

August E Evrard

List of Publications by Year in descending order

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195
papers

17,418
citations

14655

66
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14208

128
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195
all docs

195
docs citations

195
times ranked

7721
citing authors

#	ARTICLE	IF	CITATIONS
1	The mass function of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2001, 321, 372-384.	4.4	1,335
2	Cosmological Parameters from Observations of Galaxy Clusters. Annual Review of Astronomy and Astrophysics, 2011, 49, 409-470.	24.3	809
3	The baryon content of galaxy clusters: a challenge to cosmological orthodoxy. Nature, 1993, 366, 429-433.	27.8	745
4	Mass Estimates of X-Ray Clusters. Astrophysical Journal, 1996, 469, 494.	4.5	535
5	Properties of the Intracluster Medium in an Ensemble of Nearby Galaxy Clusters. Astrophysical Journal, 1999, 517, 627-649.	4.5	493
6	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466
7	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
8	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	4.5	405
9	The Santa Barbara Cluster Comparison Project: A Comparison of Cosmological Hydrodynamics Solutions. Astrophysical Journal, 1999, 525, 554-582.	4.5	399
10	The LX-T relation and intracluster gas fractions of X-ray clusters. Monthly Notices of the Royal Astronomical Society, 1999, 305, 631-640.	4.4	399
11	COSMOLOGICAL CONSTRAINTS FROM THE SLOAN DIGITAL SKY SURVEY MaxBCG CLUSTER CATALOG. Astrophysical Journal, 2010, 708, 645-660.	4.5	382
12	Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations. Astrophysical Journal, 2002, 573, 7-36.	4.5	305
13	Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology. Astrophysical Journal, 2008, 672, 122-137.	4.5	293
14	The C4 Clustering Algorithm: Clusters of Galaxies in the Sloan Digital Sky Survey. Astronomical Journal, 2005, 130, 968-1001.	4.7	254
15	Expectations for X-ray cluster observations by the ROSAT satellite. Astrophysical Journal, 1991, 383, 95.	4.5	245
16	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	7.7	233
17	Formation and evolution of X-ray clusters - A hydrodynamic simulation of the intracluster medium. Astrophysical Journal, 1990, 363, 349.	4.5	215
18	MaxBCG: A Redshift Sequence Galaxy Cluster Finder. Astrophysical Journal, 2007, 660, 221-238.	4.5	199

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19	The intracluster gas fraction in X-ray clusters: constraints on the clustered mass density. Monthly Notices of the Royal Astronomical Society, 1997, 292, 289-297.	4.4	194
20	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	7.7	192
21	Beyond N-body: 3D cosmological gas dynamics. Monthly Notices of the Royal Astronomical Society, 1988, 235, 911-934.	4.4	186
22	Cosmological Constraints from Observed Cluster X-Ray Morphologies. Astrophysical Journal, 1995, 447, 8.	4.5	180
23	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
24	Effects of Preheating on X-Ray Scaling Relations in Galaxy Clusters. Astrophysical Journal, 2001, 555, 597-612.	4.5	157
25	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
26	Shapes and Alignments of Galaxy Cluster Halos. Astrophysical Journal, 2005, 629, 781-790.	4.5	153
27	ROBUST OPTICAL RICHNESS ESTIMATION WITH REDUCED SCATTER. Astrophysical Journal, 2012, 746, 178.	4.5	150
28	MASSIVE HALOS IN MILLENNIUM GAS SIMULATIONS: MULTIVARIATE SCALING RELATIONS. Astrophysical Journal, 2010, 715, 1508-1523.	4.5	145
29	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	4.4	145
30	Four Measures of the Intracluster Medium Temperature and Their Relation to a Cluster's Dynamical State. Astrophysical Journal, 2001, 546, 100-116.	4.5	145
31	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	7.8	144
32	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2184-2196.	4.4	143
33	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.	4.4	140
34	The X-Ray Luminosity-Mass Relation for Local Clusters of Galaxies. Astrophysical Journal, 2006, 648, 956-968.	4.5	130
35	THE X-RAY CLUSTER NORMALIZATION OF THE MATTER POWER SPECTRUM. Astrophysical Journal, 2009, 691, 1307-1321.	4.5	130
36	LoCuSS: A COMPARISON OF CLUSTER MASS MEASUREMENTS FROM XMM-NEWTON AND SUBARU TESTING DEVIATION FROM HYDROSTATIC EQUILIBRIUM AND NON-THERMAL PRESSURE SUPPORT. Astrophysical Journal, 2010, 711, 1033-1043.	4.5	128

