

# Ofer Lahav

## List of Publications by Year in descending order

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Version: 2024-02-01

410  
papers

40,635  
citations

2963

93  
h-index

2940

189  
g-index

414  
all docs

414  
docs citations

414  
times ranked

20549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
2	The 2dF Galaxy Redshift Survey: spectra and redshifts. Monthly Notices of the Royal Astronomical Society, 2001, 328, 1039-1063.	1.6	1,833
3	The 2dF Galaxy Redshift Survey: power-spectrum analysis of the final data set and cosmological implications. Monthly Notices of the Royal Astronomical Society, 2005, 362, 505-534.	1.6	1,599
4	The 2dF galaxy redshift survey: near-infrared galaxy luminosity functions. Monthly Notices of the Royal Astronomical Society, 2001, 326, 255-273.	1.6	794
5	The 6dF Galaxy Survey: final redshift release (DR3) and southern large-scale structures. Monthly Notices of the Royal Astronomical Society, 2009, 399, 683-698.	1.6	766
6	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. Physical Review D, 2018, 98, .	1.6	751
7	THE DARK ENERGY CAMERA. Astronomical Journal, 2015, 150, 150.	1.9	718
8	The 2dF Galaxy Redshift Survey: the power spectrum and the matter content of the Universe. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1297-1306.	1.6	672
9	The 2dF Galaxy Redshift Survey: correlation functions, peculiar velocities and the matter density of the Universe. Monthly Notices of the Royal Astronomical Society, 2003, 346, 78-96.	1.6	664
10	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE: AN OVERVIEW. Astrophysical Journal, Supplement Series, 2012, 199, 25.	3.0	659
11	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
12	The 2dF Galaxy Redshift Survey: the environmental dependence of galaxy star formation rates near clusters. Monthly Notices of the Royal Astronomical Society, 2002, 334, 673-683.	1.6	622
13	Dynamical effects of the cosmological constant. Monthly Notices of the Royal Astronomical Society, 1991, 251, 128-136.	1.6	574
14	A measurement of the cosmological mass density from clustering in the 2dF Galaxy Redshift Survey. Nature, 2001, 410, 169-173.	13.7	545
15	The 2dF Galaxy Redshift Survey: the bias of galaxies and the density of the Universe. Monthly Notices of the Royal Astronomical Society, 2002, 335, 432-440.	1.6	504
16	THE 2MASS REDSHIFT SURVEYâ€™DESCRIPTION AND DATA RELEASE. Astrophysical Journal, Supplement Series, 2012, 199, 26.	3.0	492
17	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	1.6	466
18	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	3.0	455

#	ARTICLE	IF	CITATIONS
19	Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1355-1372.	1.6	443
20	The 6dF Galaxy Survey: samples, observational techniques and the first data release. Monthly Notices of the Royal Astronomical Society, 2004, 355, 747-763.	1.6	425
21	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. Astrophysical Journal, 2017, 834, 110.	1.6	412
22	The 2dF Galaxy Redshift Survey: the dependence of galaxy clustering on luminosity and spectral type. Monthly Notices of the Royal Astronomical Society, 2002, 332, 827-838.	1.6	411
23	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	1.6	405
24	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
25	The 2dF Galaxy Redshift Survey: the bj-band galaxy luminosity function and survey selection function. Monthly Notices of the Royal Astronomical Society, 2002, 336, 907-931.	1.6	371
26	ANNz: Estimating Photometric Redshifts Using Artificial Neural Networks. Publications of the Astronomical Society of the Pacific, 2004, 116, 345-351.	1.0	370
27	The 2dF Galaxy Redshift Survey: luminosity dependence of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2001, 328, 64-70.	1.6	362
28	Stochastic Nonlinear Galaxy Biasing. Astrophysical Journal, 1999, 520, 24-34.	1.6	308
29	Galaxy groups in the 2dFGRS: the group-finding algorithm and the 2PIGG catalogue. Monthly Notices of the Royal Astronomical Society, 2004, 348, 866-878.	1.6	307
30	The 2dF Galaxy Redshift Survey: galaxy luminosity functions per spectral type. Monthly Notices of the Royal Astronomical Society, 2002, 333, 133-144.	1.6	280
31	Parameter constraints for flat cosmologies from cosmic microwave background and 2dFGRS power spectra. Monthly Notices of the Royal Astronomical Society, 2002, 337, 1068-1080.	1.6	275
32	A magnified young galaxy from about 500 million years after the Big Bang. Nature, 2012, 489, 406-408.	13.7	273
33	The 2dF Galaxy Redshift Survey: spectral types and luminosity functions. Monthly Notices of the Royal Astronomical Society, 1999, 308, 459-472.	1.6	248
34	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	3.0	233
35	EVIDENCE FOR UBIQUITOUS HIGH-EQUIVALENT-WIDTH NEBULAR EMISSION IN $z \sim 7$ GALAXIES: TOWARD A CLEAN MEASUREMENT OF THE SPECIFIC STAR-FORMATION RATE USING A SAMPLE OF BRIGHT, MAGNIFIED GALAXIES. Astrophysical Journal, 2014, 784, 58.	1.6	232
36	Evidence for a non-zero and a low matter density from a combined analysis of the 2dF Galaxy Redshift Survey and cosmic microwave background anisotropies. Monthly Notices of the Royal Astronomical Society, 2002, 330, L29-L35.	1.6	227

