

Brian Yanny

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

42,325
citations

8755

75
h-index

8630

146
g-index

151
all docs

151
docs citations

151
times ranked

13793
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sloan Digital Sky Survey: Technical Summary. <i>Astronomical Journal</i> , 2000, 120, 1579-1587.	4.7	8,099
2	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
3	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	4.7	2,003
4	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	4.7	1,700
5	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	7.7	1,202
6	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	7.7	1,166
7	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158
8	Cosmological constraints from the SDSS luminous red galaxies. <i>Physical Review D</i> , 2006, 74, .	4.7	1,132
9	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH $14 < i>g < /i> = 20$. <i>Astronomical Journal</i> , 2009, 137, 4377-4399.	4.7	905
10	Dark Energy Survey year 1 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2018, 98, .	4.7	751
11	The Field of Streams: Sagittarius and Its Siblings. <i>Astrophysical Journal</i> , 2006, 642, L137-L140.	4.5	726
12	THE DARK ENERGY CAMERA. <i>Astronomical Journal</i> , 2015, 150, 150.	4.7	718
13	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
14	Cats and Dogs, Hair and a Hero: A Quintet of New Milky Way Companions. <i>Astrophysical Journal</i> , 2007, 654, 897-906.	4.5	646
15	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	4.7	634
16	The Ghost of Sagittarius and Lumps in the Halo of the Milky Way. <i>Astrophysical Journal</i> , 2002, 569, 245-274.	4.5	633
17	The Milky Way's Circular Velocity Curve to 60 kpc and an Estimate of the Dark Matter Halo Mass from the Kinematics of $\sim 1/4$ 2400 SDSS Blue Horizontal Branch Stars. <i>Astrophysical Journal</i> , 2008, 684, 1143-1158.	4.5	578
18	The Sloan Digital Sky Survey View of the Palomar-Green Bright Quasar Survey. <i>Astronomical Journal</i> , 2005, 130, 873-895.	4.7	528

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19	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	4.5	466
20	The Milky Way Tomography with SDSS. II. Stellar Metallicity. <i>Astrophysical Journal</i> , 2008, 684, 287-325.	4.5	456
21	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 18.	7.7	455
22	THE SEGUE STELLAR PARAMETER PIPELINE. I. DESCRIPTION AND COMPARISON OF INDIVIDUAL METHODS. <i>Astronomical Journal</i> , 2008, 136, 2022-2049.	4.7	417
23	Dark Energy Survey Year 1 results: Cosmological constraints from cosmic shear. <i>Physical Review D</i> , 2018, 98, .	4.7	412
24	STRUCTURE AND KINEMATICS OF THE STELLAR HALOS AND THICK DISKS OF THE MILKY WAY BASED ON CALIBRATION STARS FROM SLOAN DIGITAL SKY SURVEY DR7. <i>Astrophysical Journal</i> , 2010, 712, 692-727.	4.5	408
25	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 109.	4.5	405
26	SDSS data management and photometric quality assessment. <i>Astronomische Nachrichten</i> , 2004, 325, 583-589.	1.2	400
27	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022, 105, .	4.7	398
28	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
29	A Faint New Milky Way Satellite in Bootes. <i>Astrophysical Journal</i> , 2006, 647, L111-L114.	4.5	359
30	A Low-Latitude Halo Stream around the Milky Way. <i>Astrophysical Journal</i> , 2003, 588, 824-841.	4.5	347
31	A New Milky Way Dwarf Satellite in Canes Venatici. <i>Astrophysical Journal</i> , 2006, 643, L103-L106.	4.5	319
32	A Spectroscopic Study of the Ancient Milky Way: F and G-type Stars in the Third Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2006, 636, 804-820.	4.5	314
33	Identification of A-colored Stars and Structure in the Halo of the Milky Way from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 2000, 540, 825-841.	4.5	308
34	A New Milky Way Companion: Unusual Globular Cluster or Extreme Dwarf Satellite?. <i>Astronomical Journal</i> , 2005, 129, 2692-2700.	4.7	303
35	Stellar Population Studies with the SDSS. I. The Vertical Distribution of Stars in the Milky Way. <i>Astrophysical Journal</i> , 2001, 553, 184-197.	4.5	303
36	The Sloan Digital Sky Survey monitor telescope pipeline. <i>Astronomische Nachrichten</i> , 2006, 327, 821-843.	1.2	291