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37	Clustering of galaxy clusters in cold dark matter universes. Monthly Notices of the Royal Astronomical Society, 2002, 319, 209-214.	4.4	122
38	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	7.7	120
39	Two-fluid simulations of galaxy formation. Astrophysical Journal, 1994, 422, 11.	4.5	120
40	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
41	A simulation of the intracluster medium with feedback from cluster galaxies. Astrophysical Journal, 1994, 437, 564.	4.5	119
42	Effects of Mergers and Core Structure on the Bulk Properties of Nearby Galaxy Clusters. Astrophysical Journal, 2006, 639, 64-80.	4.5	114
43	The XXL Survey. Astronomy and Astrophysics, 2016, 592, A2.	5.1	114
44	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
45	Milky Way Satellite Census. II. Galaxy "Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	4.5	101
46	LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 456, L74-L78.	3.3	93
47	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93
48	The Effects of Clumping and Substructure on Intracluster Medium Mass Measurements. Astrophysical Journal, 1999, 520, L21-L24.	4.5	93
49	Eight new luminous $z \approx 6$ 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
50	The L_X - M_X relation of clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 387, L28-L32.	3.3	88
51	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
52	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
53	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	4.4	86
54	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	7.8	86

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55	ROSAT observations of compact groups of galaxies. <i>Astrophysical Journal</i> , 1995, 443, 514.	4.5	86
56	Expectations for an Interferometric Sunyaev-Zeldovich Effect Survey for Galaxy Clusters. <i>Astrophysical Journal</i> , 2000, 544, 629-635.	4.5	82
57	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.	4.4	82
58	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A5.	5.1	81
59	Biased cold dark matter theory - Trouble from rich clusters?. <i>Astrophysical Journal</i> , 1989, 341, L71.	4.5	81
60	An X-ray Size-Temperature Relation for Galaxy Clusters: Observation and Simulation. <i>Astrophysical Journal</i> , 1997, 491, 38-44.	4.5	78
61	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 900, L33.	8.3	74
62	The ultimate halo mass in a Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 363, L11-L15.	3.3	73
63	No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 786-808.	4.4	71
64	Future Evolution of Cosmic Structure in an Accelerating Universe. <i>Astrophysical Journal</i> , 2003, 596, 713-724.	4.5	70
65	Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at $0.2 < z < 1.25$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3072-3099.	4.4	70
66	Survey geometry and the internal consistency of recent cosmic shear measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4998-5004.	4.4	68
67	The effect of gas physics on the halo mass function. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 394, L11-L15.	3.3	67
68	Closing the loop: a self-consistent model of optical, X-ray and Sunyaev-Zel'dovich scaling relations for clusters of Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 78-96.	4.4	67
69	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
70	VDES J2325+5229 $z \approx 2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4325-4334.	4.4	66
71	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 273-288.	4.4	65
72	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift $z \approx 0.25$. <i>Astrophysical Journal</i> , 2019, 874, 165.	4.5	65

