Christopher J Miller

List of Publications by Year
in descending order

169 papers	14,005 citations	20817 60 h-index	20961 115 g-index
169 all docs	169 docs citations	169 times ranked	9225 citing authors

#	Article	IF	Citations
1	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.	8.3	656
2	Galaxy Star Formation as a Function of Environment in the Early Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, 2003, 584, 210-227.	4.5	651
3	The Dark Energy Survey: more than dark energy – an overview. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1270-1299.	4.4	618
4	The Bimodal Galaxy Color Distribution: Dependence on Luminosity and Environment. Astrophysical Journal, 2004, 615, L101-L104.	4.5	546
5	A MaxBCG Catalog of 13,823 Galaxy Clusters from the Sloan Digital Sky Survey. Astrophysical Journal, 2007, 660, 239-255.	4.5	479
6	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466
7	Galaxy Zoo: the dependence of morphology and colour on environment. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1324-1352.	4.4	460
8	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
9	Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1355-1372.	4.4	443
10	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. Astrophysical Journal, 2017, 834, 110.	4.5	412
11	Star Formation Rate Indicators in the Sloan Digital Sky Survey. Astrophysical Journal, 2003, 599, 971-991.	4.5	311
12	Percolation Galaxy Groups and Clusters in the SDSS Redshift Survey: Identification, Catalogs, and the Multiplicity Function. Astrophysical Journal, Supplement Series, 2006, 167, 1-25.	7.7	311
13	The C4 Clustering Algorithm: Clusters of Galaxies in the Sloan Digital Sky Survey. Astronomical Journal, 2005, 130, 968-1001.	4.7	254
14	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	7.7	233
15	The Environment of Active Galactic Nuclei in the Sloan Digital Sky Survey. Astrophysical Journal, 2003, 597, 142-156.	4.5	220
16	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
17	The Luminosities, Sizes, and Velocity Dispersions of Brightest Cluster Galaxies: Implications for Formation History. Astronomical Journal, 2007, 133, 1741-1755.	4.7	196
18	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	4.5	193

#	ARTICLE	IF	CITATIONS
19	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	4.4	156
20	Evolution and Environment of Early-Type Galaxies. Astronomical Journal, 2006, 131, 1288-1317.	4.7	152
21	The XMM Cluster Survey: A Massive Galaxy Cluster at z = 1.45. Astrophysical Journal, 2006, 646, L13-L16.	4.5	148
22	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	4.4	144
23	Early assembly of the most massive galaxies. Nature, 2009, 458, 603-606.	27.8	138
24	STELLAR KINEMATICS AND METALLICITIES IN THE ULTRA-FAINT DWARF GALAXY RETICULUM II. Astrophysical Journal, 2015, 808, 95.	4.5	132
25	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH *FERMI*-LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	8.3	131
26	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 172.	4.7	128
27	Controlling the False-Discovery Rate in Astrophysical Data Analysis. Astronomical Journal, 2001, 122, 3492-3505.	4.7	126
28	The XMM Cluster Survey: optical analysis methodology and the first data release. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1024-1052.	4.4	124
29	The Cluster Mass Function from Early Sloan Digital Sky Survey Data: Cosmological Implications. Astrophysical Journal, 2003, 585, 182-190.	4.5	121
30	A Merged Catalog of Clusters of Galaxies from Early Sloan Digital Sky Survey Data. Astrophysical Journal, Supplement Series, 2003, 148, 243-274.	7.7	119
31	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3653-3673.	4.4	119
32	Hα-Strong Galaxies in the Sloan Digital Sky Survey: I. The Catalog. Publication of the Astronomical Society of Japan, 2003, 55, 771-787.	2.5	115
33	The Environment of Passive Spiral Galaxies in the SDSS. Publication of the Astronomical Society of Japan, 2003, 55, 757-770.	2.5	110
34	THE *XMM* CLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9â€"1738 AT *z* = 1.46. Astrophysical Journal, 2010, 718, 133-147.	4.5	110
35	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
36	A New Source Detection Algorithm Using the False-Discovery Rate. Astronomical Journal, 2002, 123, 1086-1094.	4.7	103