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37	A Curious Milky Way Satellite in Ursa Major. <i>Astrophysical Journal</i> , 2006, 650, L41-L44.	4.5	283
38	Sloan Digital Sky Survey Standard Star Catalog for Stripe 82: The Dawn of Industrial 1% Optical Photometry. <i>Astronomical Journal</i> , 2007, 134, 973-998.	4.7	266
39	THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. <i>Astronomical Journal</i> , 2008, 136, 2050-2069.	4.7	259
40	GALACTOSEISMOLOGY: DISCOVERY OF VERTICAL WAVES IN THE GALACTIC DISK. <i>Astrophysical Journal Letters</i> , 2012, 750, L41.	8.3	245
41	THE SEGUE STELLAR PARAMETER PIPELINE. III. COMPARISON WITH HIGH-RESOLUTION SPECTROSCOPY OF SDSS/SEGUE FIELD STARS. <i>Astronomical Journal</i> , 2008, 136, 2070-2082.	4.7	208
42	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019, 872, L30.	8.3	201
43	FORMATION AND EVOLUTION OF THE DISK SYSTEM OF THE MILKY WAY: $[Z/Fe]$ RATIOS AND KINEMATICS OF THE SEGUE G-DWARF SAMPLE. <i>Astrophysical Journal</i> , 2011, 738, 187.	4.5	200
44	Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2018, 862, 114.	4.5	193
45	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 33.	7.7	192
46	MAPPING THE STELLAR STRUCTURE OF THE MILKY WAY THICK DISK AND HALO USING SEGUE PHOTOMETRY. <i>Astrophysical Journal</i> , 2010, 714, 663-674.	4.5	189
47	RINGS AND RADIAL WAVES IN THE DISK OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2015, 801, 105.	4.5	188
48	A Comprehensive Model for the Monoceros Tidal Stream. <i>Astrophysical Journal</i> , 2005, 626, 128-144.	4.5	173
49	Sagittarius Tidal Debris 90 Kiloparsecs from the Galactic Center. <i>Astrophysical Journal</i> , 2003, 596, L191-L194.	4.5	162
50	The Dark Energy Survey Image Processing Pipeline. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 074501.	3.1	161
51	THE CASE FOR THE DUAL HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 746, 34.	4.5	157
52	THE SLOAN DIGITAL SKY SURVEY COADD: 275 deg ² OF DEEP SLOAN DIGITAL SKY SURVEY IMAGING ON STRIPE 82. <i>Astrophysical Journal</i> , 2014, 794, 120.	4.5	157
53	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to data calibration. <i>Physical Review D</i> , 2022, 105, .	4.7	151
54	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 592-610.	4.4	145

