

August E Evrard

List of Publications by Year in descending order

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195
papers

17,418
citations

16791

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128
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195
all docs

195
docs citations

195
times ranked

8276
citing authors

#	ARTICLE	IF	CITATIONS
1	HSC-XXL: Baryon budget of the 136 XXL groups and clusters. Publication of the Astronomical Society of Japan, 2022, 74, 175-208.	1.0	17
2	Dark Energy Survey Year 3 Results: Measuring the Survey Transfer Function with Balrog. Astrophysical Journal, Supplement Series, 2022, 258, 15.	3.0	21
3	The XXL Survey. XLII. The $L_X - f_{\nu}$ relation of galaxy groups and clusters detected in the XXL and GAMA surveys. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1227-1246.	1.6	2
4	The Observed Evolution of the Stellar Mass-Halo Mass Relation for Brightest Central Galaxies. Astrophysical Journal, 2022, 928, 28.	1.6	11
5	The Evolution of AGN Activity in Brightest Cluster Galaxies. Astronomical Journal, 2022, 163, 146.	1.9	7
6	Lensing without borders – I. A blind comparison of the amplitude of galaxy-galaxy lensing between independent imaging surveys. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6150-6189.	1.6	12
7	Galaxy velocity bias in cosmological simulations: towards per cent-level calibration. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2980-2997.	1.6	12
8	ADDGALS: Simulated Sky Catalogs for Wide Field Galaxy Surveys. Astrophysical Journal, 2022, 931, 145.	1.6	15
9	KLLR: A Scale-dependent, Multivariate Model Class for Regression Analysis. Astrophysical Journal, 2022, 931, 166.	1.6	8
10	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4696-4717.	1.6	3
11	LoVoCCS. I. Survey Introduction, Data Processing Pipeline, and Early Science Results. Astrophysical Journal, 2022, 933, 84.	1.6	2
12	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	1.6	6
13	A machine learning approach to galaxy properties: joint redshift-stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786.	1.6	19
14	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18.	3.0	56
15	The WazP galaxy cluster sample of the dark energy survey year 1. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4435-4456.	1.6	15
16	Constraints on Dark Matter Properties from Observations of Milky Way Satellite Galaxies. Physical Review Letters, 2021, 126, 091101.	2.9	144
17	Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations. Physical Review Letters, 2021, 126, 141301.	2.9	55
18	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	3.0	93

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19	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.	1.6	67
20	Galaxy clustering in harmonic space from the dark energy survey year 1 data: compatibility with real-space results. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5714-5724.	1.6	5
21	Assessing tension metrics with dark energy survey and Planck data. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6179-6194.	1.6	37
22	Galaxy morphological classification catalogue of the Dark Energy Survey Year 3 data with convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4425-4444.	1.6	32
23	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	3.0	120
24	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.	1.6	39
25	Galaxy-galaxy lensing with the DES-CMASS catalogue: measurement and constraints on the galaxy-matter cross-correlation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2033-2047.	1.6	6
26	Baryonic imprints on DM haloes: population statistics from dwarf galaxies to galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3441-3461.	1.6	17
27	Probing gravity with the DES-CMASS sample and BOSS spectroscopy. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4982-4996.	1.6	9
28	Dark Energy Survey Year 3 Results: clustering redshifts - calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1223-1247.	1.6	36
29	Dark Energy Survey Year 3 results: galaxy-halo connection from galaxy-galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3119-3147.	1.6	18
30	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. Astrophysical Journal, 2021, 923, 37.	1.6	20
31	Stellar property statistics of massive haloes from cosmological hydrodynamics simulations: common kernel shapes. Monthly Notices of the Royal Astronomical Society, 2020, 495, 686-704.	1.6	26
32	Dark Energy Survey Year 1 Results: Wide-field mass maps via forward fitting in harmonic space. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5662-5679.	1.6	8
33	Dark Energy Survey Year 3 results: cosmology with moments of weak lensing mass maps - validation on simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4060-4087.	1.6	29
34	Observation and confirmation of nine strong-lensing systems in Dark Energy Survey Year 1 data. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1308-1322.	1.6	6
35	Validation of selection function, sample contamination and mass calibration in galaxy cluster samples. Monthly Notices of the Royal Astronomical Society, 2020, 498, 771-798.	1.6	12
36	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.	1.6	28

