

Risa H Wechsler

List of Publications by Year in descending order

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261
papers

32,861
citations

3919

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10432
citing authors

#	ARTICLE	IF	CITATIONS
1	THE AVERAGE STAR FORMATION HISTORIES OF GALAXIES IN DARK MATTER HALOS FROM $0 < i > z < / i > = 0-8$. <i>Astrophysical Journal</i> , 2013, 770, 57.	1.6	1,633
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 35.	3.0	1,590
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY – THE $< i > HUBBLE$ SPACE TELESCOPE $< / i >$ OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 36.	3.0	1,549
4	THE ROCKSTAR PHASE-SPACE TEMPORAL HALO FINDER AND THE VELOCITY OFFSETS OF CLUSTER CORES. <i>Astrophysical Journal</i> , 2013, 762, 109.	1.6	1,097
5	Concentrations of Dark Halos from Their Assembly Histories. <i>Astrophysical Journal</i> , 2002, 568, 52-70.	1.6	953
6	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	1.9	825
7	A COMPREHENSIVE ANALYSIS OF UNCERTAINTIES AFFECTING THE STELLAR MASS-HALO MASS RELATION FOR $0 < i > z < / i > < 4$. <i>Astrophysical Journal</i> , 2010, 717, 379-403.	1.6	783
8	The Dark Side of the Halo Occupation Distribution. <i>Astrophysical Journal</i> , 2004, 609, 35-49.	1.6	744
9	UniverseMachine: The correlation between galaxy growth and dark matter halo assembly from $z \hat{=} 0 \hat{\sim} 10$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3143-3194.	1.6	659
10	Modeling Luminosity-dependent Galaxy Clustering through Cosmic Time. <i>Astrophysical Journal</i> , 2006, 647, 201-214.	1.6	654
11	redMaPPer. I. ALGORITHM AND SDSS DR8 CATALOG. <i>Astrophysical Journal</i> , 2014, 785, 104.	1.6	547
12	The Connection Between Galaxies and Their Dark Matter Halos. <i>Annual Review of Astronomy and Astrophysics</i> , 2018, 56, 435-487.	8.1	482
13	A MaxBCG Catalog of 13,823 Galaxy Clusters from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2007, 660, 239-255.	1.6	479
14	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	1.6	466
15	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 18.	3.0	455
16	The shape of dark matter haloes: dependence on mass, redshift, radius and formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1781-1796.	1.6	450
17	GRAVITATIONALLY CONSISTENT HALO CATALOGS AND MERGER TREES FOR PRECISION COSMOLOGY. <i>Astrophysical Journal</i> , 2013, 763, 18.	1.6	450
18	NEW CONSTRAINTS ON THE EVOLUTION OF THE STELLAR-TO-DARK MATTER CONNECTION: A COMBINED ANALYSIS OF GALAXY-GALAXY LENSING, CLUSTERING, AND STELLAR MASS FUNCTIONS FROM $0 < i > z < / i > = 0.2$ TO $< i > z < / i > = 1$. <i>Astrophysical Journal</i> , 2012, 744, 159.	1.6	437

