

Richard Bower

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

23,591
citations

7551

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times ranked

7315
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#	ARTICLE	IF	CITATIONS
1	<sc>Sphenix</sc>: smoothed particle hydrodynamics for the next generation of galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2367-2389.	1.6	24
2	The resolved chemical abundance properties within the interstellar medium of star-forming galaxies at $z \approx 1.5$. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3480-3499.	1.6	7
3	The importance of black hole repositioning for galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2022, 516, 167-184.	1.6	17
4	Supermassive black holes in cosmological simulations I: $M_{\text{BH}} \sim M_{\text{c}}^{\alpha}$ relation and black hole mass function. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1940-1975.	1.6	63
5	Inconsistencies arising from the coupling of galaxy formation sub-grid models to pressure-smoothed particle hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2316-2327.	1.6	8
6	Smoothed particle radiation hydrodynamics: two-moment method with local Eddington tensor closure. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5784-5814.	1.6	9
7	Redshift evolution of the hot intracluster gas metallicity in the C-EAGLE cluster simulations. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1606-1622.	1.6	7
8	A sparse regression approach to modelling the relation between galaxy stellar masses and their host haloes. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4584-4602.	1.6	7
9	Massively Parallel Particle Hydrodynamics at exa-scale. Computing in Science and Engineering, 2021, , 1-1.	1.2	0
10	How feedback shapes galaxies: an analytic model. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5083-5100.	1.6	7
11	Galactic inflow and wind recycling rates in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4495-4516.	1.6	36
12	Quasar Sightline and Galaxy Evolution (QSAGE) survey II. Galaxy overdensities around UV luminous quasars at $z \approx 1.5$. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3083-3096.	1.6	11
13	Galactic outflow rates in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3971-3997.	1.6	73
14	The star formation properties of the observed and simulated AGN Universe: BAT versus EAGLE. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2323-2338.	1.6	7
15	Hydrostatic mass estimates of massive galaxy clusters: a study with varying hydrodynamics flavours and non-thermal pressure support. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1622-1642.	1.6	22
16	Numerical convergence of hydrodynamical simulations of galaxy formation: the abundance and internal structure of galaxies and their cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2926-2951.	1.6	24
17	From peculiar morphologies to Hubble-type spirals: the relation between galaxy dynamics and morphology in star-forming galaxies at $z \approx 1.5$. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1492-1512.	1.6	11
18	The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Boötes Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts. Astrophysical Journal, Supplement Series, 2020, 251, 2.	3.0	21

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19	Numerical convergence of simulations of galaxy formation: the abundance and internal structure of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3663-3684.	1.6	53
20	The nature of submillimetre and highly star-forming galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2440-2454.	1.6	50
21	Angular momentum of $z \sim 1.5$ galaxies and their local analogues with adaptive optics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5700-5714.	1.6	12
22	The signal of decaying dark matter with hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4071-4089.	1.6	9
23	The dynamics and distribution of angular momentum in HiZELS star-forming galaxies at $z = 0.8 - 3.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 175-194.	1.6	17
24	The energetics of starburst-driven outflows at $z \sim 1$ from KMOS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 381-393.	1.6	23
25	Quasar Sightline and Galaxy Evolution (QSAGE) survey I. The galaxy environment of O ⁺ absorbers up to $z = 1.4$ around PKS 0232+04. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 21-41.	1.6	26
26	The submillimetre view of massive clusters at $z \sim 0.8 - 1.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3047-3058.	1.6	11
27	Disruption of satellite galaxies in simulated groups and clusters: the roles of accretion time, baryons, and pre-processing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2287-2311.	1.6	47
28	The abundances and properties of Dual AGN and their host galaxies in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2712-2720.	1.6	28
29	Galaxy formation in the Planck Millennium: the atomic hydrogen content of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4922-4937.	1.6	72
30	The relationship between the morphology and kinematics of galaxies and its dependence on dark matter halo structure in EAGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 972-987.	1.6	59
31	KROSS+SAM: a direct IFS comparison of the Tully-Fisher relation across 8 Gyr since $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2166-2188.	1.6	33
32	The oxygen abundance gradients in the gas discs of galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2208-2221.	1.6	49
33	The evolution of the baryon fraction in haloes as a cause of scatter in the galaxy stellar mass in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3261-3273.	1.6	13
34	The shapes of the rotation curves of star-forming galaxies over the last ~ 10 Gyr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 934-960.	1.6	37
35	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 492-521.	1.6	42
36	The formation of hot gaseous haloes around galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 538-559.	1.6	44

