i> , 2020, 897, 15.	1.6	15
47	The impact of the fiducial cosmology assumption on BAO distance scale measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2076-2089.	1.6	35
48	Two Ultra-faint Milky Way Stellar Systems Discovered in Early Data from the DECam Local Volume Exploration Survey. <i>Astrophysical Journal</i> , 2020, 890, 136.	1.6	49
49	Milky Way Satellite Census. I. The Observational Selection Function for Milky Way Satellites in DES Y3 and Pan-STARRS DR1. <i>Astrophysical Journal</i> , 2020, 893, 47.	1.6	110
50	The Universe at $z > 10$ : predictions for JWST from the universe-machine DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5702-5718.	1.6	74
51	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1300-1315.	1.6	24
52	Forecasting [C ii] Line-intensity Mapping Measurements between the End of Reionization and the Epoch of Galaxy Assembly. <i>Astrophysical Journal</i> , 2020, 892, 51.	1.6	24
53	Milky Way Satellite Census. II. Galaxy-Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020, 893, 48.	1.6	101
54	Signatures of Velocity-dependent Dark Matter Self-interactions in Milky Way-mass Halos. <i>Astrophysical Journal</i> , 2020, 896, 112.	1.6	34

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55	The Binaryâ€Host Connection: Astrophysics of Gravitational-Wave Binaries from Host Galaxy Properties. <i>Astrophysical Journal</i> , 2020, 905, 21.	1.6	17
56	Preliminary Target Selection for the DESI Milky Way Survey (MWS). <i>Research Notes of the AAS</i> , 2020, 4, 188.	0.3	38
57	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1-17.	1.6	8
58	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
59	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2511-2524.	1.6	19
60	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3508-3531.	1.6	68
61	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
62	UniverseMachine: The correlation between galaxy growth and dark matter halo assembly from $z \sim 0$ to $z \sim 10$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3143-3194.	1.6	659
63	Cross-correlating Carbon Monoxide Line-intensity Maps with Spectroscopic and Photometric Galaxy Surveys. <i>Astrophysical Journal</i> , 2019, 872, 186.	1.6	30
64	Constraints on Dark Matter Microphysics from the Milky Way Satellite Population. <i>Astrophysical Journal Letters</i> , 2019, 878, L32.	3.0	110
65	Galaxy formation and evolution science in the era of the Large Synoptic Survey Telescope. <i>Nature Reviews Physics</i> , 2019, 1, 450-462.	11.9	17
66	UNIT project: Universe N-body simulations for the Investigation of Theoretical models from galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 48-59.	1.6	54
67	The Aemulus Project. II. Emulating the Halo Mass Function. <i>Astrophysical Journal</i> , 2019, 872, 53.	1.6	102
68	The Aemulus Project. III. Emulation of the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2019, 874, 95.	1.6	93
69	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2578-2593.	1.6	44
70	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
71	The Aemulus Project. I. Numerical Simulations for Precision Cosmology. <i>Astrophysical Journal</i> , 2019, 875, 69.	1.6	94
72	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	2.9	86

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73	Modelling projection effects in optically selected cluster catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 490-505.	1.6	48
74	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	1.9	825
75	Modeling the Connection between Subhalos and Satellites in Milky Way-like Systems. <i>Astrophysical Journal</i> , 2019, 873, 34.	1.6	55
76	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 26.	3.0	67
77	Data-driven Reconstruction of Gravitationally Lensed Galaxies Using Recurrent Inference Machines. <i>Astrophysical Journal</i> , 2019, 883, 14.	1.6	39
78	Hierarchical Modeling and Statistical Calibration for Photometric Redshifts. <i>Astrophysical Journal</i> , 2019, 881, 80.	1.6	14
79	Spatial clustering of dark matter haloes: secondary bias, neighbour bias, and the influence of massive neighbours on halo properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4411-4423.	1.6	57
80	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	3.0	192
81	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
82	Chemical Abundance Analysis of Three $\alpha$ -poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I*. <i>Astrophysical Journal</i> , 2018, 852, 99.	1.6	33
83	DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 36.	3.0	18
84	Mapping extragalactic dark matter annihilation with galaxy surveys: A systematic study of stacked group searches. <i>Physical Review D</i> , 2018, 97, .	1.6	31
85	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
86	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. <i>Astrophysical Journal</i> , 2018, 866, 22.	1.6	63
87	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2427-2443.	1.6	39
88	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018, 864, 83.	1.6	69
89	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4614-4635.	1.6	31
90	Beyond assembly bias: exploring secondary halo biases for cluster-size haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5143-5157.	1.6	88