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19	The Dependence of Halo Clustering on Halo Formation History, Concentration, and Occupation. <i>Astrophysical Journal</i> , 2006, 652, 71-84.	1.6	430
20	CONNECTING GALAXIES, HALOS, AND STAR FORMATION RATES ACROSS COSMIC TIME. <i>Astrophysical Journal</i> , 2009, 696, 620-635.	1.6	417
21	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2017, 834, 110.	1.6	412
22	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	1.6	405
23	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> , 2017, 848, L16.	3.0	392
24	COSMOLOGICAL CONSTRAINTS FROM THE SLOAN DIGITAL SKY SURVEY MaxBCG CLUSTER CATALOG. <i>Astrophysical Journal</i> , 2010, 708, 645-660.	1.6	382
25	THE CONNECTION BETWEEN GALAXIES AND DARK MATTER STRUCTURES IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , 2013, 771, 30.	1.6	317
26	The Physics of Galaxy Clustering. I. A Model for Subhalo Populations. <i>Astrophysical Journal</i> , 2005, 624, 505-525.	1.6	300
27	The Origin of Angular Momentum in Dark Matter Halos. <i>Astrophysical Journal</i> , 2002, 581, 799-809.	1.6	290
28	The C4 Clustering Algorithm: Clusters of Galaxies in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 130, 968-1001.	1.9	254
29	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < i > \hat{a} \hat{c} \hat{1} \hat{2} 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , 2015, 799, 183.	1.6	253
30	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal</i> , Supplement Series, 2016, 224, 1.	3.0	233
31	A GMBCG GALAXY CLUSTER CATALOG OF 55,424 RICH CLUSTERS FROM SDSS DR7. <i>Astrophysical Journal</i> , Supplement Series, 2010, 191, 254-274.	3.0	231
32	DETECTION OF LENSING SUBSTRUCTURE USING ALMA OBSERVATIONS OF THE DUSTY GALAXY SDP.81. <i>Astrophysical Journal</i> , 2016, 823, 37.	1.6	229
33	Merger Histories of Galaxy Halos and Implications for Disk Survival. <i>Astrophysical Journal</i> , 2008, 683, 597-610.	1.6	206
34	The DEEP2 Galaxy Redshift Survey: Color and Luminosity Dependence of Galaxy Clustering at		

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37	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	3.0	192
38	ON THE LACK OF EVOLUTION IN GALAXY STAR FORMATION EFFICIENCY. <i>Astrophysical Journal Letters</i> , 2013, 762, L31.	3.0	191
39	The Hierarchical Build-Up of Massive Galaxies and the Intracluster Light since $z = 1$. <i>Astrophysical Journal</i> , 2007, 668, 826-838.	1.6	188
40	THE GALAXY CONTENT OF SDSS CLUSTERS AND GROUPS. <i>Astrophysical Journal</i> , 2009, 699, 1333-1353.	1.6	186
41	The SAGA Survey. I. Satellite Galaxy Populations around Eight Milky Way Analogs. <i>Astrophysical Journal</i> , 2017, 847, 4.	1.6	165
42	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
43	Measurement of Galaxy Cluster Sizes, Radial Profiles, and Luminosity Functions from SDSS Photometric Data. <i>Astrophysical Journal</i> , 2005, 633, 122-137.	1.6	154
44	ROBUST OPTICAL RICHNESS ESTIMATION WITH REDUCED SCATTER. <i>Astrophysical Journal</i> , 2012, 746, 178.	1.6	150
45	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 592-610.	1.6	145
46	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. <i>Physical Review Letters</i> , 2021, 126, 091101.	2.9	144
47	Modeling Galaxy-Mass Correlations in Dissipationless Simulations. <i>Astrophysical Journal</i> , 2004, 614, 533-546.	1.6	142
48	The DES Science Verification weak lensing shear catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2245-2281.	1.6	137
49	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015, 808, 95.	1.6	132
50	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH γ -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015, 809, L4.	3.0	131
51	CONSTRAINING THE SCATTER IN THE MASS-RICHNESS RELATION OF maxBCG CLUSTERS WITH WEAK LENSING AND X-RAY DATA. <i>Astrophysical Journal</i> , 2009, 699, 768-781.	1.6	130
52	Galaxy halo occupation at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 246-256.	1.6	127
53	Weak lensing measurement of the mass-richness relation of SDSS redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3103-3118.	1.6	126
54	THE ASSEMBLY OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2009, 690, 1292-1302.	1.6	125

