Ramon Miquel

List of Publications by Citations

209 papers	10,958 citations	53 h-index	98 g-index
213 ext. papers	13,490 ext. citations	5 avg, IF	4.63 L-index

#	Paper	IF	Citations
209	THE DARK ENERGY CAMERA. *Astronomical Journal*, **2015**, 150, 150	4.9	524
208	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. *Physical Review D*, **2018**, 98,	4.9	522
207	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	7.9	468
206	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. *Astrophysical Journal*, **2015**, 807, 50	4.7	390
205	ALEPH: A detector for electron-positron annihilations at LEP. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1990**, 294, 121-178	1.2	340
204	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. *Astrophysical Journal*, **2015**, 813, 109	4.7	329
203	The Dark Energy Survey: Data Release 1. *Astrophysical Journal, Supplement Series*, **2018**, 239, 18	8	313
202	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. *Physical Review D*, **2018**, 98,	4.9	300
201	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	7.9	295
200	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITHFERMI-LAT. *Astrophysical Journal*, **2017**, 834, 110	4.7	249
199	THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY. *Astrophysical Journal*, **2010**, 722, 566-576	4.7	184
198	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. *Astrophysical Journal, Supplement Series*, **2016**, 224, 1	8	176
197	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. *Astrophysical Journal, Supplement Series*, **2018**, 235, 33	8	150
196	Stellar Streams Discovered in the Dark Energy Survey. *Astrophysical Journal*, **2018**, 862, 114	4.7	141
195	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	4.3	136
194	Photometric redshift analysis in the Dark Energy Survey Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 1482-1506	4.3	135
193	Effects of systematic uncertainties on the supernova determination of cosmological parameters. *Monthly Notices of the Royal Astronomical Society*, **2004**, 347, 909-920	4.3	121

192	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II (SDSS-II) SUPERNOVA RESULTS: CONSTRAINTS ON NONSTANDARD COSMOLOGICAL MODELS. *Astrophysical Journal*, **2009**, 703, 1374-1385	4.7	120
191	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	4.3	118
190	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 1431-1450	4.3	118
189	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. *Astrophysical Journal Letters*, **2019**, 872, L30	7.9	113
188	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. *Astrophysical Journal*, **2015**, 808, 95	4.7	110
187	The DES Science Verification weak lensing shear catalogues. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 2245-2281	4.3	107
186	MEASURING BARYON ACOUSTIC OSCILLATIONS ALONG THE LINE OF SIGHT WITH PHOTOMETRIC REDSHIFTS: THE PAU SURVEY. *Astrophysical Journal*, **2009**, 691, 241-260	4.7	107
185	Dark Energy Survey Year 1 results: weak lensing shape catalogues. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 1149-1182	4.3	103
184	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. *Astronomical Journal*, **2015**, 150, 172	4.9	101
183	PHOTOMETRIC TYPE Ia SUPERNOVA CANDIDATES FROM THE THREE-YEAR SDSS-II SN SURVEY DATA. *Astrophysical Journal*, **2011**, 738, 162	4.7	98
182	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II. *Astrophysical Journal*, **2017**, 838, 8	4.7	93
181	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	4.3	93
180	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	4.3	93
179	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	7.9	91
178	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. *Astronomical Journal*, **2015**, 150, 82	4.9	91
177	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408−5354. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 6072-6102	4.3	83
176	Multi-parameter fits to the (tbar{t}) threshold observables at a future ee linear collider. *European Physical Journal C*, **2003**, 27, 49-55	4.2	83
175	COSMOLOGY WITH PHOTOMETRICALLY CLASSIFIED TYPE Ia SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY. *Astrophysical Journal*, **2013**, 763, 88	4.7	82