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73	Three new VHSâ€“DES quasars at $6.7 < z < 6.9$ and emission line properties at $z \approx 6.5$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	4.4	64
74	Dark Energy Survey Year 1 results: cross-correlation redshifts â€“ methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	4.4	63
75	A Morphology-Cosmology Connection for X-Ray Clusters. Astrophysical Journal, 1993, 419, L9.	4.5	62
76	ACCRETION SHOCKS IN CLUSTERS OF GALAXIES AND THEIR SZ SIGNATURE FROM COSMOLOGICAL SIMULATIONS. Astrophysical Journal, 2009, 696, 1640-1656.	4.5	58
77	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	4.4	58
78	A comparison of cosmological hydrodynamic codes. Astrophysical Journal, 1994, 430, 83.	4.5	57
79	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	7.7	56
80	Radial Temperature Profiles of X-Ray-emitting Gas within Clusters of Galaxies. Astrophysical Journal, 1999, 519, 518-532.	4.5	56
81	A model for multiproperty galaxy cluster statistics. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3562-3569.	4.4	55
82	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
83	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. Physical Review Letters, 2021, 126, 141301.	7.8	55
84	Galaxy cluster mass estimation from stacked spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3900-3912.	4.4	54
85	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.	4.4	52
86	Joint measurement of lensingâ€“galaxy correlations using SPT and DES SV data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4099-4114.	4.4	50
87	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A10.	5.1	49
88	Cosmology from large-scale galaxy clustering and galaxyâ€“galaxy lensing with Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4045-4062.	4.4	48
89	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.	7.7	48
90	Testing the lognormality of the galaxy and weak lensing convergence distributions from Dark Energy Survey maps. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1444-1461.	4.4	48

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91	Modelling projection effects in optically selected cluster catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 482, 490-505.	4.4	48
92	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
93	A new RASS galaxy cluster catalogue with low contamination extending to $z \approx 1$ in the DES overlap region. Monthly Notices of the Royal Astronomical Society, 2019, 488, 739-769.	4.4	44
94	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
95	Red-sequence cluster finding in the Millennium Simulation. Monthly Notices of the Royal Astronomical Society, 2007, 382, 1738-1750.	4.4	43
96	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \approx 1.2$. Astrophysical Journal, 2016, 816, 98.	4.5	43
97	Well of darkness. Nature, 1998, 394, 122-123.	27.8	42
98	Virial scaling of galaxies in clusters: bright to faint is cool to hot. Monthly Notices of the Royal Astronomical Society, 2013, 436, 460-469.	4.4	42
99	Modelling the Tucana III stream - a close passage with the LMC. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	42
100	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. Physical Review Letters, 2015, 115, 051301.	7.8	40
101	Localized massive halo properties in bahamas and MACSIS simulations: scalings, lognormality, and covariance. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2618-2632.	4.4	40
102	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
103	Dark Energy Survey year 3 results: covariance modelling and its impact on parameter estimation and quality of fit. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3125-3165.	4.4	39
104	Calibrating the Planck cluster mass scale with CLASH. Astronomy and Astrophysics, 2017, 604, A89.	5.1	38
105	A multicomponent matched filter cluster confirmation tool for eROSITA: initial application to the RASS and DES-SV data sets. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3324-3343.	4.4	38
106	Detection of anti-correlation of hot and cold baryons in galaxy clusters. Nature Communications, 2019, 10, 2504.	12.8	38
107	On the relative bias of void tracers in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2836-2852.	4.4	37
108	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	4.4	37

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109	The X-ray Size-Temperature Relation for Intermediate-Redshift Galaxy Clusters. <i>Astrophysical Journal</i> , 2000, 544, 109-116.	4.5	37
110	A Cold Front in a Preheated Galaxy Cluster. <i>Astrophysical Journal</i> , 2002, 578, L9-L13.	4.5	36
111	Sensitivity of galaxy cluster dark energy constraints to halo modeling uncertainties. <i>Physical Review D</i> , 2010, 81, .	4.7	36
112	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
113	Dark Energy Survey Year 3 Results: clustering redshifts – calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1223-1247.	4.4	36
114	Simulations of deep pencil-beam redshift surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 803-816.	4.4	35
115	A comparative study of local galaxy clusters – II. X-ray and SZ scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 62-77.	4.4	35
116	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2871-2888.	4.4	34
117	Rhapsody-G simulations I: the cool cores, hot gas and stellar content of massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx001.	4.4	33
118	LoCuSS: scaling relations between galaxy cluster mass, gas, and stellar content. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 60-80.	4.4	33
119	Deprojection of Galaxy Cluster X-ray, Sunyaev-Zeldovich Temperature Decrement, and Weak Lensing Mass Maps. <i>Astrophysical Journal</i> , 2001, 561, 600-620.	4.5	33
120	MODELING THE TRANSFER FUNCTION FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 801, 73.	4.5	32
121	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.	4.4	32
122	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.	4.4	32
123	Rhapsody-G simulations: galaxy clusters as baryonic closed boxes and the covariance between hot gas and galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1982-1991.	4.4	31
124	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4614-4635.	4.4	31
125	Galaxy Populations in Massive Galaxy Clusters to $z = 1.1$: Color Distribution, Concentration, Halo Occupation Number and Red Sequence Fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx175.	4.4	30
126	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps – validation on simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4060-4087.	4.4	29