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37	The Mean and Scatter of the Velocity Dispersion–Optical Richness Relation for maxBCG Galaxy Clusters. Astrophysical Journal, 2007, 669, 905-928.	4.5	101
38	THE *XMM* CLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2010, 718, 23-30.	4.5	99
39	Eight new luminous $z \geq 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4702-4718.	4.4	92
40	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	4.5	92
41	Detection of the kinematic Sunyaev–Zel'dovich effect with DES Year 1 and SPT. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3172-3193.	4.4	88
42	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.	4.4	87
43	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.	4.4	87
44	Nearest Neighbor: The Low-mass Milky Way Satellite Tucana III*. Astrophysical Journal, 2017, 838, 11.	4.5	83
45	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.	4.4	82
46	THE *XMM* CLUSTER SURVEY: GALAXY MORPHOLOGIES AND THE COLOR-MAGNITUDE RELATION IN XMMXCS J2215.9 – 1738 AT *z* = 1.46. Astrophysical Journal, 2009, 697, 436-451.	4.5	78
47	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. Astrophysical Journal Letters, 2016, 818, L8.	8.3	78
48	The *XMM* Cluster Survey: testing chameleon gravity using the profiles of clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1171-1183.	4.4	77
49	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.	4.4	77
50	The effect of large-scale structure on the SDSS galaxy three-point correlation function. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1507-1514.	4.4	76
51	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	4.4	75
52	Weak lensing by galaxy troughs in DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3367-3380.	4.4	71
53	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2016, 457, 786-808.	4.4	71
54	The XMM Cluster Survey: the interplay between the brightest cluster galaxy and the intracluster medium via AGN feedback. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2213-2229.	4.4	69

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55	Superluminous supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2215-2241.	4.4	67
56	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift~0.25. Astrophysical Journal, 2019, 874, 165.	4.5	65
57	A SYSTEMATIC ANALYSIS OF CAUSTIC METHODS FOR GALAXY CLUSTER MASSES. Astrophysical Journal, 2013, 773, 116.	4.5	64
58	The XMM Cluster Survey: X-ray analysis methodology. Monthly Notices of the Royal Astronomical Society, 2011, 418, 14-53.	4.4	63
59	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
60	Finding high-redshift strong lenses in DES using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5330-5349.	4.4	62
61	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
62	Morphological Butcher–Oemler Effect in the SDSS "Cut and Enhance" Galaxy Cluster Catalog. Publication of the Astronomical Society of Japan, 2003, 55, 739-755.	2.5	61
63	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.	4.4	55
64	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L33.	8.3	55
65	Weak-Lensing Measurements of 42 SDSS/RASS Galaxy Clusters. Astrophysical Journal, 2001, 554, 881-887.	4.5	53
66	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1215-1227.	4.4	53
67	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
68	The Clustering of Active Galactic Nuclei in the Sloan Digital Sky Survey. Astrophysical Journal, 2004, 610, L85-L88.	4.5	51
69	Near-infrared imaging of 222 nearby Hα-strong galaxies from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2005, 360, 587-609.	4.4	51
70	Cluster Merger Variance and the Luminosity Gap Statistic. Astrophysical Journal, 2006, 637, L9-L12.	4.5	50
71	Joint measurement of lensing–galaxy correlations using SPT and DES SV data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4099-4114.	4.4	50
72	Orientation bias of optically selected galaxy clusters and its impact on stacked weak-lensing analyses. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1713-1722.	4.4	49

