

Juan De Vicente-Albendea

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

203 papers	6,062 citations	38 h-index	70 g-index
229 ext. papers	8,524 ext. citations	4.8 avg, IF	4.22 L-index

#	Paper	IF	Citations
203	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022 , 925, 118	4.7	0
202	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 15	8	1
201	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. <i>Physical Review D</i> , 2022 , 105,	4.9	12
200	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022 , 105,	4.9	40
199	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	4.3	2
198	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	4.3	2
197	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022 , 105,	4.9	13
196	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 41	8	6
195	Dark Energy Survey Year 3 results: A 2.7% measurement of baryon acoustic oscillation distance scale at redshift 0.835. <i>Physical Review D</i> , 2022 , 105,	4.9	4
194	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 27	8	0
193	The Observed Evolution of the Stellar Mass-B halo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , 2022 , 928, 28	4.7	2
192	The Evolution of AGN Activity in Brightest Cluster Galaxies. <i>Astronomical Journal</i> , 2022 , 163, 146	4.9	0
191	DeepZipper: A Novel Deep-learning Architecture for Lensed Supernovae Identification. <i>Astrophysical Journal</i> , 2022 , 927, 109	4.7	0
190	Lensing without borders II. 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	4.3	2
189	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. <i>Astrophysical Journal</i> , 2022 , 929, 115	4.7	1
188	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. <i>Physical Review D</i> , 2022 , 105,	4.9	0
187	The PAU survey: measurement of narrow-band galaxy properties with approximate bayesian computation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 013	6.4	1

186	C/2014 UN271 (Bernardinelli-Bernstein): The Nearly Spherical Cow of Comets. <i>Astrophysical Journal Letters</i> , 2021 , 921, L37	7.9	6
185	Machine Learning for Searching the Dark Energy Survey for Trans-Neptunian Objects. <i>Publications of the Astronomical Society of the Pacific</i> , 2021 , 133, 014501	5	3
184	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	4.3	9
183	Constraints on Dark Matter Properties from Observations of MilkyWay Satellite Galaxies. <i>Physical Review Letters</i> , 2021 , 126, 091101	7.4	49
182	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. <i>Planetary Science Journal</i> , 2021 , 2, 59	2.9	9
181	Identifying RR Lyrae Variable Stars in Six Years of the Dark Energy Survey. <i>Astrophysical Journal</i> , 2021 , 911, 109	4.7	7
180	Dark energy survey year 3 results: weak lensing shape catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4312-4336	4.3	17
179	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 4626-4645	4.3	9
178	Understanding the extreme luminosity of DES14X2fna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 3950-3967	4.3	1
177	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 254, 24	8	24
176	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2819-2839	4.3	3
175	Assessing tension metrics with dark energy survey and Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 6179-6194	4.3	10
174	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4425-4444	4.3	4
173	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 255, 20	8	22
172	The PAU survey: estimating galaxy photometry with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 4048-4069	4.3	1
171	A Deeper Look at DES Dwarf Galaxy Candidates: Grus i and Indus ii. <i>Astrophysical Journal</i> , 2021 , 916, 81	4.7	3
170	A machine learning approach to galaxy properties: joint redshift and stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2770-2786	4.3	3
169	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 18	8	27

168	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. <i>Physical Review D</i> , 2021 , 103,	4.9	14
167	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 6010-6031	4.3	11
166	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	4.3	4
165	Dark Energy Survey Year 3 results: Optimizing the lens sample in a combined galaxy clustering and galaxy-galaxy lensing analysis. <i>Physical Review D</i> , 2021 , 103,	4.9	14
164	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 3	8	44
163	Reducing Ground-based Astrometric Errors with Gaia and Gaussian Processes. <i>Astronomical Journal</i> , 2021 , 162, 106	4.9	2
162	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 5758-5779	4.3	2
161	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021 , 923, 37	4.7	3
160	The DES view of the Eridanus supervoid and the CMB cold spot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 216-229	4.3	2
159	Perturbation theory for modeling galaxy bias: Validation with simulations of the Dark Energy Survey. <i>Physical Review D</i> , 2020 , 102,	4.9	8
158	Noise from undetected sources in Dark Energy Survey images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 2529-2539	4.3	9
157	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	4.3	7
156	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J04085354 and WGD 20384008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 3241-3274	4.3	3
155	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	4.3	18
154	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J04085354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 6072-6102	4.3	83
153	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	7.9	8
152	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $z \lesssim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1705-1723	4.3	5
151	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	4.7	23