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55	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022, 105, .	4.7	145
56	Dark Energy Survey Year 1 Results: Cosmological constraints from cluster abundances and weak lensing. <i>Physical Review D</i> , 2020, 102, .	4.7	140
57	THE SEGUE STELLAR PARAMETER PIPELINE. IV. VALIDATION WITH AN EXTENDED SAMPLE OF GALACTIC GLOBULAR AND OPEN CLUSTERS. <i>Astronomical Journal</i> , 2011, 141, 89.	4.7	137
58	Galactic Globular and Open Clusters in the Sloan Digital Sky Survey. I. Crowded Field Photometry and Cluster Fiducial Sequences in <i>ugriz</i> . <i>Astrophysical Journal, Supplement Series</i> , 2008, 179, 326-354.	7.7	132
59	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. <i>Astrophysical Journal</i> , 2015, 808, 95.	4.5	132
60	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH <i>FERMI</i> -LAT DATA. <i>Astrophysical Journal Letters</i> , 2015, 809, L4.	8.3	131
61	Dark Energy Survey year 1 results: Constraints on extended cosmological models from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2019, 99, .	4.7	130
62	CARBON-ENHANCED METAL-POOR STARS IN SDSS/SEGUE. I. CARBON ABUNDANCE ESTIMATION AND FREQUENCY OF CEMP STARS. <i>Astronomical Journal</i> , 2013, 146, 132.	4.7	124
63	The Dark Energy Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 20.	7.7	120
64	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. <i>Astrophysical Journal</i> , 2017, 838, 8.	4.5	119
65	DISCOVERY OF A NEW, POLAR-ORBITING DEBRIS STREAM IN THE MILKY WAY STELLAR HALO. <i>Astrophysical Journal</i> , 2009, 700, L61-L64.	4.5	117
66	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.	4.4	109
67	Discovery of two neighbouring satellites in the Carina constellation with MagLiteS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5085-5097.	4.4	106
68	TRACING SAGITTARIUS STRUCTURE WITH SDSS AND SEGUE IMAGING AND SPECTROSCOPY. <i>Astrophysical Journal</i> , 2009, 700, 1282-1298.	4.5	102
69	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 24.	7.7	93
70	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	7.8	86
71	An Initial Survey of White Dwarfs in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 1023-1040.	4.7	85
72	AN ULTRA-FAINT GALAXY CANDIDATE DISCOVERED IN EARLY DATA FROM THE MAGELLANIC SATELLITES SURVEY. <i>Astrophysical Journal Letters</i> , 2016, 833, L5.	8.3	85

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73	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III*. <i>Astrophysical Journal</i> , 2017, 838, 11.	4.5	83
74	THE STELLAR NUMBER DENSITY DISTRIBUTION IN THE LOCAL SOLAR NEIGHBORHOOD IS NORTH-SOUTH ASYMMETRIC. <i>Astrophysical Journal</i> , 2013, 777, 91.	4.5	79
75	THE SEGUE K GIANT SURVEY. II. A CATALOG OF DISTANCE DETERMINATIONS FOR THE SEGUE K GIANTS IN THE GALACTIC HALO. <i>Astrophysical Journal</i> , 2014, 784, 170.	4.5	77
76	Forward Global Photometric Calibration of the Dark Energy Survey. <i>Astronomical Journal</i> , 2018, 155, 41.	4.7	74
77	Dark Energy Survey year 1 results: Galaxy-galaxy lensing. <i>Physical Review D</i> , 2018, 98, .	4.7	71
78	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3508-3531.	4.4	68
79	Dark Energy Survey Year 3 results: redshift calibration of the weak lensing source galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4249-4277.	4.4	67
80	THE METALLICITY DISTRIBUTION FUNCTIONS OF SEGUE G AND K DWARFS: CONSTRAINTS FOR DISK CHEMICAL EVOLUTION AND FORMATION. <i>Astrophysical Journal</i> , 2012, 761, 160.	4.5	66
81	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25 . <i>Astrophysical Journal</i> , 2019, 874, 165.	4.5	65
82	The First Tidally Disrupted Ultra-faint Dwarf Galaxy?: A Spectroscopic Analysis of the Tucana III Stream. <i>Astrophysical Journal</i> , 2018, 866, 22.	4.5	63
83	AN ORBIT FIT FOR THE GRILLMAIR DIONATOS COLD STELLAR STREAM. <i>Astrophysical Journal</i> , 2009, 697, 207-223.	4.5	60
84	THE MILKY WAY TOMOGRAPHY WITH SLOAN DIGITAL SKY SURVEY. IV. DISSECTING DUST. <i>Astrophysical Journal</i> , 2012, 757, 166.	4.5	60
85	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.	4.5	60
86	THE FIRST HYPERVELOCITY STAR FROM THE LAMOST SURVEY. <i>Astrophysical Journal Letters</i> , 2014, 785, L23.	8.3	55
87	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L33.	8.3	55
88	Ships Passing in the Night: Spectroscopic Analysis of Two Ultra-faint Satellites in the Constellation Carina. <i>Astrophysical Journal</i> , 2018, 857, 145.	4.5	54
89	Digging deeper into the Southern skies: a compact Milky Way companion discovered in first-year Dark Energy Survey data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 603-612.	4.4	53
90	Dark Energy Survey Y3 results: blending shear and redshift biases in image simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3371-3394.	4.4	53