174	Anr-process Enhanced Star in the Dwarf Galaxy Tucana III. *Astrophysical Journal*, **2017**, 838, 44	4.7	81
173	CMB lensing tomography with the DES Science Verification galaxies. *Monthly Notices of the Royal Astronomical Society*, **2016**, 456, 3213-3244	4.3	79
172	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. *Physical Review D*, **2020**, 102,	4.9	77
171	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	4.3	75
170	Weak-lensing mass calibration of redMaPPer galaxy clusters in Dark Energy Survey Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2017**, 469, 4899-4920	4.3	74
169	Dark Energy Survey year 1 results: Galaxy clustering for combined probes. *Physical Review D*, **2018**, 98,	4.9	74
168	A MORE GENERAL MODEL FOR THE INTRINSIC SCATTER IN TYPE Ia SUPERNOVA DISTANCE MODULI. *Astrophysical Journal*, **2011**, 740, 72	4.7	71
167	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT ?0.3 FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. *Astrophysical Journal*, **2010**, 713, 1026-1036	4.7	70
166	Detection of the kinematic Sunyaev□el'dovich effect with DES Year 1 and SPT. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 3172-3193	4.3	68
165	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. *Publications of the Astronomical Society of the Pacific*, **2018**, 130, 064002	5	68
164	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III. *Astrophysical Journal*, **2017**, 838, 11	4.7	66
163	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	4.3	65
162	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	4.3	63
161	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. *Monthly Notices of the Royal Astronomical Society*, **2015**, 452, 3047-3063	4.3	59
160	TYPE II-P SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY AND THE STANDARDIZED CANDLE METHOD. *Astrophysical Journal*, **2010**, 708, 661-674	4.7	59
159	Cross-correlation of spectroscopic and photometric galaxy surveys: cosmology from lensing and redshift distortions. *Monthly Notices of the Royal Astronomical Society*, **2012**, 422, 2904-2930	4.3	56
158	The SPTpol Extended Cluster Survey. *Astrophysical Journal, Supplement Series*, **2020**, 247, 25	8	56
157	VDES J2325□5229 az= 2.7 gravitationally lensed quasar discovered using morphology-independent supervised machine learning. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4325-4334	4.3	54

156	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. *Astrophysical Journal*, **2010**, 720, 704-716	4.7	53
155	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. *Astrophysical Journal Letters*, **2016**, 823, L33	7.9	53
154	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. *Astrophysical Journal*, **2019**, 874, 150	4.7	52
153	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	4.7	52
152	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	4.3	51
151	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	4.3	51
150	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. *Physical Review Letters*, **2019**, 122, 171301	7.4	50
149	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2015**, 449, 1215-1227	4.3	50
148	Forward Global Photometric Calibration of the Dark Energy Survey. *Astronomical Journal*, **2018**, 155, 41	4.9	50
147	Constraints on Dark Matter Properties from Observations of Milky‐Way Satellite Galaxies. *Physical Review Letters*, **2021**, 126, 091101	7.4	49
146	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	4.3	47
145	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. *Monthly Notices of the Royal Astronomical Society*, **2017**, 472, 273-288	4.3	46
144	The Splashback Feature around DES Galaxy Clusters: Galaxy Density and Weak Lensing Profiles. *Astrophysical Journal*, **2018**, 864, 83	4.7	46
143	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25. *Astrophysical Journal*, **2019**, 874, 165	4.7	45
142	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 603-612	4.3	45
141	First cosmological constraints on dark energy from the radial baryon acoustic scale. *Physical Review Letters*, **2009**, 103, 091302	7.4	44
140	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev‐Zel'dovich Galaxy Clusters. *Astrophysical Journal, Supplement Series*, **2021**, 253, 3	8	44
139	Precise photometric redshifts with a narrow-band filter set: the PAU survey at the William Herschel Telescope. *Monthly Notices of the Royal Astronomical Society*, **2014**, 442, 92-109	4.3	43

138	The HERA-B ring imaging Cherenkov counter. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2004**, 516, 445-461	1.2	43
137	Milky Way Satellite Census. II. Galaxy□Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. *Astrophysical Journal*, **2020**, 893, 48	4.7	43
136	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. *Astrophysical Journal*, **2018**, 866, 22	4.7	43
135	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. *Astrophysical Journal Letters*, **2018**, 852, L3	7.9	42
134	Joint measurement of lensing□galaxy correlations using SPT and DES SV data. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 4099-4114	4.3	40
133	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. *Physical Review D*, **2022**, 105,	4.9	40
132	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCEz~ 1.2. *Astrophysical Journal*, **2016**, 816, 98	4.7	39
131	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2015**, 454, 1260-1265	4.3	38
130	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. *Astrophysical Journal*, **2016**, 820, 58	4.7	38
129	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	4.3	37
128	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. *Astrophysical Journal Letters*, **2017**, 849, L34	7.9	37
127	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. *Astrophysical Journal Letters*, **2016**, 826, L29	7.9	37
126	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. *Astronomical Journal*, **2016**, 152, 154	4.9	36
125	TYPE Ia SUPERNOVA PROPERTIES AS A FUNCTION OF THE DISTANCE TO THE HOST GALAXY IN THE SDSS-II SN SURVEY. *Astrophysical Journal*, **2012**, 755, 125	4.7	36
124	A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY. *Astrophysical Journal*, **2010**, 715, 1021-1035	4.7	35
123	An Extended Catalog of Galaxy□Galaxy Strong Gravitational Lenses Discovered in DES Using Convolutional Neural Networks. *Astrophysical Journal, Supplement Series*, **2019**, 243, 17	8	34
122	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. *Astrophysical Journal*, **2019**, 874, 106	4.7	34
121	Finding high-redshift strong lenses in DES using convolutional neural networks. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 5330-5349	4.3	34

