

Sahar Allam

List of Publications by Year in descending order

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Version: 2024-02-01

232
papers

21,357
citations

17440

63
h-index

9861

141
g-index

234
all docs

234
docs citations

234
times ranked

11430
citing authors

#	ARTICLE	IF	CITATIONS
1	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022, 925, 118.	4.5	8
2	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal</i> , Supplement Series, 2022, 258, 15.	7.7	21
3	Dark Energy Survey Year 3 results: marginalization over redshift distribution uncertainties using ranking of discrete realizations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2170-2185.	4.4	18
4	Dark energy survey year 3 results: Cosmology with peaks using an emulator approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2075-2104.	4.4	34
5	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. <i>Astrophysical Journal</i> , Supplement Series, 2022, 258, 41.	7.7	27
6	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal</i> , Supplement Series, 2022, 259, 27.	7.7	4
7	The Observed Evolution of the Stellar Mass–Halo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , 2022, 928, 28.	4.5	11
8	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022, 163, 146.	4.7	7
9	Lensing without borders – I. A blind comparison of the amplitude of galaxy–galaxy lensing between independent imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6150-6189.	4.4	12
10	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022, 929, 115.	4.5	9
11	Milky Way Satellite Census. IV. Constraints on Decaying Dark Matter from Observations of Milky Way Satellite Galaxies. <i>Astrophysical Journal</i> , 2022, 932, 128.	4.5	16
12	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.	4.5	6
13	A machine learning approach to galaxy properties: joint redshift–stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2770-2786.	4.4	19
14	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , Supplement Series, 2021, 252, 18.	7.7	56
15	Dark energy survey internal consistency tests of the joint cosmological probes analysis with posterior predictive distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2688-2705.	4.4	20
16	The WazP galaxy cluster sample of the dark energy survey year 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4435-4456.	4.4	15
17	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev–Zeldovich Galaxy Clusters. <i>Astrophysical Journal</i> , Supplement Series, 2021, 253, 3.	7.7	118
18	Pushing automated morphological classifications to their limits with the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1927-1943.	4.4	33

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19	Consistency of cosmic shear analyses in harmonic and real space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3796-3817.	4.4	14
20	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.	4.4	12
21	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	7.8	144
22	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. Astrophysical Journal, 2021, 911, 109.	4.5	18
23	Dark energy survey year 3 results: weak lensing shape catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4312-4336.	4.4	77
24	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4626-4645.	4.4	42
25	Photometric cross-calibration of the SDSS Stripe 82 Standard Stars catalogue with Gaia EDR3, and comparison with Pan-STARRS1, DES, CFIS, and <i>GALEX</i> catalogues. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5941-5956.	4.4	17
26	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93
27	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.	4.4	17
28	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.	4.4	67
29	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.	4.4	5
30	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	4.4	37
31	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.	4.4	32
32	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	7.7	120
33	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. Astrophysical Journal, 2021, 916, 81.	4.5	14
34	Reducing Ground-based Astrometric Errors with Gaia and Gaussian Processes. Astronomical Journal, 2021, 162, 106.	4.7	8
35	OzDES Reverberation Mapping Programme: the first Mg% <i>scp</i> lags from 5 yr of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3771-3788.	4.4	24
36	The DECam Local Volume Exploration Survey: Overview and First Data Release. Astrophysical Journal, Supplement Series, 2021, 256, 2.	7.7	47

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37	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5758-5779.	4.4	20
38	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4861-4876.	4.4	42
39	C/2014 UN ₂₇₁ (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021, 921, L37.	8.3	21
40	RR Lyrae Stars in the Newly Discovered Ultra-faint Dwarf Galaxy Centaurus I*. <i>Astronomical Journal</i> , 2021, 162, 253.	4.7	6
41	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star–Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021, 923, 258.	4.5	19
42	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021, 923, 37.	4.5	20
43	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4040-4060.	4.4	30
44	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4426-4447.	4.4	63
45	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3491-3511.	4.4	34
46	Blinding multiprobe cosmological experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4454-4470.	4.4	22
47	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.	4.4	20
48	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps – validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4060-4087.	4.4	29
49	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 19-35.	4.4	43
50	Optical follow-up of gravitational wave triggers with DECam during the first two LIGO/VIRGO observing runs. <i>Astronomy and Computing</i> , 2020, 33, 100425.	1.7	9
51	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1308-1322.	4.4	6
52	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3636-3647.	4.4	6
53	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 771-798.	4.4	12
54	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2575-2593.	4.4	24