#	ARTICLE	IF	CITATIONS
37	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.	1.6	140
38	Constraining radio mode feedback in galaxy clusters with the cluster radio AGNs properties to $z < 1$. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1705-1723.	1.6	6
39	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.	1.6	24
40	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1300-1315.	1.6	24
41	A Spitzer survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. Monthly Notices of the Royal Astronomical Society, 2020, 501, 892-910.	1.6	19
42	Milky Way Satellite Census. II. Galaxy Halo Connection Constraints Including the Impact of the Large Magellanic Cloud. Astrophysical Journal, 2020, 893, 48.	1.6	101
43	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.	3.0	74
44	On the relative bias of void tracers in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2836-2852.	1.6	37
45	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.	1.6	109
46	Detection of anti-correlation of hot and cold baryons in galaxy clusters. Nature Communications, 2019, 10, 2504.	5.8	38
47	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.	1.6	82
48	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.	1.6	19
49	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3341-3354.	1.6	15
50	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. Physical Review Letters, 2019, 123, 181301.	2.9	12
51	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3573-3587.	1.6	32
52	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.	1.6	52
53	HOLiCOW X. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI+2033+4723. Monthly Notices of the Royal Astronomical Society, 2019, 490, 613-633.	1.6	24
54	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	1.6	58

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55	Dark Energy Survey Year 1 results: measurement of the galaxy angular power spectrum. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3870-3883.	1.6	21
56	Cosmological lensing ratios with DES Y1, SPT, and Planck. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1363-1379.	1.6	16
57	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.	1.6	44
58	Three new VHS DES quasars at $6.7 < z < 6.9$ and emission line properties at $z > 6.5$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	1.6	64
59	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.	1.6	44
60	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. Astrophysical Journal, 2019, 872, 170.	1.6	28
61	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift ~ 0.25 . Astrophysical Journal, 2019, 874, 165.	1.6	65
62	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.	1.6	143
63	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	2.9	86
64	Modelling projection effects in optically selected cluster catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 482, 490-505.	1.6	48
65	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.	3.0	179
66	LoCuSS: scaling relations between galaxy cluster mass, gas, and stellar content. Monthly Notices of the Royal Astronomical Society, 2019, 484, 60-80.	1.6	33
67	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.	1.6	21
68	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.	1.6	13
69	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	3.0	192
70	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A5.	2.1	81
71	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A8.	2.1	15
72	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A10.	2.1	49

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73	Localized massive halo properties in bahamas and MACSIS simulations: scalings, lognormality, and covariance. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2618-2632.	1.6	40
74	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	3.0	455
75	Survey geometry and the internal consistency of recent cosmic shear measurements. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4998-5004.	1.6	68
76	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2871-2888.	1.6	34
77	Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at $0.2 < z < 1.25$. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3072-3099.	1.6	70
78	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.	1.6	39
79	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	1.6	31
80	Galaxy bias from galaxy-galaxy lensing in the DES science verification data. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1667-1684.	1.6	14
81	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.	1.6	38
82	Dark Energy Survey Year 1 results: cross-correlation redshifts - methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	1.6	63
83	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.	1.6	145
84	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.	1.6	28
85	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	1.6	86
86	Cosmology from large-scale galaxy clustering and galaxy-galaxy lensing with Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4045-4062.	1.6	48
87	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.	3.0	48
88	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.	1.6	36
89	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.	1.6	17
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.	1.6	48