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55	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	3.0	120
56	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. <i>Astrophysical Journal</i> , 2017, 838, 8.	1.6	119
57	GALAXIES IN X-RAY GROUPS. II. A WEAK LENSING STUDY OF HALO CENTERING. <i>Astrophysical Journal</i> , 2012, 757, 2.	1.6	118
58	GALAXIES IN X-RAY GROUPS. I. ROBUST MEMBERSHIP ASSIGNMENT AND THE IMPACT OF GROUP ENVIRONMENTS ON QUENCHING. <i>Astrophysical Journal</i> , 2011, 742, 125.	1.6	118
59	A THEORETICAL FRAMEWORK FOR COMBINING TECHNIQUES THAT PROBE THE LINK BETWEEN GALAXIES AND DARK MATTER. <i>Astrophysical Journal</i> , 2011, 738, 45.	1.6	117
60	EVOLUTION OF THE STELLAR-TO-DARK MATTER RELATION: SEPARATING STAR-FORMING AND PASSIVE GALAXIES FROM $\langle i \rangle_z \leq 1$ TO 0. <i>Astrophysical Journal</i> , 2013, 778, 93.	1.6	117
61	USING CUMULATIVE NUMBER DENSITIES TO COMPARE GALAXIES ACROSS COSMIC TIME. <i>Astrophysical Journal Letters</i> , 2013, 777, L10.	3.0	116
62	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
63	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERING AND THE MASS-TO-NUMBER RATIO OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2012, 745, 16.	1.6	114
64	Constraints on Dark Matter Microphysics from the Milky Way Satellite Population. <i>Astrophysical Journal Letters</i> , 2019, 878, L32.	3.0	110
65	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
66	GALAXY MERGERS AND DARK MATTER HALO MERGERS IN Λ CDM: MASS, REDSHIFT, AND MASS-RATIO DEPENDENCE. <i>Astrophysical Journal</i> , 2009, 702, 1005-1015.	1.6	107
67	HOW COMMON ARE THE MAGELLANIC CLOUDS?. <i>Astrophysical Journal</i> , 2011, 733, 62.	1.6	107
68	Galaxy-galaxy lensing: dissipationless simulations versus the halo model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 1451-1462.	1.6	106
69	GAS-RICH MERGERS IN LCDM: DISK SURVIVABILITY AND THE BARYONIC ASSEMBLY OF GALAXIES. <i>Astrophysical Journal</i> , 2009, 702, 307-317.	1.6	106
70	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	1.6	106
71	CROSS-CORRELATION WEAK LENSING OF SDSS GALAXY CLUSTERS. I. MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 703, 2217-2231.	1.6	104
72	Dark matter at the end of the Galaxy. <i>Physical Review D</i> , 2011, 83, .	1.6	104

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73	THE CONCENTRATION DEPENDENCE OF THE GALAXYâ€“HALO CONNECTION: MODELING ASSEMBLY BIAS WITH ABUNDANCE MATCHING. <i>Astrophysical Journal</i> , 2017, 834, 37.	1.6	104
74	The Aemulus Project. II. Emulating the Halo Mass Function. <i>Astrophysical Journal</i> , 2019, 872, 53.	1.6	102
75	The Mean and Scatter of the Velocity Dispersionâ€“Optical Richness Relation for maxBCG Galaxy Clusters. <i>Astrophysical Journal</i> , 2007, 669, 905-928.	1.6	101
76	THE INTEGRATED STELLAR CONTENT OF DARK MATTER HALOS. <i>Astrophysical Journal</i> , 2012, 746, 95.	1.6	101
77	MERGERS AND MASS ACCRETION FOR INFALLING HALOS BOTH END WELL OUTSIDE CLUSTER VIRIAL RADII. <i>Astrophysical Journal</i> , 2014, 787, 156.	1.6	101
78	Milky Way Satellite Census. II. Galaxyâ€“Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020, 893, 48.	1.6	101
79	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
80	ArborZ: PHOTOMETRIC REDSHIFTS USING BOOSTED DECISION TREES. <i>Astrophysical Journal</i> , 2010, 715, 823-832.	1.6	98
81	CMB lensing tomography with the DES Science Verification galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3213-3244.	1.6	95
82	The Aemulus Project. I. Numerical Simulations for Precision Cosmology. <i>Astrophysical Journal</i> , 2019, 875, 69.	1.6	94
83	THE IMPACT OF INHOMOGENEOUS REIONIZATION ON THE SATELLITE GALAXY POPULATION OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2010, 710, 408-420.	1.6	93
84	The Aemulus Project. III. Emulation of the Galaxy Correlation Function. <i>Astrophysical Journal</i> , 2019, 874, 95.	1.6	93
85	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 24.	3.0	93
86	SEMI-ANALYTIC MODELS FOR THE CANDELS SURVEY: COMPARISON OF PREDICTIONS FOR INTRINSIC GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2014, 795, 123.	1.6	91
87	redMaPPer â€“ IV. Photometric membership identification of red cluster galaxies with 1â€“percent precision. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 38-52.	1.6	91
88	HALO-TO-HALO SIMILARITY AND SCATTER IN THE VELOCITY DISTRIBUTION OF DARK MATTER. <i>Astrophysical Journal</i> , 2013, 764, 35.	1.6	90
89	STATISTICS OF SATELLITE GALAXIES AROUND MILKY-WAY-LIKE HOSTS. <i>Astrophysical Journal</i> , 2011, 743, 117.	1.6	89
90	The $L</i>X</i>$ relation of clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 387, L28-L32.	1.2	88