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37	The impact of dark energy on galaxy formation. What does the future of our Universe hold?. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3744-3759.	1.6	10
38	Quantifying the impact of mergers on the angular momentum of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4956-4974.	1.6	113
39	The diverse density profiles of galaxy clusters with self-interacting dark matter plus baryons. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 476, L20-L24.	1.2	62
40	Identifying the subtle signatures of feedback from distant AGN using ALMA observations and the EAGLE hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1288-1305.	1.6	44
41	The SAMI Galaxy Survey: understanding observations of large-scale outflows at low redshift with EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 380-397.	1.6	9
42	The rapid growth phase of supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3118-3128.	1.6	58
43	Cosmic CARNage I: on the calibration of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2936-2954.	1.6	23
44	The KMOS Redshift One Spectroscopic Survey (KROSS): the origin of disc turbulence in $z \sim 1$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5076-5104.	1.6	70
45	Galaxy formation efficiency and the multiverse explanation of the cosmological constant with EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3727-3743.	1.6	14
46	The three phases of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3994-4009.	1.6	68
47	The EAGLE simulations: atomic hydrogen associated with galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4204-4226.	1.6	130
48	Size matters: abundance matching, galaxy sizes, and the Tully-Fisher relation in EAGLE. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4736-4746.	1.6	43
49	Mass-Discrepancy Acceleration Relation: A Natural Outcome of Galaxy Formation in Cold Dark Matter Halos. Physical Review Letters, 2017, 118, 161103.	2.9	95
50	Winds of change: reionization by starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2176-2188.	1.6	34
51	The dark nemesis of galaxy formation: why hot haloes trigger black hole growth and bring star formation to an end. Monthly Notices of the Royal Astronomical Society, 2017, 465, 32-44.	1.6	214
52	The low-mass end of the baryonic Tully-Fisher relation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2419-2428.	1.6	69
53	<i>HST</i> grism spectroscopy of ROLES: a flatter low-mass slope for the $z \sim 1$ SSFR mass relation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3143-3160.	1.6	3
54	Constraints on galaxy formation models from the galaxy stellar mass function and its evolution. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2418-2435.	1.6	30

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55	The environmental dependence of gas accretion on to galaxies: quenching satellites through starvation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3460-3471.	1.6	54
56	Optical colours and spectral indices of $z \approx 0.1$ eagle galaxies with the 3D dust radiative transfer code skirt. Monthly Notices of the Royal Astronomical Society, 2017, 470, 771-799.	1.6	152
57	Small-scale galaxy clustering in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1771-1787.	1.6	28
58	Galaxy And Mass Assembly: search for a population of high-entropy galaxy groups. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3489-3504.	1.6	17
59	Gemini Observations of Galaxies in Rich Early Environments (GOGREEN) I: survey description. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4168-4185.	1.6	38
60	The Hydrangea simulations: galaxy formation in and around massive clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4186-4208.	1.6	167
61	The evolution of the star formation rate function in the EAGLE simulations: a comparison with UV, IR and H α observations from $z \approx 8$ to $z \approx 0$. Monthly Notices of the Royal Astronomical Society, 2017, 472, 919-939.	1.6	62
62	The relation between galaxy morphology and colour in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L45-L49.	1.2	71
63	The KMOS Redshift One Spectroscopic Survey (KROSS): rotational velocities and angular momentum of $z \approx 0.9$ galaxies.... Monthly Notices of the Royal Astronomical Society, 2017, 467, 1965-1983.	1.6	72
64	Galaxy metallicity scaling relations in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3354-3377.	1.6	98
65	nIFTy cosmology: the clustering consistency of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2017, 469, 749-762.	1.6	24
66	Size evolution of normal and compact galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 465, 722-738.	1.6	170
67	The origin of scatter in the stellar mass-halo mass relation of central galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2381-2396.	1.6	100
68	The link between galaxy and black hole growth in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3395-3407.	1.6	79
69	The Cluster-EAGLE project: global properties of simulated clusters with resolved galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1088-1106.	1.6	178
70	Barred galaxies in the EAGLE cosmological hydrodynamical simulation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1054-1064.	1.6	66
71	The origin of the enhanced metallicity of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 508-529.	1.6	36
72	A chronicle of galaxy mass assembly in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1659-1675.	1.6	145