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91	A NEW MILKY WAY HALO STAR CLUSTER IN THE SOUTHERN GALACTIC SKY. <i>Astrophysical Journal</i> , 2013, 767, 101.	4.5	51
92	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
93	The DECam Local Volume Exploration Survey: Overview and First Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 2.	7.7	47
94	THE PHOENIX STREAM: A COLD STREAM IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal</i> , 2016, 820, 58.	4.5	46
95	The Dark Energy Survey data processing and calibration system. <i>Proceedings of SPIE</i> , 2012, , .	0.8	45
96	The Dark Energy Survey and operations: Year 1. <i>Proceedings of SPIE</i> , 2014, , .	0.8	45
97	Proper Motions of Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2019, 885, 3.	4.5	45
98	Star/galaxy separation at faint magnitudes: application to a simulated Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 666-680.	4.4	43
99	Modelling the Tucana III stream - a close passage with the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	42
100	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.	4.4	42
101	The LMC geometry and outer stellar populations from early DES data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1129-1145.	4.4	39
102	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, .	4.7	38
103	ESTIMATION OF DISTANCES TO STARS WITH STELLAR PARAMETERS FROM LAMOST. <i>Astronomical Journal</i> , 2015, 150, 4.	4.7	36
104	DISCOVERY OF A STELLAR OVERDENSITY IN ERIDANUSâ€™ PHOENIX IN THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2016, 817, 135.	4.5	36
105	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
106	Dark Energy Survey Year 3 Results: Deep Field optical+near-infrared images and catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3547-3579.	4.4	35
107	Milky Way Tomography with K and M Dwarf Stars: The Vertical Structure of the Galactic Disk. <i>Astrophysical Journal</i> , 2017, 843, 141.	4.5	34
108	Chemical Abundance Analysis of Three α -poor, Metal-poor Stars in the Ultrafaint Dwarf Galaxy Horologium I*. <i>Astrophysical Journal</i> , 2018, 852, 99.	4.5	33

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109	Instrumental Response Model and Detrending for the Dark Energy Camera. Publications of the Astronomical Society of the Pacific, 2017, 129, 114502.	3.1	32
110	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.	4.5	28
111	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
112	A Search of the Full Six Years of the Dark Energy Survey for Outer Solar System Objects. Astrophysical Journal, Supplement Series, 2022, 258, 41.	7.7	27
113	THE VERTICAL METALLICITY GRADIENT OF THE MILKY WAY DISK: TRANSITIONS IN $[\hat{\Gamma}_{\pm}/\text{Fe}]$ POPULATIONS. Astrophysical Journal, 2014, 791, 112.	4.5	26
114	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1300-1315.	4.4	24
115	The dark energy survey and operations: years 1 to 3. Proceedings of SPIE, 2016, , .	0.8	23
116	Dark Energy Survey Year 3 results: Exploiting small-scale information with lensing shear ratios. Physical Review D, 2022, 105, .	4.7	23
117	THE DARK ENERGY SURVEY: PROSPECTS FOR RESOLVED STELLAR POPULATIONS. Astronomical Journal, 2011, 141, 185.	4.7	22
118	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
119	SEGUE-2: Old Milky Way Stars Near and Far. Astrophysical Journal, Supplement Series, 2022, 259, 60.	7.7	22
120	Dark energy survey year 3 results: High-precision measurement and modeling of galaxy-galaxy lensing. Physical Review D, 2022, 105, .	4.7	22
121	A Faint Halo Star Cluster Discovered in the Blanco Imaging of the Southern Sky Survey. Astrophysical Journal, 2019, 875, 154.	4.5	21
122	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	7.7	21
123	The mass and galaxy distribution around SZ-selected clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5758-5779.	4.4	20
124	Star-galaxy classification in the Dark Energy Survey Y1 dataset. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19
125	A machine learning approach to galaxy properties: joint redshiftâ€“stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786.	4.4	19
126	Dark Energy Survey Year 3 results: Cosmology from combined galaxy clustering and lensing validation on cosmological simulations. Physical Review D, 2022, 105, .	4.7	19