120	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. *Astronomical Journal*, **2018**, 156, 81	4.9	34
119	The DES Bright Arcs Survey: Hundreds of Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey Science Verification and Year 1 Observations. *Astrophysical Journal, Supplement Series*, **2017**, 232, 15	8	33
118	The LMC geometry and outer stellar populations from early DES data. *Monthly Notices of the Royal Astronomical Society*, **2015**, 449, 1129-1145	4.3	33
117	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	4.3	32
116	Modelling the Tucana III stream a close passage with the LMC. *Monthly Notices of the Royal Astronomical Society*, **2018**,	4.3	32
115	A Search for Kilonovae in the Dark Energy Survey. *Astrophysical Journal*, **2017**, 837, 57	4.7	31
114	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	4.3	31
113	The Dark Energy Survey view of the Sagittarius stream: discovery of two faint stellar system candidates. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 97-108	4.3	31
112	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping from the Dark Energy Survey. *Astrophysical Journal*, **2018**, 862, 123	4.7	31
111	Discovery of the Lensed Quasar System DES J0408-5354. *Astrophysical Journal Letters*, **2017**, 838, L15	7.9	30
110	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy. *Astrophysical Journal*, **2019**, 882, 177	4.7	30
109	A stellar overdensity associated with the Small Magellanic Cloud. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 1349-1360	4.3	29
108	Z production cross sections and lepton pair forward-backward asymmetries. *Zeitschrift F Physik C-Particles and Fields*, **1994**, 62, 539-550		29
107	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 2578-2593	4.3	28
106	Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey. *Monthly Notices of the Royal Astronomical Society*, **2014**, 446, 2523-2539	4.3	28
105	The PAU Survey: early demonstration of photometric redshift performance in the COSMOS field. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4200-4215	4.3	28
104	Astrometric Calibration and Performance of the Dark Energy Camera. *Publications of the Astronomical Society of the Pacific*, **2017**, 129, 074503	5	27
103	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. *Astrophysical Journal, Supplement Series*, **2021**, 252, 18	8	27

102	A new RASS galaxy cluster catalogue with low contamination extending to z ~ 1 in the DES overlap region. *Monthly Notices of the Royal Astronomical Society*, **2019**, 488, 739-769	4.3	26
101	Chemical Abundance Analysis of Three poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I. *Astrophysical Journal*, **2018**, 852, 99	4.7	26
100	A measurement of CMB cluster lensing with SPT and DES year 1 data. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 2674-2688	4.3	25
99	Discovery and Physical Characterization of a Large Scattered Disk Object at 92 au. *Astrophysical Journal Letters*, **2017**, 839, L15	7.9	24
98	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. *Astrophysical Journal Letters*, **2020**, 900, L33	7.9	24
97	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. *Astrophysical Journal, Supplement Series*, **2021**, 254, 24	8	24
96	Birds of a Feather? Magellan/IMACS Spectroscopy of the Ultra-faint Satellites Grus II, Tucana IV, and Tucana V. *Astrophysical Journal*, **2020**, 892, 137	4.7	23
95	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. *Physical Review Letters*, **2021**, 126, 141301	7.4	22
94	The Dark Energy Survey Data Release 2. *Astrophysical Journal, Supplement Series*, **2021**, 255, 20	8	22
93	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. *Astrophysical Journal*, **2019**, 872, 170	4.7	21
92	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 19-35	4.3	21
91	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. *Astronomical Journal*, **2016**, 151, 157	4.9	21
90	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. *Astrophysical Journal*, **2018**, 854, 37	4.7	20
89	Search for RR Lyrae stars in DES ultrafaint systems: Grus I, Kim 2, Phoenix II, and Grus II. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 2183-2199	4.3	20
88	Measurement of the absolute luminosity with the ALEPH detector. *Zeitschrift Fur Physik C-Particles and Fields*, **1992**, 53, 375-390		19
87	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 4591-4606	4.3	18
86	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. *Astronomical Journal*, **2016**, 151, 39	4.9	18
85	SICAL a high precision silicon-tungsten luminosity calorimeter for ALEPH. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1995**, 365, 117-134	1.2	18