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73	BEING WISE II: REDUCING THE INFLUENCE OF STAR FORMATION HISTORY ON THE MASS-TO-LIGHT RATIO OF QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2016, 832, 198.	1.6	19
74	The origin of the \hat{L} -enhancement of massive galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L102-L106.	1.2	44
75	The spatially resolved dynamics of dusty starburst galaxies in a $z \sim 0.4$ cluster: beginning the transition from spirals to S0s. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1059-1076.	1.6	6
76	The Fundamental Plane of star formation in galaxies revealed by the EAGLE hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2632-2650.	1.6	84
77	Music from the heavens – gravitational waves from supermassive black hole mergers in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 870-885.	1.6	44
78	A unified multiwavelength model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3854-3911.	1.6	290
79	Galaxies in the EAGLE hydrodynamical simulation and in the Durham and Munich semi-analytical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3457-3482.	1.6	85
80	Supermassive black holes in the EAGLE Universe. Revealing the observables of their growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 190-205.	1.6	84
81	The environmental dependence of $H\alpha$ in galaxies in the eagle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2630-2649.	1.6	77
82	Recycled stellar ejecta as fuel for star formation and implications for the origin of the galaxy mass-metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1235-1258.	1.6	38
83	The chosen few: the low-mass haloes that host faint galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 85-97.	1.6	117
84	Evidence for a change in the dominant satellite galaxy quenching mechanism at $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4364-4376.	1.6	98
85	Bimodality of low-redshift circumgalactic $O\text{VI}$ in non-equilibrium eagle zoom simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2157-2179.	1.6	159
86	The KMOS Redshift One Spectroscopic Survey (KROSS): dynamical properties, gas and dark matter fractions of typical $z \sim 1$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1888-1904.	1.6	154
87	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1931-1943.	1.6	453
88	The KMOS Redshift One Spectroscopic Survey (KROSS): the Tully-Fisher relation at $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 103-129.	1.6	38
89	The effect of baryons on redshift space distortions and cosmic density and velocity fields in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L11-L15.	1.2	75
90	The link between the assembly of the inner dark matter halo and the angular momentum evolution of galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4466-4482.	1.6	86

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91	The distribution of atomic hydrogen in eagle galaxies: morphologies, profiles, and H α holes. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1115-1136.	1.6	117
92	The origin of compact galaxies with anomalously high black hole masses. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1147-1161.	1.6	33
93	It is not easy being green: the evolution of galaxy colour in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3925-3939.	1.6	104
94	The KMOS AGN Survey at High redshift (KASH): the prevalence and drivers of ionized outflows in the host galaxies of X-ray AGN. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1195-1220.	1.6	105
95	The brighter galaxies reionized the Universe. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L94-L98.	1.2	66
96	Bent by baryons: the low-mass galaxy-halo relation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2941-2947.	1.6	163
97	The impact of angular momentum on black hole accretion rates in simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1038-1057.	1.6	219
98	Colours and luminosities of $z \approx 0.1$ galaxies in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2879-2896.	1.6	200
99	Molecular hydrogen abundances of galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3815-3837.	1.6	182
100	The eagle simulations of galaxy formation: the importance of the hydrodynamics scheme. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2277-2291.	1.6	192
101	Evolution of galaxy stellar masses and star formation rates in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4486-4504.	1.6	332
102	The distribution of neutral hydrogen around high-redshift galaxies and quasars in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2034-2056.	1.6	124
103	Resolved spectroscopy of gravitationally lensed galaxies: global dynamics and star-forming clumps on $\sim 1/4$ 100 kpc scales at $z \approx 4$. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1812-1835.	1.6	124
104	Intrinsic alignments of galaxies in the EAGLE and cosmo-OWLS simulations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3328-3340.	1.6	66
105	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1937-1961.	1.6	1,038
106	The alignment and shape of dark matter, stellar, and hot gas distributions in the EAGLE and cosmo-OWLS simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 721-738.	1.6	108
107	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. Monthly Notices of the Royal Astronomical Society, 2015, 446, 521-554.	1.6	2,549
108	The metallicity of galactic winds. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2125-2143.	1.6	30