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91	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.	1.6	65
92	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.	1.6	92
93	VDES J2325+5229 $z = 2.7$ gravitationally lensed quasar discovered using morphology-independent supervised machine learning. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4325-4334.	1.6	66
94	Calibrating the Planck cluster mass scale with CLASH. Astronomy and Astrophysics, 2017, 604, A89.	2.1	38
95	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	1.6	156
96	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3653-3673.	1.6	119
97	MAPPING AND SIMULATING SYSTEMATICS DUE TO SPATIALLY VARYING OBSERVING CONDITIONS IN DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 226, 24.	3.0	47
98	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	3.0	233
99	OBSERVATION AND CONFIRMATION OF SIX STRONG-LENSING SYSTEMS IN THE DARK ENERGY SURVEY SCIENCE VERIFICATION DATA*. Astrophysical Journal, 2016, 827, 51.	1.6	21
100	Comparing Dark Energy Survey and HST CLASH observations of the galaxy cluster RXC J2248.7+4431: implications for stellar mass versus dark matter. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1486-1499.	1.6	12
101	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.	1.6	88
102	Joint measurement of lensing-galaxy correlations using SPT and DES SV data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4099-4114.	1.6	50
103	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.	1.6	43
104	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.	1.6	71
105	Galaxy cluster mass estimation from stacked spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3900-3912.	1.6	54
106	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.	1.6	23
107	The XXL Survey. Astronomy and Astrophysics, 2016, 592, A2.	2.1	114
108	EIGHT ULTRA-FAINT GALAXY CANDIDATES DISCOVERED IN YEAR TWO OF THE DARK ENERGY SURVEY. Astrophysical Journal, 2015, 813, 109.	1.6	405

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109	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.	1.6	31
110	Constraints on the richness-mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2305-2319.	1.6	87
111	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. <i>Physical Review Letters</i> , 2015, 115, 051301.	2.9	40
112	Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2219-2238.	1.6	55
113	MODELING THE TRANSFER FUNCTION FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2015, 801, 73.	1.6	32
114	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. <i>Astrophysical Journal</i> , 2015, 807, 50.	1.6	466
115	LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L74-L78.	1.2	93
116	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.	1.6	67
117	A model for multiproperty galaxy cluster statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3562-3569.	1.6	55
118	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.	1.6	35
119	Virial scaling of galaxies in clusters: bright to faint is cool to hot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 460-469.	1.6	42
120	Enabling dark energy survey science analysis with simulations on XSEDE resources. , 2013, , .		3
121	ROBUST OPTICAL RICHNESS ESTIMATION WITH REDUCED SCATTER. <i>Astrophysical Journal</i> , 2012, 746, 178.	1.6	150
122	A high throughput workflow environment for cosmological simulations. , 2012, , .		4
123	Influence of projection in cluster cosmology studies. <i>Physical Review D</i> , 2011, 84, .	1.6	13
124	THE EVOLUTION OF RADIO GALAXIES AND X-RAY POINT SOURCES IN COMA CLUSTER PROGENITORS SINCE $z \approx 1.2$. <i>Astrophysical Journal</i> , 2011, 740, 59.	1.6	8
125	Cosmological Parameters from Observations of Galaxy Clusters. <i>Annual Review of Astronomy and Astrophysics</i> , 2011, 49, 409-470.	8.1	809
126	COSMOLOGICAL CONSTRAINTS FROM THE SLOAN DIGITAL SKY SURVEY MaxBCG CLUSTER CATALOG. <i>Astrophysical Journal</i> , 2010, 708, 645-660.	1.6	382