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91	Beyond assembly bias: exploring secondary halo biases for cluster-size haloes. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5143-5157.	1.6	88
92	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
93	THE DEPENDENCE OF SUBHALO ABUNDANCE ON HALO CONCENTRATION. Astrophysical Journal, 2015, 810, 21.	1.6	86
94	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
95	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	2.9	86
96	Close Galaxy Counts as a Probe of Hierarchical Structure Formation. Astrophysical Journal, 2006, 652, 56-70.	1.6	85
97	AN ULTRA-FAINT GALAXY CANDIDATE DISCOVERED IN EARLY DATA FROM THE MAGELLANIC SATELLITES SURVEY. Astrophysical Journal Letters, 2016, 833, L5.	3.0	85
98	MAPPING THE DARK MATTER FROM UV LIGHT AT HIGH REDSHIFT: AN EMPIRICAL APPROACH TO UNDERSTAND GALAXY STATISTICS. Astrophysical Journal, 2009, 695, 368-390.	1.6	83
99	Uncertainties in Parameters Estimated with Neural Networks: Application to Strong Gravitational Lensing. Astrophysical Journal Letters, 2017, 850, L7.	3.0	83
100	THE MASS DISTRIBUTION AND ASSEMBLY OF THE MILKY WAY FROM THE PROPERTIES OF THE MAGELLANIC CLOUDS. Astrophysical Journal, 2011, 743, 40.	1.6	82
101	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
102	IMPROVEMENT OF THE RICHNESS ESTIMATES OF maxBCG CLUSTERS. Astrophysical Journal, 2009, 703, 601-613.	1.6	77
103	THE EATING HABITS OF MILKY WAY-MASS HALOS: DESTROYED DWARF SATELLITES AND THE METALLICITY DISTRIBUTION OF ACCRETED STARS. Astrophysical Journal, 2016, 821, 5.	1.6	77
104	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
105	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	1.6	77
106	The effect of large-scale structure on the SDSS galaxy three-point correlation function. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1507-1514.	1.6	76
107	A MEASUREMENT OF THE CORRELATION OF GALAXY SURVEYS WITH CMB LENSING CONVERGENCE MAPS FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal Letters, 2012, 753, L9.	3.0	76
108	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