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73	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. Astrophysical Journal Letters, 2017, 849, L34.	8.3	49
74	The *XMM* Cluster Survey: forecasting cosmological and cluster scaling-relation parameter constraints. Monthly Notices of the Royal Astronomical Society, 2009, 397, 577-607.	4.4	48
75	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 226, 24.	7.7	47
76	THE *XMM* CLUSTER SURVEY: THE STELLAR MASS ASSEMBLY OF FOSSIL GALAXIES. Astrophysical Journal, 2012, 752, 12.	4.5	47
77	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and *Planck* lensing. Monthly Notices of the Royal Astronomical Society, 2016, 459, 21-34.	4.4	46
78	Multiple Spiral Arms in the Disk around Intermediate-mass Binary HD 34700A. Astrophysical Journal, 2019, 872, 122.	4.5	46
79	The *XMM* Cluster Survey: The Dynamical State of XMMXCS J2215.9â^'1738 at *z* = 1.457. Astrophysical Journal, 2007, 670, 1000-1009.	4.5	44
80	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
81	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.	4.4	44
82	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE z â^¼ 1.2. Astrophysical Journal, 2016, 816, 98.	4.5	43
83	Chemical Abundance Analysis of Tucana III, the Second r-process Enhanced Ultra-faint Dwarf Galaxy*. Astrophysical Journal, 2019, 882, 177.	4.5	42
84	More out of less: an excess integrated Sachsâ€"Wolfe signal from supervoids mapped out by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5267-5277.	4.4	42
85	Possible Detection of Baryonic Fluctuations in the Largeâ€Scale Structure Power Spectrum. Astrophysical Journal, 2001, 555, 68-73.	4.5	41
86	A Search for the Most Massive Galaxies: Double Trouble?. Astronomical Journal, 2006, 131, 2018-2034.	4.7	41
87	Discovery of two gravitationally lensed quasars in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1260-1265.	4.4	41
88	A measurement of CMB cluster lensing with SPT and DES year 1 data. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2674-2688.	4.4	41
89	A NEW TEST OF THE STATISTICAL NATURE OF THE BRIGHTEST CLUSTER GALAXIES. Astrophysical Journal, 2010, 715, 1486-1496.	4.5	40
90	VELOCITY ANISOTROPY AND SHAPE BIAS IN THE CAUSTIC TECHNIQUE. Astrophysical Journal Letters, 2013, 768, L32.	8.3	40

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91	The LMC geometry and outer stellar populations from early DES data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1129-1145.	4.4	39
92	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
93	Examining the Effect of the Map‐making Algorithm on Observed Power Asymmetry in WMAP Data. Astrophysical Journal, 2006, 638, 1-19.	4.5	38
94	The MX Northern Abell Cluster Redshift Survey. Astrophysical Journal, Supplement Series, 1998, 115, 1-18.	7.7	38
95	Revealing components of the galaxy population through non-parametric techniques. Monthly Notices of the Royal Astronomical Society, 2008, 391, 607-616.	4.4	37
96	IMPACT OF SYSTEMATICS ON SZ-OPTICAL SCALING RELATIONS. Astrophysical Journal, 2012, 757, 1.	4.5	35
97	Search for RR Lyrae stars in DES ultrafaint systems: GrusÂI, KimÂ2, PhoenixÂII, and GrusÂII. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2183-2199.	4.4	35
98	Câ‰iv 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
99	The Power Spectrum of Rich Clusters on Near‐Gigaparsec Scales. Astrophysical Journal, 2001, 551, 635-642.	4.5	33
100	Mass and Redshift Dependence of Star Formation in Relaxed Galaxy Clusters. Astrophysical Journal, 2008, 679, 279-292.	4.5	33
101	Discovery of Extreme Examples of Superclustering in Aquarius. Astrophysical Journal, 1999, 520, 491-506.	4.5	32
102	From star-forming spirals to passive spheroids: integral field spectroscopy of E+A galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 420, 672-683.	4.4	29
103	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
104	Emission-Line Spectroscopy of Damped LyÎ± Systems: The Case of SBS 1543+593/HS 1543+5921. Astrophysical Journal, 2005, 625, L79-L82.	4.5	27
105	The <i>XMM</i> Cluster Survey: evidence for energy injection at high redshift from evolution of the X-ray luminosity-temperature relation. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2086-2096.	4.4	27
106	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. Astronomical Journal, 2020, 160, 267.	4.7	27
107	The Nearest Neighbor Alignment of Cluster X‐Ray Isophotes. Astrophysical Journal, 2002, 565, 849-853.	4.5	25
108	ASSESSMENT OF SYSTEMATIC CHROMATIC ERRORS THAT IMPACT SUB-1% PHOTOMETRIC PRECISION IN LARGE-AREA SKY SURVEYS. Astronomical Journal, 2016, 151, 157.	4.7	24