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127	LoCuSS: A COMPARISON OF CLUSTER MASS MEASUREMENTS FROM XMM-NEWTON AND SUBARU TESTING DEVIATION FROM HYDROSTATIC EQUILIBRIUM AND NON-THERMAL PRESSURE SUPPORT. <i>Astrophysical Journal</i> , 2010, 711, 1033-1043.	1.6	128
128	MASSIVE HALOS IN MILLENNIUM GAS SIMULATIONS: MULTIVARIATE SCALING RELATIONS. <i>Astrophysical Journal</i> , 2010, 715, 1508-1523.	1.6	145
129	Sensitivity of galaxy cluster dark energy constraints to halo modeling uncertainties. <i>Physical Review D</i> , 2010, 81, .	1.6	36
130	THE X-RAY CLUSTER NORMALIZATION OF THE MATTER POWER SPECTRUM. <i>Astrophysical Journal</i> , 2009, 691, 1307-1321.	1.6	130
131	ACCRETION SHOCKS IN CLUSTERS OF GALAXIES AND THEIR SZ SIGNATURE FROM COSMOLOGICAL SIMULATIONS. <i>Astrophysical Journal</i> , 2009, 696, 1640-1656.	1.6	58
132	The effect of gas physics on the halo mass function. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 394, L11-L15.	1.2	67
133	Effects of selection and covariance on X-ray scaling relations of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 383, L10-L14.	1.2	22
134	The $L_X - M$ relation of clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 387, L28-L32.	1.2	88
135	Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology. <i>Astrophysical Journal</i> , 2008, 672, 122-137.	1.6	293
136	MaxBCG: A Red-Sequence Galaxy Cluster Finder. <i>Astrophysical Journal</i> , 2007, 660, 221-238.	1.6	199
137	The Asymptotic Form of Cosmic Structure: Small-Scale Power and Accretion History. <i>Astrophysical Journal</i> , 2007, 665, 1-13.	1.6	24
138	The Merger in Abell 576: A Line-of-Sight Bullet Cluster?. <i>Astrophysical Journal</i> , 2007, 668, 781-795.	1.6	25
139	Red-sequence cluster finding in the Millennium Simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1738-1750.	1.6	43
140	Cluster-Supercluster Alignments. <i>Astrophysical Journal</i> , 2007, 657, 30-36.	1.6	24
141	The X-Ray Luminosity-Mass Relation for Local Clusters of Galaxies. <i>Astrophysical Journal</i> , 2006, 648, 956-968.	1.6	130
142	Effects of Mergers and Core Structure on the Bulk Properties of Nearby Galaxy Clusters. <i>Astrophysical Journal</i> , 2006, 639, 64-80.	1.6	114
143	Detecting Intracluster Gas Motion in Galaxy Clusters: Mock Astro-2 Observations. <i>Astrophysical Journal</i> , 2005, 631, 773-784.	1.6	12
144	The C4 Clustering Algorithm: Clusters of Galaxies in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 130, 968-1001.	1.9	254

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145	Shapes and Alignments of Galaxy Cluster Halos. <i>Astrophysical Journal</i> , 2005, 629, 781-790.	1.6	153
146	The ultimate halo mass in a Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 363, L11-L15.	1.2	73
147	Studying dark energy with galaxy cluster surveys. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003, 124, 63-67.	0.5	6
148	THE ASYMPTOTIC STRUCTURE OF SPACE-TIME. <i>International Journal of Modern Physics D</i> , 2003, 12, 1743-1750.	0.9	5
149	Future Evolution of Cosmic Structure in an Accelerating Universe. <i>Astrophysical Journal</i> , 2003, 596, 713-724.	1.6	70
150	A Cold Front in a Preheated Galaxy Cluster. <i>Astrophysical Journal</i> , 2002, 578, L9-L13.	1.6	36
151	Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations. <i>Astrophysical Journal</i> , 2002, 573, 7-36.	1.6	305
152	Clustering of galaxy clusters in cold dark matter universes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 319, 209-214.	1.6	122
153	Clusters, Cosmology and Mergers. , 2002, , 253-304.		11
154	Clustering of Dark Matter Halos on the Light Cone: Scale, Time, and Mass Dependence of the Halo Biasing in the Hubble Volume Simulations. <i>Astrophysical Journal</i> , 2001, 561, L143-L146.	1.6	27
155	Confusion of Diffuse Objects in the X-Ray Sky. <i>Astrophysical Journal</i> , 2001, 548, L123-L126.	1.6	17
156	The mass function of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 321, 372-384.	1.6	1,335
157	Simulations of deep pencil-beam redshift surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 803-816.	1.6	35
158	Effects of Preheating on X-Ray Scaling Relations in Galaxy Clusters. <i>Astrophysical Journal</i> , 2001, 555, 597-612.	1.6	157
159	Four Measures of the Intracluster Medium Temperature and Their Relation to a Cluster's Dynamical State. <i>Astrophysical Journal</i> , 2001, 546, 100-116.	1.6	145
160	Deprojection of Galaxy Cluster X-Ray, Sunyaev-Zeldovich Temperature Decrement, and Weak Lensing Mass Maps. <i>Astrophysical Journal</i> , 2001, 561, 600-620.	1.6	33
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