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109	Isolating Triggered Star Formation. <i>Astrophysical Journal</i> , 2007, 671, 1538-1549.	1.6	74
110	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
111	The ultimate halo mass in a Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 363, L11-L15.	1.2	73
112	Spatially unassociated galaxies contribute significantly to the blended submillimetre galaxy population: predictions for follow-up observations of ALMA sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2572-2581.	1.6	73
113	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
114	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
115	Future Evolution of Cosmic Structure in an Accelerating Universe. <i>Astrophysical Journal</i> , 2003, 596, 713-724.	1.6	70
116	Cross-Correlation Lensing: Determining Galaxy and Cluster Mass Profiles from Statistical Weak-Lensing Measurements. <i>Astrophysical Journal</i> , 2007, 656, 27-41.	1.6	70
117	CROSS-CORRELATION WEAK LENSING OF SDSS GALAXY CLUSTERS. III. MASS-TO-LIGHT RATIOS. <i>Astrophysical Journal</i> , 2009, 703, 2232-2248.	1.6	69
118	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. <i>Astrophysical Journal</i> , 2018, 864, 83.	1.6	69
119	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
120	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 26.	3.0	67
121	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
122	Measuring the Mean and Scatter of the X-Ray Luminosity-Optical Richness Relation for maxBCG Galaxy Clusters. <i>Astrophysical Journal</i> , 2008, 675, 1106-1124.	1.6	66
123	Spectroscopic needs for imaging dark energy experiments. <i>Astroparticle Physics</i> , 2015, 63, 81-100.	1.9	66
124	Galaxy Formation at $z \sim 3$: Constraints from Spatial Clustering. <i>Astrophysical Journal</i> , 2001, 554, 85-103.	1.6	65
125	The Tully-Fisher and mass-size relations from halo abundance matching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 322-343.	1.6	63
126	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

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127	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
128	A NEW REDUCTION OF THE BLANCO COSMOLOGY SURVEY: AN OPTICALLY SELECTED GALAXY CLUSTER CATALOG AND A PUBLIC RELEASE OF OPTICAL DATA PRODUCTS. Astrophysical Journal, Supplement Series, 2015, 216, 20.	3.0	60
129	DES J0454~4448: discovery of the first luminous $z \approx 6$ quasar from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3952-3961.	1.6	60
130	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	1.6	60
131	CANDELS OBSERVATIONS OF THE ENVIRONMENTAL DEPENDENCE OF THE COLOR-MASS-MORPHOLOGY RELATION AT $z = 1.6$. Astrophysical Journal, 2013, 770, 58.	1.6	59
132	CONNECTING REIONIZATION TO THE LOCAL UNIVERSE. Astrophysical Journal, 2009, 703, L167-L171.	1.6	58
133	Spatial clustering of dark matter haloes: secondary bias, neighbour bias, and the influence of massive neighbours on halo properties. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4411-4423.	1.6	57
134	Dark Matter Constraints from a Unified Analysis of Strong Gravitational Lenses and Milky Way Satellite Galaxies. Astrophysical Journal, 2021, 917, 7.	1.6	56
135	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L33.	3.0	55
136	Modeling the Connection between Subhalos and Satellites in Milky Way-like Systems. Astrophysical Journal, 2019, 873, 34.	1.6	55
137	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
138	Galaxy cluster mass estimation from stacked spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3900-3912.	1.6	54
139	UNIT project: Universe N-body simulations for the Investigation of Theoretical models from galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2019, 487, 48-59.	1.6	54
140	THE VORONOI TESSELLATION CLUSTER FINDER IN 2+1 DIMENSIONS. Astrophysical Journal, 2011, 727, 45.	1.6	53
141	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1215-1227.	1.6	53
142	RHAPSODY. I. STRUCTURAL PROPERTIES AND FORMATION HISTORY FROM A STATISTICAL SAMPLE OF RE-SIMULATED CLUSTER-SIZE HALOS. Astrophysical Journal, 2013, 763, 70.	1.6	52
143	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
144	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2900-2918.	1.6	52

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145	A NEW MILKY WAY HALO STAR CLUSTER IN THE SOUTHERN GALACTIC SKY. <i>Astrophysical Journal</i> , 2013, 767, 101.	1.6	51
146	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
147	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
148	Modeling the Galaxy Three-Point Correlation Function. <i>Astrophysical Journal</i> , 2008, 672, 849-860.	1.6	49
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