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127	Dark Energy Survey Year 3 results: galaxy-halo connection from galaxy-galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3119-3147.	4.4	18
128	Photometric Characterization of the Dark Energy Camera. Publications of the Astronomical Society of the Pacific, 2018, 130, 054501.	3.1	16
129	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
130	BINARY CONTAMINATION IN THE SEGUE SAMPLE: EFFECTS ON SSPP DETERMINATIONS OF STELLAR ATMOSPHERIC PARAMETERS. Astrophysical Journal, 2010, 719, 996-1020.	4.5	14
131	The DES view of the Eridanus supervoid and the CMB cold spot. Monthly Notices of the Royal Astronomical Society, 2021, 510, 216-229.	4.4	14
132	New Oe Stars in LAMOST DR5. Astrophysical Journal, 2018, 863, 70.	4.5	13
133	Dark energy survey operations: years 4 and 5. , 2018, , .		11
134	Noise from undetected sources in Dark Energy Survey images. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2529-2539.	4.4	10
135	Applying Noether's Theorem to Matter in the Milky Way: Evidence for External Perturbations and Non-steady-state Effects from Gaia Data Release 2. Astrophysical Journal, 2020, 890, 110.	4.5	10
136	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	4.5	9
137	The Milky Way, coming into focus: Precision astrometry probes its evolution and its dark matter. Progress in Particle and Nuclear Physics, 2021, 121, 103904.	14.4	8
138	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
139	Probing Axial Symmetry Breaking in the Galaxy with Gaia Data Release 2. Astrophysical Journal, 2020, 893, 105.	4.5	7
140	DELVE-ing into the Jet: A Thin Stellar Stream on a Retrograde Orbit at 30 kpc. Astronomical Journal, 2022, 163, 18.	4.7	7
141	GD-1: The Relic of an Old Metal-poor Globular Cluster. Astrophysical Journal, 2018, 869, 122.	4.5	6
142	Axial Asymmetry Studies in Gaia Data Release 2 Yield the Pattern Speed of the Galactic Bar. Astrophysical Journal Letters, 2020, 899, L14.	8.3	6
143	GLOBULAR AND OPEN CLUSTERS OBSERVED BY SDSS/SEGUE: THE GIANT STARS. Astronomical Journal, 2016, 151, 7.	4.7	4
144	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. Astrophysical Journal, Supplement Series, 2022, 259, 27.	7.7	4

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145	CENSUS OF BLUE STARS IN SDSS DR8. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 24.	7.7	3
146	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
147	The environment of Lyman break analogues (ELBA) survey: star-forming galaxies in small groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5183-5193.	4.4	2
148	The Monoceros Ring, and Other Substructure Near the Galactic Plane. <i>Astrophysics and Space Science Library</i> , 2016, , 63-86.	2.7	2
149	Statistical properties of blue horizontal branch stars in the spheroid: detection of a moving group ~ 450 kpc from the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	1
150	The Diffuse Light Envelope of Luminous Red Galaxies. <i>Research Notes of the AAS</i> , 2020, 4, 174.	0.7	0