150	The mystery of photometric twins DES17X1boj and DES16E2bjy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 5576-5589	4.3	2
149	A joint SZX-rayOptical analysis of the dynamical state of 288 massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 705-725	4.3	10
148	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	4.3	6
147	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 95-110	4.3	5
146	Detection of Cross-Correlation between Gravitational Lensing and IRays. <i>Physical Review Letters</i> , 2020 , 124, 101102	7.4	10
145	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 32	8	16
144	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020 , 102,	4.9	77
143	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 246, 16	8	17
142	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	4.7	52
141	Monte Carlo control loops for cosmic shear cosmology with DES Year 1 data. <i>Physical Review D</i> , 2020 , 101,	4.9	7
140	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. <i>Astronomical Journal</i> , 2020 , 159, 133	4.9	13
139	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020 , 160, 267	4.9	10
138	Milky Way Satellite Census. II. GalaxyHalo Connection Constraints Including the Impact of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020 , 893, 48	4.7	43
137	Chemical Analysis of the Ultrafaint Dwarf Galaxy Grus II. Signature of High-mass Stellar Nucleosynthesis. <i>Astrophysical Journal</i> , 2020 , 897, 183	4.7	8
136	Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys. <i>Astrophysical Journal</i> , 2020 , 900, 58	4.7	8
135	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	4.7	16
134	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 25	8	56
133	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	7.9	5

132	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	4-3	1
131	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 464-480	4-3	7
130	Dark Energy Survey year 3 results: point spread function modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1282-1299	4-3	14
129	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	4-3	10
128	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4-3	7
127	Modelling the Milky Way II. Method and first results fitting the thick disc and halo with DES-Y3 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 1547-1562	4-3	7
126	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	4-3	16
125	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4-3	12
124	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	4-3	34
123	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 5662-5679	4-3	8
122	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	4-3	12
121	Blinding multiprobe cosmological experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4454-4470	4-3	15
120	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps II validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 4060-4087	4-3	15
119	The PAU Survey: Photometric redshifts using transfer learning from simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 4565-4579	4-3	10
118	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	4-3	21
117	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	2-4	7
116	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	4-3	4
115	An Extended Catalog of GalaxyGalaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 17	8	34

114	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	4.3	32
113	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 4389-4399	4.3	5
112	HOLiCOW IX. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 20334-723. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 613-633	4.3	16
111	Transfer learning for galaxy morphology from one survey to another. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 93-100	4.3	36
110	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3870-3883	4.3	12
109	C iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3650-3663	4.3	21
108	Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1363-1379	4.3	11
107	The Physics of the Accelerating Universe Camera. <i>Astronomical Journal</i> , 2019 , 157, 246	4.9	13
106	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , 2019 , 874, 106	4.7	34
105	A new RASS galaxy cluster catalogue with low contamination extending to $z \sim 1$ in the DES overlap region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 739-769	4.3	26
104	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2215-2241	4.3	37
103	Three new VHS/DES quasars at 6.7–6.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1874-1885	4.3	43
102	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	4.3	28
101	Identification of RR Lyrae Stars in Multiband, Sparsely Sampled Data from the Dark Energy Survey Using Template Fitting and Random Forest Classification. <i>Astronomical Journal</i> , 2019 , 158, 16	4.9	12
100	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. <i>Astrophysical Journal</i> , 2019 , 876, 15	4.7	9
99	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	4.3	31
98	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2019 , 99,	4.9	89
97	The PAU Survey: Operation and orchestration of multi-band survey data. <i>Astronomy and Computing</i> , 2019 , 27, 171-188	2.4	8