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55	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408+5354 and WGD 2038+4008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3241-3274.		10
56	The Curious Case of PHL 293B: A Long-lived Transient in a Metal-poor Blue Compact Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 894, L5.	8.3	16
57	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V*. <i>Astrophysical Journal</i> , 2020, 892, 137.	4.5	43
58	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5576-5589.	4.4	5
59	A joint SZ X-ray optical analysis of the dynamical state of 288 massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 705-725.	4.4	24
60	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4860-4892.	4.4	12
61	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 95-110.	4.4	8
62	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.	4.5	49
63	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 16.	7.7	33
64	Detailed Abundances in the Ultra-faint Magellanic Satellites Carina II and III. <i>Astrophysical Journal</i> , 2020, 889, 27.	4.5	38
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.	4.5	110
66	Increasing the census of ultracool dwarfs in wide binary and multiple systems using Dark Energy Survey DR1 and Gaia DR2 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5302-5317.	4.4	3
67	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020, 893, 48.	4.5	101
68	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis*. <i>Astrophysical Journal</i> , 2020, 897, 183.	4.5	18
69	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. <i>Astrophysical Journal</i> , 2020, 901, 83.	4.5	28
70	A DESGW Search for the Electromagnetic Counterpart to the LIGO/Virgo Gravitational-wave Binary Neutron Star Merger Candidate S190510g. <i>Astrophysical Journal</i> , 2020, 903, 75.	4.5	8
71	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 896, L13.	8.3	19
72	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.	8.3	74

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73	Testing the Isotropy of the Dark Energy Survey's Extreme Trans-Neptunian Objects. Planetary Science Journal, 2020, 1, 28.	3.6	24
74	The Diffuse Light Envelope of Luminous Red Galaxies. Research Notes of the AAS, 2020, 4, 174.	0.7	0
75	On the relative bias of void tracers in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2836-2852.	4.4	37
76	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data – II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1-17.	4.4	8
77	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.	4.4	109
78	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. Physical Review Letters, 2019, 123, 181301.	7.8	12
79	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". Icarus, 2019, 334, 79-88.	2.5	1
80	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.	4.4	62
81	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3508-3531.	4.4	68
82	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.	4.4	7
83	A Faint Halo Star Cluster Discovered in the Blanco Imaging of the Southern Sky Survey. Astrophysical Journal, 2019, 875, 154.	4.5	21
84	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3870-3883.	4.4	21
85	High redshift black hole mass measurements with the Australian Dark Energy Survey (OzDES). Monthly Notices of the Royal Astronomical Society, 2019, 487, 3650-3663.	4.4	35
86	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. Astrophysical Journal, 2019, 874, 106.	4.5	60
87	Three new VHS DES quasars at $z \approx 6.7$ and $z \approx 6.9$ and emission line properties at $z \approx 6.5$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	4.4	64
88	Dark Energy Survey Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2578-2593.	4.4	44
89	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. Astronomical Journal, 2019, 158, 16.	4.7	16
90	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. Astrophysical Journal, 2019, 876, 15.	4.5	19

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91	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.	4.4	52
92	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. Astrophysical Journal, 2019, 872, 170.	4.5	28
93	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. Astronomical Journal, 2019, 157, 120.	4.7	8
94	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.	4.4	143
95	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	7.8	86
96	First cosmology results using Type Ia supernovae from the dark energy survey: effects of chromatic corrections to supernova photometry on measurements of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5329-5344.	4.4	16
97	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.	8.3	179
98	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.	4.4	62
99	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	4.5	92
100	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	8.3	201
101	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. Astrophysical Journal Letters, 2019, 873, L24.	8.3	14
102	Resolved Molecular Gas and Star Formation Properties of the Strongly Lensed $z = 2.26$ Galaxy SDSS J0901+1814. Astrophysical Journal, 2019, 879, 52.	4.5	16
103	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. Astrophysical Journal, 2019, 881, 118.	4.5	27
104	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2807-2822.	4.4	22
105	Evidence for color dichotomy in the primordial Neptunian Trojan population. Icarus, 2019, 321, 426-435.	2.5	17
106	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5649-5671.	4.4	73
107	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.	4.4	135
108	Measuring linear and non-linear galaxy bias using counts-in-cells in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1435-1451.	4.4	13