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37	The 2dF Galaxy Redshift Survey: luminosity functions by density environment and galaxy type. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1155-1167.	1.6	216
38	Radio sources in the 2dF Galaxy Redshift Survey - II. Local radio luminosity functions for AGN and star-forming galaxies at 1.4 GHz. Monthly Notices of the Royal Astronomical Society, 2002, 329, 227-245.	1.6	209
39	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
40	The 2dF Galaxy Redshift Survey: spherical harmonics analysis of fluctuations in the final catalogue. Monthly Notices of the Royal Astronomical Society, 2004, 353, 1201-1218.	1.6	198
41	Rethinking Desalinated Water Quality and Agriculture. Science, 2007, 318, 920-921.	6.0	196
42	Dark Energy Survey Year 1 Results: A Precise H0 Estimate from DES Y1, BAO, and D/H Data. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3879-3888.	1.6	196
43	ASTROPHYSICS: Precision Cosmology? Not Just Yet . . . Science, 2003, 299, 1532-1533.	6.0	195
44	PHAT: PHoto- <i>z</i> Accuracy Testing. Astronomy and Astrophysics, 2010, 523, A31.	2.1	194
45	Massive lossless data compression and multiple parameter estimation from galaxy spectra. Monthly Notices of the Royal Astronomical Society, 2000, 317, 965-972.	1.6	193
46	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	1.6	193
47	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	3.0	192
48	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
49	The 2dF Galaxy Redshift Survey: the amplitudes of fluctuations in the 2dFGRS and the CMB, and implications for galaxy biasing. Monthly Notices of the Royal Astronomical Society, 2002, 333, 961-968.	1.6	174
50	The 2dF Galaxy Redshift Survey: galaxy clustering per spectral type. Monthly Notices of the Royal Astronomical Society, 2003, 344, 847-856.	1.6	170
51	CLASH: THE CONCENTRATION-MASS RELATION OF GALAXY CLUSTERS. Astrophysical Journal, 2015, 806, 4.	1.6	170
52	Estimating photometric redshifts with artificial neural networks. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1195-1202.	1.6	162
53	A CENSUS OF STAR-FORMING GALAXIES IN THE $z \sim 9-10$ UNIVERSE BASED ON <i>HST</i> + <i>SPITZER</i> OBSERVATIONS OVER 19 CLASH CLUSTERS: THREE CANDIDATE $z \sim 9-10$ GALAXIES AND IMPROVED CONSTRAINTS ON THE STAR FORMATION RATE DENSITY AT $z \sim 9.2$ . Astrophysical Journal, 2014, 795, 126.	1.6	159
54	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

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55	Galaxy Zoo: reproducing galaxy morphologies via machine learning. Monthly Notices of the Royal Astronomical Society, 2010, 406, 342-353.	1.6	153
56	The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 342, 725-737.	1.6	151
57	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
58	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
59	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	1.6	144
60	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	2.9	144
61	Reconstructed density and velocity fields from the 2MASS Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2006, 373, 45-64.	1.6	143
62	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
63	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. Physical Review D, 2020, 102, .	1.6	140
64	Cosmological baryonic and matter densities from 600 000 SDSS luminous red galaxies with photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1527-1548.	1.6	139
65	PHOTOMETRIC SUPERNOVA CLASSIFICATION WITH MACHINE LEARNING. Astrophysical Journal, Supplement Series, 2016, 225, 31.	3.0	138
66	The DES Science Verification weak lensing shear catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2245-2281.	1.6	137
67	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
68	The large-scale smoothness of the Universe. Nature, 1999, 397, 225-230.	13.7	133
69	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. Astrophysical Journal, 2015, 808, 95.	1.6	132
70	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH <i>FERMI</i>-LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	3.0	131
71	Galaxy groups in the Two-degree Field Galaxy Redshift Survey: the luminous content of the groups. Monthly Notices of the Royal Astronomical Society, 2004, 355, 769-784.	1.6	125
72	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	1.6	125