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109	The unexpected diversity of dwarf galaxy rotation curves. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3650-3665.	1.6	302
110	nIFTy cosmology: comparison of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4029-4059.	1.6	55
111	The effect of baryons on the inner density profiles of rich clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 343-355.	1.6	80
112	Baryon effects on the internal structure of Λ CDM haloes in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1247-1267.	1.6	302
113	The offsets between galaxies and their dark matter in Λ cold dark matter. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L58-L62.	1.2	28
114	Overconsumption, outflows and the quenching of satellite galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 442, L105-L109.	1.2	75
115	A relationship between specific star formation rate and metallicity gradient within $z \sim 1$ galaxies from KMOS-HiZELS. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2695-2704.	1.6	83
116	MUSE sneaks a peek at extreme ram-pressure stripping events – I. A kinematic study of the archetypal galaxy ESO137a~001. Monthly Notices of the Royal Astronomical Society, 2014, 445, 4335-4344.	1.6	157
117	Star formation and environmental quenching of GEEC2 group galaxies at $z \sim 1$. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3070-3085.	1.6	31
118	The GEEC2 spectroscopic survey of Galaxy groups at $0.8 < z < 1$. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2679-2694.	1.6	40
119	A medieval multiverse?: Mathematical modelling of the thirteenth century universe of Robert Grosseteste. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140025.	1.0	8
120	A fundamental metallicity relation for galaxies at $z = 0.84 \text{--} 1.47$ from HiZELS. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1130-1141.	1.6	80
121	The merger rates and sizes of galaxies across the peak epoch of star formation from the HiZELS survey. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1158-1170.	1.6	56
122	How supernova explosions power galactic winds. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1922-1948.	1.6	131
123	Lightcone mock catalogues from semi-analytic models of galaxy formation – I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578.	1.6	135
124	THE DYNAMICS OF $z \sim 0.8$ HI±-SELECTED STAR-FORMING GALAXIES FROM KMOS/CF-HiZELS. Astrophysical Journal, 2013, 779, 139.	1.6	38
125	Do group dynamics play a role in the evolution of member galaxies?. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1715-1726.	1.6	21
126	Efficient satellite quenching at $z \sim 1$ from the GEEC2 spectroscopic survey of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1090-1106.	1.6	51

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127	Clusters of Galaxies. , 2013, , 265-303.		0
128	<i>Hubble Space Telescope</i> imaging of star-forming galaxies at $z \approx 1.5$: evolution in the size and luminosity of giant H α regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 688-702.	1.6	92
129	EXPLORING THE DIVERSITY OF GROUPS AT $0.1 < z < 0.8$ WITH X-RAY AND OPTICALLY SELECTED SAMPLES. <i>Astrophysical Journal</i> , 2012, 756, 139.	1.6	34
130	The evolution of active galactic nuclei across cosmic time: what is downsizing?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2797-2820.	1.6	156
131	What shapes the galaxy mass function? Exploring the roles of supernova-driven winds and active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2816-2840.	1.6	135
132	Principles of supernova-driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1596-1609.	1.6	21
133	Grand unification of AGN activity in the Λ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 53-74.	1.6	217
134	Dependence of star formation activity on stellar mass and environment from the Redshift One LDSS-3 Emission line Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1869-1879.	1.6	24
135	Gas expulsion by quasar-driven winds as a solution to the overcooling problem in galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 1965-1984.	1.6	185
136	Direct observational evidence for a large transient galaxy population in groups at $0.85 < z < 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2303-2317.	1.6	85
137	The Dawn of the Red: star formation histories of group galaxies over the past 5 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 996-1012.	1.6	131
138	Numerical overcooling in shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3706-3720.	1.6	47
139	The population of Milky Way satellites in the Λ cold dark matter cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1260-1279.	1.6	121
140	A spectroscopic measurement of galaxy formation time-scales with the Redshift One LDSS3 Emission line Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 304-320.	1.6	39
141	On the impact of empirical and theoretical star formation laws on galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1566-1584.	1.6	139
142	Galaxy formation: a Bayesian uncertainty analysis. <i>Bayesian Analysis</i> , 2010, 5, .	1.6	139
143	The stellar and hot gas content of low-mass galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	2
144	Dissecting the Lyman α emission halo of LAB1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2245-2252.	1.6	32

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145	The mass assembly of galaxy groups and the evolution of the magnitude gap. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	50
146	Galaxy formation spanning cosmic history. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	35
147	The local star formation rate density: assessing calibrations using [O α], H and UV luminosities. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	51
148	The case for AGN feedback in galaxy groups. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	105
149	Gas entropy in a representative sample of nearby X-ray galaxy clusters (REXCESS): relationship to gas mass fraction. Astronomy and Astrophysics, 2010, 511, A85.	2.1	254
150	The accretion of galaxies into groups and clusters. Monthly Notices of the Royal Astronomical Society, 2009, 400, 937-950.	1.6	259
151	A spatially resolved map of the kinematics, star formation and stellar mass assembly in a star-forming galaxy at $z = 4.9$. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1121-1131.	1.6	86
152	On the origin of cores in simulated galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 395, 180-196.	1.6	117
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