96	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. <i>Astrophysical Journal Letters</i> , 2019 , 875, L13	7.9	16
95	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. <i>Astrophysical Journal</i> , 2019 , 872, 170	4.7	21
94	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25 . <i>Astrophysical Journal</i> , 2019 , 874, 165	4.7	45
93	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. <i>Astronomical Journal</i> , 2019 , 157, 120	4.9	4
92	Finding high-redshift strong lenses in DES using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5330-5349	4.3	34
91	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 2184-2196	4.3	93
90	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019 , 122, 171301	7.4	50
89	First cosmology results using Type Ia supernovae from the dark energy survey: effects of chromatic corrections to supernova photometry on measurements of cosmological parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5329-5344	4.3	13
88	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. <i>Astrophysical Journal Letters</i> , 2019 , 876, L7	7.9	91
87	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1171-1187	4.3	37
86	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 69-87	4.3	14
85	More out of less: an excess integrated Sachs-Wolfe signal from supervoids mapped out by the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5267-5277	4.3	24
84	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , 2019 , 874, 150	4.7	52
83	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019 , 872, L30	7.9	113
82	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2019 , 873, L24	7.9	12
81	Dark Energy Survey Year 1 Results: Cross-correlation between Dark Energy Survey Y1 galaxy weak lensing and South Pole Telescope+Planck CMB weak lensing. <i>Physical Review D</i> , 2019 , 100,	4.9	10
80	Dark Energy Survey year 1 results: Joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. <i>Physical Review D</i> , 2019 , 100,	4.9	27
79	Dark Energy Survey Year 1 Results: Tomographic cross-correlations between Dark Energy Survey galaxies and CMB lensing from South Pole Telescope+Planck. <i>Physical Review D</i> , 2019 , 100,	4.9	19

78	On the relative bias of void tracers in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2836-2852	4.3	21
77	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4866-4883	4.3	63
76	Constraints on the redshift evolution of astrophysical feedback with Sunyaev-Zeldovich effect cross-correlations. <i>Physical Review D</i> , 2019 , 100,	4.9	15
75	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	4.3	51
74	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	4.3	13
73	Brown dwarf census with the Dark Energy Survey year 3 data and the thin disc scale height of early L types. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5301-5325	4.3	12
72	Search for RR Lyrae stars in DES ultrafaint systems: Grus ^{II} , Kim ^{II} , Phoenix ^{II} , and Grus ^{II} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 2183-2199	4.3	20
71	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 3341-3354	4.3	10
70	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. <i>Physical Review Letters</i> , 2019 , 123, 181301	7.4	8
69	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy. <i>Astrophysical Journal</i> , 2019 , 882, 177	4.7	30
68	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". <i>Icarus</i> , 2019 , 334, 79-88	3.8	1
67	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5453-5482	4.3	30
66	Producing a BOSS CMASS sample with DES imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2887-2906	4.3	13
65	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 3573-3587	4.3	13
64	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. <i>Astrophysical Journal</i> , 2019 , 883, 125	4.7	6
63	The PAU Survey: early demonstration of photometric redshift performance in the COSMOS field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 4200-4215	4.3	28
62	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. <i>Astrophysical Journal</i> , 2019 , 881, 118	4.7	18
61	Dark Energy Survey year 1 results: galaxy sample for BAO measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 2807-2822	4.3	16

60	Evidence for color dichotomy in the primordial Neptunian Trojan population. <i>Icarus</i> , 2019 , 321, 426-435	3.8	12
59	The PAU survey: star-galaxy classification with multi narrow-band data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 529-539	4.3	11
58	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	4.3	39
57	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 1352-1378	4.3	93
56	Measuring linear and non-linear galaxy bias using counts-in-cells in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 1435-1451	4.3	10
55	Dark Energy Survey Year 1 results: Methodology and projections for joint analysis of galaxy clustering, galaxy lensing, and CMB lensing two-point functions. <i>Physical Review D</i> , 2019 , 99,	4.9	23
54	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 33	8	150
53	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	4.3	44
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