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73	Morphological Classification of galaxies by Artificial Neural Networks. Monthly Notices of the Royal Astronomical Society, 1992, 259, 8P-12P.	1.6	120
74	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	3.0	120
75	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
76	ANNz2: Photometric Redshift and Probability Distribution Function Estimation using Machine Learning. Publications of the Astronomical Society of the Pacific, 2016, 128, 104502.	1.0	118
77	The Atacama Cosmology Telescope: A Catalog of $>4000$ Sunyaev-Zel'dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	3.0	118
78	A spherical harmonic approach to redshift distortion and a measurement of $\Omega_m$ from the 1.2-Jy IRAS Redshift Survey. Monthly Notices of the Royal Astronomical Society, 1994, 266, 219-226.	1.6	116
79	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. Astrophysical Journal, 2014, 797, 34.	1.6	115
80	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. Astrophysical Journal, 2012, 757, 22.	1.6	112
81	The 2dF Galaxy Redshift Survey: the local E+A galaxy population. Monthly Notices of the Royal Astronomical Society, 2004, 355, 713-727.	1.6	111
82	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
83	The dipole anisotropy of the 2 Micron All-Sky Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1515-1526.	1.6	109
84	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
85	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	1.9	107
86	An artificial neural network approach to the classification of galaxy spectra. Monthly Notices of the Royal Astronomical Society, 1996, 283, 651-665.	1.6	105
87	The 2dF Galaxy Redshift Survey: the number and luminosity density of galaxies. Monthly Notices of the Royal Astronomical Society, 2001, 324, 825-841.	1.6	105
88	CLASH-X: A COMPARISON OF LENSING AND X-RAY TECHNIQUES FOR MEASURING THE MASS PROFILES OF GALAXY CLUSTERS. Astrophysical Journal, 2014, 794, 136.	1.6	105
89	Combining cosmological data sets: hyperparameters and Bayesian evidence. Monthly Notices of the Royal Astronomical Society, 2002, 335, 377-388.	1.6	103
90	CLASH: MASS DISTRIBUTION IN AND AROUND MACS J1206.2-0847 FROM A FULL CLUSTER LENSING ANALYSIS. Astrophysical Journal, 2012, 755, 56.	1.6	101

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91	An r-process Enhanced Star in the Dwarf Galaxy Tucana III*. <i>Astrophysical Journal</i> , 2017, 838, 44.	1.6	101
92	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
93	CLASH: A CENSUS OF MAGNIFIED STAR-FORMING GALAXIES AT $z \sim 6-8$ . <i>Astrophysical Journal</i> , 2014, 792, 76.	1.6	98
94	Automated morphological classification of APM galaxies by supervised artificial neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 275, 567-590.	1.6	97
95	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
96	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal</i> , Supplement Series, 2021, 254, 24.	3.0	93
97	Eight new luminous $z \sim 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4702-4718.	1.6	92
98	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , 2019, 874, 150.	1.6	92
99	The Las Campanas Infrared Survey: Early-Type Galaxy Progenitors beyond $[CLC]_{[ITAL]}z_{[ITAL]}$ . <i>Astrophysical Journal</i> , 2001, 560, L131-L134.	1.6	89
100	MegaZ-LRG: a photometric redshift catalogue of one million SDSS luminous red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 68-76.	1.6	88
101	Detection of the kinematic Sunyaevâ€“Zel'dovich effect with DES Year 1 and SPT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3172-3193.	1.6	88
102	Constraints on the richnessâ€“mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2305-2319.	1.6	87
103	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4899-4920.	1.6	87
104	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
105	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	2.9	86
106	Cross-correlation of 2MASS and WMAP 3: implications for the integrated Sachs-Wolfe effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1085-1094.	1.6	85
107	The Las Campanas Infrared Survey - II. Photometric redshifts, comparison with models and clustering evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 617-646.	1.6	84
108	A buyerâ€™s guide to the Hubble constant. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1.	9.1	83