84	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	4.3	18
83	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. *Astrophysical Journal*, **2019**, 881, 118	4.7	18
82	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. *Astronomical Journal*, **2017**, 153, 107	4.9	17
81	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. *Astrophysical Journal, Supplement Series*, **2020**, 246, 16	8	17
80	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA. *Astrophysical Journal*, **2016**, 827, 51	4.7	17
79	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. *Astrophysical Journal Letters*, **2019**, 875, L13	7.9	16
78	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. *Astrophysical Journal, Supplement Series*, **2020**, 247, 32	8	16
77	Weak lensing magnification in the Dark Energy Survey Science Verification data. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 1071-1085	4.3	16
76	The HERA-B RICH. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1999**, 433, 128-135	1.2	16
75	Constraints on the Physical Properties of GW190814 through Simulations Based on DECam Follow-up Observations by the Dark Energy Survey. *Astrophysical Journal*, **2020**, 901, 83	4.7	16
74	Star-galaxy classification in the Dark Energy Survey Y1 dataset. *Monthly Notices of the Royal Astronomical Society*, **2018**,	4.3	16
73	A catalogue of structural and morphological measurements for DES Y1. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 2018-2040	4.3	15
72	Magnification of photometric LRGs by foreground LRGs and clusters in the Sloan Digital Sky Survey. *Monthly Notices of the Royal Astronomical Society*, **2014**, 440, 3701-3713	4.3	14
71	Dark Energy Survey year 3 results: point spread function modelling. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 1282-1299	4.3	14
70	Cosmological constraints from DES Y1 cluster abundances and SPT multiwavelength data. *Physical Review D*, **2021**, 103,	4.9	14
69	The Physics of the Accelerating Universe Camera. *Astronomical Journal*, **2019**, 157, 246	4.9	13
68	Dark Energy Survey Year 1 results: validation of weak lensing cluster member contamination estimates from P(z) decomposition. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 2511-2524	4.3	13
67	Optical–SZE scaling relations for DES optically selected clusters within the SPT-SZ Survey. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 3347-3360	4.3	13

66	HOST GALAXY SPECTRA AND CONSEQUENCES FOR SUPERNOVA TYPING FROM THE SDSS SN SURVEY. *Astronomical Journal*, **2014**, 147, 75	4.9	13
65	COSMOLOGICAL MODEL SELECTION: STATISTICS AND PHYSICS. *International Journal of Modern Physics D*, **2008**, 17, 2315-2324	2.2	13
64	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. *Astronomical Journal*, **2020**, 159, 133	4.9	13
63	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	4.9	12
62	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. *Astrophysical Journal Letters*, **2019**, 873, L24	7.9	12
61	Core or Cusps: The Central Dark Matter Profile of a Strong Lensing Cluster with a Bright Central Image at Redshift 1. *Astrophysical Journal*, **2017**, 843, 148	4.7	12
60	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 3491-3511	4.3	12
59	Evidence for color dichotomy in the primordial Neptunian Trojan population. *Icarus*, **2019**, 321, 426-435	3.8	12
58	The PAU Survey: an improved photo-z sample in the COSMOS field. *Monthly Notices of the Royal Astronomical Society*, **2021**, 501, 6103-6122	4.3	12
57	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	4.3	12
56	Galaxy bias from galaxy–galaxy lensing in the DES science verification data. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 1667-1684	4.3	12
55	The PAU survey: star–galaxy classification with multi narrow-band data. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 529-539	4.3	11
54	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. *Astronomical Journal*, **2018**, 156, 273	4.9	11
53	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 1300-1315	4.3	10
52	The PAU Survey: Photometric redshifts using transfer learning from simulations. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 4565-4579	4.3	10
51	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	4.3	10
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