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109	Projection, Spatial Correlations, and Anisotropies in a Large and Complete Sample of Abell Clusters. Astrophysical Journal, 1999, 523, 492-505.	4.5	24
110	Galaxy bias from the Dark Energy Survey Science Verification data: combining galaxy density maps and weak lensing maps. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3203-3216.	4.4	23
111	Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two. Astrophysical Journal, 2018, 854, 37.	4.5	23
112	Nonparametric Inference for the Cosmic Microwave Background. Statistical Science, 2004, 19, 308.	2.8	22
113	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
114	Recent Dynamical Relaxation of Galaxy Clusters: Evidence for a Low-Ω [TINF] [ITAL]m[/ITAL] [/TINF] Universe. Astrophysical Journal, 2001, 559, L75-L78.	4.5	22
115	A Study of Quasar Selection in the Supernova Fields of the Dark Energy Survey. Astronomical Journal, 2017, 153, 107.	4.7	21
116	A Nonparametric Analysis of the Cosmic Microwave Background Power Spectrum. Astrophysical Journal, 2002, 565, L67-L70.	4.5	21
117	Cluster winds blow along supercluster axes. Monthly Notices of the Royal Astronomical Society, 1999, 304, L5-L9.	4.4	20
118	Physical properties of star clusters in the outer LMC as observed by the DES. Monthly Notices of the Royal Astronomical Society, 2016, 461, 519-541.	4.4	20
119	A DARK ENERGY CAMERA SEARCH FOR MISSING SUPERGIANTS IN THE LMC AFTER THE ADVANCED LIGO GRAVITATIONAL-WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L34.	8.3	20
120	The Impact of Environment on the Stellar Mass–Halo Mass Relation. Astrophysical Journal, 2018, 860, 2.	4.5	20
121	EinsteinCluster Alignments Revisited. Astrophysical Journal, 2000, 544, 104-108.	4.5	20
122	A MULTI-WAVELENGTH MASS ANALYSIS OF RCS2 J232727.6-020437, A $\approx 3 \times 10^{15}$ $M_\odot$ GALAXY CLUSTER AT z = 0.7. Astrophysical Journal, 2015, 814, 21.	4.5	19
123	OBSERVATION OF TWO NEW L4 NEPTUNE TROJANS IN THE DARK ENERGY SURVEY SUPERNOVA FIELDS. Astronomical Journal, 2016, 151, 39.	4.7	19
124	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.	4.4	19
125	Producing a BOSS CMASS sample with DES imaging. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2887-2906.	4.4	19
126	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. Astronomical Journal, 2020, 159, 133.	4.7	19

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127	The Evolution of the Inner Regions of Protoplanetary Disks. Astrophysical Journal, 2020, 893, 56.	4.5	18
128	Cosmological lensing ratios with DES Y1, SPT, and Planck. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1363-1379.	4.4	16
129	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
130	The MX Northern Abell Cluster Survey II: The Abell/ACO Cluster Redshifts and Spatial Analyses. Astronomical Journal, 2002, 124, 1918-1933.	4.7	16
131	Detecting the Baryons in Matter Power Spectra. Astrophysical Journal, 2002, 579, 483-490.	4.5	15
132	Gemini Multi-Object Spectrograph Integral Field Spectroscopy of a Merging System with Enhanced Balmer Absorption. Astrophysical Journal, 2005, 622, 260-266.	4.5	15
133	Massive Cooling Flow Clusters Inhabit Crowded Environments. Astrophysical Journal, 1999, 520, L5-L8.	4.5	14
134	A STUDY OF CENTRAL GALAXY ROTATION WITH STELLAR MASS AND ENVIRONMENT. Astronomical Journal, 2017, 153, 89.	4.7	14
135	BAO from angular clustering: optimization and mitigation of theoretical systematics. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3031-3051.	4.4	14
136	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
137	Crowded Cluster Cores: An Algorithm for Deblending in Dark Energy Survey Images. Publications of the Astronomical Society of the Pacific, 2015, 127, 1183-1196.	3.1	13
138	Comparing Dark Energy Survey and<i>HST</i>â€"CLASH observations of the galaxy cluster RXC J2248.7â^4431: implications for stellar mass versus dark matter. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1486-1499.	4.4	12
139	Statistical determination of bulk flow motions. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 025-025.	5.4	11
140	STACKING CAUSTIC MASSES FROM GALAXY CLUSTERS. Astrophysical Journal, 2017, 834, 204.	4.5	11
141	Eccentricity Evolution in Simulated Galaxy Clusters. Astrophysical Journal, 2003, 591, 741-748.	4.5	10
142	Probing theories of gravity with phase space-inferred potentials of galaxy clusters. Physical Review D, 2016, 93, .	4.7	10
143	Herschel Observations of Protoplanetary Disks in Lynds 1641*. Astrophysical Journal, 2018, 863, 13.	4.5	10
144	The Impact of Environment on Late-time Evolution of the Stellar Massâ€"Halo Mass Relation. Astrophysical Journal, 2019, 878, 14.	4.5	10