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109	Candidate massive galaxies at $z < 1.4$ in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3060-3081.	4.4	18
110	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	7.7	192
111	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	4.4	60
112	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. Astrophysical Journal, 2018, 854, 37.	4.5	23
113	Chemical Abundance Analysis of Three α -poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I*. Astrophysical Journal, 2018, 852, 99.	4.5	33
114	Forward Global Photometric Calibration of the Dark Energy Survey. Astronomical Journal, 2018, 155, 41.	4.7	74
115	Discovery of two neighbouring satellites in the Carina constellation with MagLiteS. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5085-5097.	4.4	106
116	Weak lensing magnification in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1071-1085.	4.4	21
117	BAO from angular clustering: optimization and mitigation of theoretical systematics. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3031-3051.	4.4	14
118	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. Astrophysical Journal, 2018, 862, 123.	4.5	50
119	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	4.4	109
120	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
121	Survey geometry and the internal consistency of recent cosmic shear measurements. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4998-5004.	4.4	68
122	The Dark Energy Survey Image Processing Pipeline. Publications of the Astronomical Society of the Pacific, 2018, 130, 074501.	3.1	161
123	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign â€“ I. Overview and classification of candidates selected by two techniques. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1041-1054.	4.4	48
124	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. Astrophysical Journal, 2018, 866, 22.	4.5	63
125	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2871-2888.	4.4	34
126	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.	4.4	70

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127	Deep SOAR follow-up photometry of two Milky Way outer-halo companions discovered with Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2006-2018.	4.4	17
128	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	4.4	144
129	DES science portal: Computing photometric redshifts. Astronomy and Computing, 2018, 25, 58-80.	1.7	16
130	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2427-2443.	4.4	39
131	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. Astrophysical Journal, 2018, 864, 83.	4.5	69
132	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	4.4	31
133	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3324-3343.	4.4	38
134	Cross-correlation redshift calibration without spectroscopic calibration samples in DES Science Verification Data. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2196-2208.	4.4	23
135	Dark Energy Survey Year 1 results: the impact of galaxy neighbours on weak lensing cosmology with im3shape. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4524-4543.	4.4	43
136	A catalogue of structural and morphological measurements for DES Y1. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2018-2040.	4.4	23
137	Dark Energy Survey Year 1 results: cross-correlation redshifts " methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	4.4	63
138	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. Astronomical Journal, 2018, 156, 81.	4.7	42
139	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	4.5	193
140	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.	4.4	145
141	DES science portal: Creating science-ready catalogs. Astronomy and Computing, 2018, 24, 52-69.	1.7	5
142	A Search for Kilonovae in the Dark Energy Survey. Astrophysical Journal, 2017, 837, 57.	4.5	34
143	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. Astrophysical Journal Letters, 2017, 839, L15.	8.3	28
144	Astrometric Calibration and Performance of the Dark Energy Camera. Publications of the Astronomical Society of the Pacific, 2017, 129, 074503.	3.1	40

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145	An r-process Enhanced Star in the Dwarf Galaxy Tucana III*. <i>Astrophysical Journal</i> , 2017, 838, 44.	4.5	101
146	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III*. <i>Astrophysical Journal</i> , 2017, 838, 11.	4.5	83
147	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. <i>Astrophysical Journal</i> , 2017, 838, 8.	4.5	119
148	Models of the strongly lensed quasar DES J0408 ⁺ 5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4038-4050.	4.4	18
149	Discovery of the Lensed Quasar System DES J0408-5354. <i>Astrophysical Journal Letters</i> , 2017, 838, L15.	8.3	32
150	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. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	8.3	656
151	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.	8.3	392
152	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 15.	7.7	48
153	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 97-108.	4.4	36
154	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. <i>Astrophysical Journal Letters</i> , 2017, 849, L34.	8.3	49
155	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. <i>Astrophysical Journal</i> , 2017, 843, 148.	4.5	20
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