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91	Cross-correlation redshift calibration without spectroscopic calibration samples in DES Science Verification Data. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2196-2208.	1.6	23
92	Modeling the Impact of Baryons on Subhalo Populations with Machine Learning. Astrophysical Journal, 2018, 859, 129.	1.6	46
93	Dark Energy Survey Year 1 results: cross-correlation redshifts “ methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	1.6	63
94	The Connection Between Galaxies and Their Dark Matter Halos. Annual Review of Astronomy and Astrophysics, 2018, 56, 435-487.	8.1	482
95	Approximating Photo-z PDFs for Large Surveys. Astronomical Journal, 2018, 156, 35.	1.9	19
96	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	1.6	193
97	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
98	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. Astrophysical Journal, 2017, 834, 110.	1.6	412
99	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	1.6	86
100	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. Astrophysical Journal, 2017, 838, 8.	1.6	119
101	Cosmology from large-scale galaxy clustering and galaxy“galaxy lensing with Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4045-4062.	1.6	48
102	EmpiricSN: Re-sampling Observed Supernova/Host Galaxy Populations Using an XD Gaussian Mixture Model. Astronomical Journal, 2017, 153, 249.	1.9	22
103	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
104	The SAGA Survey. I. Satellite Galaxy Populations around Eight Milky Way Analogs. Astrophysical Journal, 2017, 847, 4.	1.6	165
105	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
106	THE CONCENTRATION DEPENDENCE OF THE GALAXY“HALO CONNECTION: MODELING ASSEMBLY BIAS WITH ABUNDANCE MATCHING. Astrophysical Journal, 2017, 834, 37.	1.6	104
107	Weak lensing measurement of the mass“richness relation of SDSS redMaPPer clusters. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3103-3118.	1.6	126
108	Uncertainties in Parameters Estimated with Neural Networks: Application to Strong Gravitational Lensing. Astrophysical Journal Letters, 2017, 850, L7.	3.0	83



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109	The Importance of Preventive Feedback: Inference from Observations of the Stellar Masses and Metallicities of Milky Way Dwarf Galaxies. <i>Astrophysical Journal</i> , 2017, 846, 66.	1.6	25
110	On Estimation of Contamination from Hydrogen Cyanide in Carbon Monoxide Line-intensity Mapping. <i>Astrophysical Journal</i> , 2017, 846, 60.	1.6	13
111	On the galaxyâ€“halo connection in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 471, L11-L15.	1.2	29
112	Inference from the small scales of cosmic shear with current and future Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2567-2583.	1.6	21
113	The Faberâ€“Jackson relation and Fundamental Plane from halo abundance matching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 820-833.	1.6	36
114	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1431-1450.	1.6	156
115	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 24.	3.0	47
116	THE EATING HABITS OF MILKY WAY-MASS HALOS: DESTROYED DWARF SATELLITES AND THE METALLICITY DISTRIBUTION OF ACCRETED STARS. <i>Astrophysical Journal</i> , 2016, 821, 5.	1.6	77
117	DETECTION OF LENSING SUBSTRUCTURE USING ALMA OBSERVATIONS OF THE DUSTY GALAXY SDP.81. <i>Astrophysical Journal</i> , 2016, 823, 37.	1.6	229
118	CONNECTING CO INTENSITY MAPPING TO MOLECULAR GAS AND STAR FORMATION IN THE EPOCH OF GALAXY ASSEMBLY. <i>Astrophysical Journal</i> , 2016, 817, 169.	1.6	100
119	AN ULTRA-FAINT GALAXY CANDIDATE DISCOVERED IN EARLY DATA FROM THE MAGELLANIC SATELLITES SURVEY. <i>Astrophysical Journal Letters</i> , 2016, 833, L5.	3.0	85
120	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
121	A DARK ENERGY CAMERA SEARCH FOR MISSING SUPERGIANTS IN THE LMC AFTER THE ADVANCED LIGO GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L34.	3.0	20
122	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 21-34.	1.6	46
123	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 1.	3.0	233
124	Cosmic shear as a probe of galaxy formation physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3326-3338.	1.6	19
125	THE CONNECTION BETWEEN THE HOST HALO AND THE SATELLITE GALAXIES OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2016, 830, 59.	1.6	20
126	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2245-2281.	1.6	137



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127	Joint measurement of lensing galaxy correlations using SPT and DES SV data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4099-4114.	1.6	50
128	Constraining the mass richness relationship of redMaPPer clusters with angular clustering. Monthly Notices of the Royal Astronomical Society, 2016, 463, 205-221.	1.6	28
129	Weak lensing by galaxy troughs in DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3367-3380.	1.6	71
130	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4301-4324.	1.6	77
131	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2016, 457, 786-808.	1.6	71
132	Rhapsody-G simulations II. Baryonic growth and metal enrichment in massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4408-4427.	1.6	25
133	Disentangling redshift-space distortions and non-linear bias using the 2D power spectrum. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1076-1088.	1.6	15
134	Galaxy cluster mass estimation from stacked spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3900-3912.	1.6	54
135	CMB lensing tomography with the DES Science Verification galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3213-3244.	1.6	95
136	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI-LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	3.0	131
137	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	1.6	405
138	THE DEPENDENCE OF SUBHALO ABUNDANCE ON HALO CONCENTRATION. Astrophysical Journal, 2015, 810, 21.	1.6	86
139	Rhapsody-G simulations: galaxy clusters as baryonic closed boxes and the covariance between hot gas and galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1982-1991.	1.6	31
140	redMaPPer IV. Photometric membership identification of red cluster galaxies with 1% precision. Monthly Notices of the Royal Astronomical Society, 2015, 453, 38-52.	1.6	91
141	Star/galaxy separation at faint magnitudes: application to a simulated Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 450, 666-680.	1.6	43
142	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
143	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	1.6	75
144	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT 3.5 <math>z</math> <math>6.5</math> IN CANDELS. Astrophysical Journal, 2015, 799, 183.	1.6	253

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145	A NEW REDUCTION OF THE BLANCO COSMOLOGY SURVEY: AN OPTICALLY SELECTED GALAXY CLUSTER CATALOG AND A PUBLIC RELEASE OF OPTICAL DATA PRODUCTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 20.	3.0	60
146	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1215-1227.	1.6	53
147	MODELING THE TRANSFER FUNCTION FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 801, 73.	1.6	32
148	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	1.6	106
149	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015, 808, 95.	1.6	132
150	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1260-1265.	1.6	41
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