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145	INFERRING GRAVITATIONAL POTENTIALS FROM MASS DENSITIES IN CLUSTER-SIZED HALOS. Astrophysical Journal, 2016, 822, 41.	4.5	9
146	Cosmology with galaxy cluster phase spaces. Physical Review D, 2017, 96, .	4.7	8
147	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data â€" 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
148	Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. Astronomical Journal, 2019, 157, 120.	4.7	8
149	A DECam Search for Explosive Optical Transients Associated with IceCube Neutrino Alerts. Astrophysical Journal, 2019, 883, 125.	4.5	8
150	ON ESCAPING A GALAXY CLUSTER IN AN ACCELERATING UNIVERSE. Astrophysical Journal, 2016, 830, 109.	4.5	7
151	The<i>XMM</i>Cluster Survey: evolution of the velocity dispersionâ€"temperature relation over half a Hubble time. Monthly Notices of the Royal Astronomical Society, 2016, 463, 413-428.	4.4	7
152	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
153	Environmental Dependence of the Fundamental Plane of Galaxy Clusters. Astrophysical Journal, 1999, 526, L61-L63.	4.5	7
154	TheXMMCluster Survey: the halo occupation number of BOSS galaxies in X-ray clusters. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1929-1943.	4.4	6
155	Systematic Labeling Bias in Galaxy Morphologies. Astronomical Journal, 2018, 156, 284.	4.7	6
156	An Optical Survey of the Position Error Contours of Unidentified High-Energy Gamma-Ray Sources at Galactic Latitude |b|â€°>â€°20°. Astronomical Journal, 2004, 128, 56-61.	4.7	5
157	Mapping the Cosmological Confidence Ball Surface. Astrophysical Journal, 2007, 665, 25-41.	4.5	5
158	Systematic Labeling Bias: De-biasing Where Everyone is Wrong. , 2014, , .		5
159	Testing emergent gravity with mass densities of galaxy clusters. Physical Review D, 2020, 102, .	4.7	5
160	The XMM Cluster Survey: predicted overlap with the Planck Cluster Catalogue. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1007-1013.	4.4	4
161	Deriving Galaxy Cluster Velocity Anisotropy Profiles from a Joint Analysis of Dynamical and Weak Lensing Data. Astrophysical Journal, 2019, 874, 33.	4.5	4
162	Galaxy Cluster Mass Estimates in the Presence of Substructure. Astrophysical Journal, 2020, 888, 106.	4.5	4

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163	X–Ray Observations of Optically Selected Giant Elliptical–Dominated Galaxy Groups. Astrophysical Journal, 2008, 684, 204-211.	4.5	4
164	The Interplay of Cluster and Galaxy Evolution. Astrophysics and Space Science, 2003, 285, 157-165.	1.4	3
165	Emergent Gravity Fails to Explain Color-dependent Galaxy–Galaxy Lensing Signal from SDSS DR7. Astrophysical Journal, 2021, 914, 96.	4.5	3
166	Building archives in the virtual observatory era. , 2010, , .		2
167	Star-Forming Galaxies in the Sloan Digital Sky Survey – The View from Pittsburgh. , 0, , 320-325.		1
168	The Interplay of Cluster and Galaxy Evolution. , 2003, , 157-165.		1
169	Quantifying the Projected Suppression of Cluster Escape Velocity Profiles. Astrophysical Journal, 2022, 926, 126.	4.5	1