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127	The evolution of active galactic nuclei in clusters of galaxies from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2531-2539.	4.4	28
128	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
129	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.	4.4	28
130	The morphology-density relation for galaxies in a cold dark matter-dominated universe. Astrophysical Journal, 1990, 365, 13.	4.5	28
131	Clustering of Dark Matter Halos on the Light Cone: Scale, Time, and Mass Dependence of the Halo Biasing in the Hubble Volume Simulations. Astrophysical Journal, 2001, 561, L143-L146.	4.5	27
132	Stellar property statistics of massive haloes from cosmological hydrodynamics simulations: common kernel shapes. Monthly Notices of the Royal Astronomical Society, 2020, 495, 686-704.	4.4	26
133	The Merger in Abell 576: A Line-of-Sight Bullet Cluster?. Astrophysical Journal, 2007, 668, 781-795.	4.5	25
134	The Asymptotic Form of Cosmic Structure: Small-scale Power and Accretion History. Astrophysical Journal, 2007, 665, 1-13.	4.5	24
135	HOLICOW – X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI2033-4723. Monthly Notices of the Royal Astronomical Society, 2019, 490, 613-633.	4.4	24
136	A joint SZ-X-ray-optical analysis of the dynamical state of 288 massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 705-725.	4.4	24
137	Cluster-Supercluster Alignments. Astrophysical Journal, 2007, 657, 30-36.	4.5	24
138	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
139	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
140	Effects of selection and covariance on X-ray scaling relations of galaxy clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 383, L10-L14.	3.3	22
141	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	4.5	21
142	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3870-3883.	4.4	21
143	Weak-lensing analysis of SPT-selected galaxy clusters using Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2019, 485, 69-87.	4.4	21
144	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	7.7	21

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145	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021, 923, 37.	4.5	20
146	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.	4.4	19
147	A machine learning approach to galaxy properties: joint redshiftâ€‘stellar mass probability distributions with Random Forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2770-2786.	4.4	19
148	A <i>Spitzer</i> survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 892-910.	4.4	19
149	Dark Energy Survey Year 3 results: galaxyâ€‘halo connection from galaxyâ€‘galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3119-3147.	4.4	18
150	Confusion of Diffuse Objects in the X-Ray Sky. <i>Astrophysical Journal</i> , 2001, 548, L123-L126.	4.5	17
151	Opticalâ€‘SZE scaling relations for DES optically selected clusters within the SPT-SZ Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3347-3360.	4.4	17
152	Baryonic imprints on DM haloes: population statistics from dwarf galaxies to galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3441-3461.	4.4	17
153	HSC-XXL: Baryon budget of the 136 XXL groups and clusters. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 175-208.	2.5	17
154	Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1363-1379.	4.4	16
155	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A8.	5.1	15
156	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.	4.4	15
157	The WazP galaxy cluster sample of the dark energy survey year 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4435-4456.	4.4	15
158	ADDGALS: Simulated Sky Catalogs for Wide Field Galaxy Surveys. <i>Astrophysical Journal</i> , 2022, 931, 145.	4.5	15
159	Galaxy bias from galaxyâ€‘galaxy lensing in the DES science verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1667-1684.	4.4	14
160	STRUCTURE IN A LOITERING UNIVERSE. <i>International Journal of Modern Physics D</i> , 1993, 02, 113-122.	2.1	13
161	Influence of projection in cluster cosmology studies. <i>Physical Review D</i> , 2011, 84, .	4.7	13
162	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.	4.4	13

#	ARTICLE	IF	CITATIONS
163	Detecting Intracluster Gas Motion in Galaxy Clusters: MockAstro $\hat{E}2$ Observations. <i>Astrophysical Journal</i> , 2005, 631, 773-784.	4.5	12
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