#	ARTICLE	IF	CITATIONS
109	Galaxies, Human Eyes, and Artificial Neural Networks. <i>Science</i> , 1995, 267, 859-862.	6.0	82
110	The two-point correlation function and morphological segregation in the Optical Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 283, 709-720.	1.6	81
111	The 2dF Galaxy Redshift Survey: the blue galaxy fraction and implications for the Butcher-Oemler effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 125-132.	1.6	80
112	Halo-model signatures from 380,000 Sloan Digital Sky Survey luminous red galaxies with photometric redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1257-1269.	1.6	80
113	Neural computation as a tool for galaxy classification: methods and examples. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 283, 207-221.	1.6	79
114	CLASH: COMPLETE LENSING ANALYSIS OF THE LARGEST COSMIC LENS MACS J0717.5+3745 AND SURROUNDING STRUCTURES. <i>Astrophysical Journal</i> , 2013, 777, 43.	1.6	79
115	Variance and skewness in the FIRST survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 257-268.	1.6	78
116	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
117	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
118	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
119	The 2dF Galaxy Redshift Survey: a targeted study of catalogued clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 87-101.	1.6	75
120	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
121	A comparison of six photometric redshift methods applied to 1.5 million luminous red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1891-1903.	1.6	74
122	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
123	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
124	Photometric redshifts for weak lensing tomography from space: the role of optical and near infrared photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 969-986.	1.6	72
125	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
126	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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127	The spatial distribution of X-ray clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 1989, 238, 881-895.	1.6	70
128	Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at $0.2 < z < 1.25$ . Monthly Notices of the Royal Astronomical Society, 2018, 478, 3072-3099.	1.6	70
129	Neutrino masses from cosmological probes. New Journal of Physics, 2005, 7, 61-61.	1.2	69
130	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. Astrophysical Journal, 2018, 864, 83.	1.6	69
131	The 2dF Galaxy Redshift Survey: higher-order galaxy correlation functions. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1232-1244.	1.6	68
132	The 2dF Galaxy Redshift Survey: stochastic relative biasing between galaxy populations. Monthly Notices of the Royal Astronomical Society, 2005, 356, 247-269.	1.6	68
133	Survey geometry and the internal consistency of recent cosmic shear measurements. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4998-5004.	1.6	68
134	Superluminous supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2215-2241.	1.6	67
135	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
136	Spectroscopic needs for imaging dark energy experiments. Astroparticle Physics, 2015, 63, 81-100.	1.9	66
137	The 2dF Galaxy Redshift Survey: Wiener reconstruction of the cosmic web. Monthly Notices of the Royal Astronomical Society, 2004, 352, 939-960.	1.6	64
138	Three new VHS DES quasars at $6.7 < z < 6.9$ and emission line properties at $z > 6.5$ . Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	1.6	64
139	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE (CLASH): STRONG-LENSING ANALYSIS OF A383 FROM 16-BAND HST/WFC3/ACS IMAGING. Astrophysical Journal, 2011, 742, 117.	1.6	63
140	The 2dF Galaxy Redshift Survey: hierarchical galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2004, 351, L44-L48.	1.6	62
141	Finding high-redshift strong lenses in DES using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5330-5349.	1.6	62
142	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1171-1187.	1.6	62
143	Distribution of red and blue galaxies in groups: an empirical test of the halo model. Monthly Notices of the Royal Astronomical Society, 2005, 361, 415-427.	1.6	61
144	DES J0454+4448: discovery of the first luminous $z > 6$ quasar from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3952-3961.	1.6	60

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145	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
146	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. Astrophysical Journal, 2019, 874, 106.	1.6	60
147	The Universe behind the Milky Way. Astronomy and Astrophysics Review, 2000, 10, 211-261.	9.1	59
148	The 2dF Galaxy Redshift Survey: voids and hierarchical scaling models. Monthly Notices of the Royal Astronomical Society, 2004, 352, 828-836.	1.6	59
149	Cosmological deductions from the alignment of local gravity and motion. Monthly Notices of the Royal Astronomical Society, 1989, 241, 325-345.	1.6	58
150	CLASH: NEW MULTIPLE IMAGES CONSTRAINING THE INNER MASS PROFILE OF MACS J1206.2â€“0847. Astrophysical Journal, 2012, 749, 97.	1.6	58
151	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	1.6	58
152	A new post-treatment process for attaining Ca <sup>2+</sup> , Mg <sup>2+</sup> , SO <sub>4</sub> <sup>2-</sup> and alkalinity criteria in desalinated water. Water Research, 2007, 41, 3989-3997.	5.3	56
153	Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2219-2238.	1.6	55
154	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
155	The 2dF galaxy redshift survey: clustering properties of radio galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1485-1494.	1.6	54
156	The 2dF Galaxy Redshift Survey: the clustering of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2004, 352, 211-225.	1.6	53
157	Excess Clustering on Large Scales in the MegaZ DR7 Photometric Redshift Survey. Physical Review Letters, 2011, 106, 241301.	2.9	53
158	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1215-1227.	1.6	53
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