

Richard Bower

List of Publications by Year in descending order

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189
papers

23,591
citations

7568

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times ranked

7315
citing authors

#	ARTICLE	IF	CITATIONS
1	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. Monthly Notices of the Royal Astronomical Society, 2015, 446, 521-554.	4.4	2,549
2	Breaking the hierarchy of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 370, 645-655.	4.4	1,960
3	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1937-1961.	4.4	1,038
4	Precision photometry of early-type galaxies in the Coma and Virgo clusters: a test of the universality of the colour-magnitude relation - II. Analysis. Monthly Notices of the Royal Astronomical Society, 1992, 254, 601-613.	4.4	698
5	Galaxy bimodality versus stellar mass and environment. Monthly Notices of the Royal Astronomical Society, 2006, 373, 469-483.	4.4	689
6	Ram pressure stripping of spiral galaxies in clusters. Monthly Notices of the Royal Astronomical Society, 1999, 308, 947-954.	4.4	566
7	The Bimodal Galaxy Color Distribution: Dependence on Luminosity and Environment. Astrophysical Journal, 2004, 615, L101-L104.	4.5	546
8	Gone with the Wind: The Origin of S0 Galaxies in Clusters. Science, 2000, 288, 1617-1620.	12.6	502
9	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1931-1943.	4.4	453
10	The evolution of groups of galaxies in the Press-Schechter formalism. Monthly Notices of the Royal Astronomical Society, 1991, 248, 332-352.	4.4	354
11	Evolution of galaxy stellar masses and star formation rates in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4486-4504.	4.4	332
12	Ram pressure stripping the hot gaseous haloes of galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 383, 593-605.	4.4	303
13	The unexpected diversity of dwarf galaxy rotation curves. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3650-3665.	4.4	302
14	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.	4.4	302
15	A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.	4.4	290
16	The colours of satellite galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1619-1629.	4.4	265
17	The accretion of galaxies into groups and clusters. Monthly Notices of the Royal Astronomical Society, 2009, 400, 937-950.	4.4	259
18	Gas entropy in a representative sample of nearby X-ray galaxy clusters (REXCESS): relationship to gas mass fraction. Astronomy and Astrophysics, 2010, 511, A85.	5.1	254

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19	Revisiting the cosmic cooling crisis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 1228-1234.	4.4	219
20	The impact of angular momentum on black hole accretion rates in simulations of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1038-1057.	4.4	219
21	Grand unification of AGN activity in the Λ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 53-74.	4.4	217
22	The dark nemesis of galaxy formation: why hot haloes trigger black hole growth and bring star formation to an end. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 32-44.	4.4	214
23	Colours and luminosities of $z \sim 0.1$ galaxies in the eagle simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2879-2896.	4.4	200
24	The eagle simulations of galaxy formation: the importance of the hydrodynamics scheme. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2277-2291.	4.4	192
25	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.	4.4	185
26	The representative XMM-Newton cluster structure survey (REXCESS) of an X-ray luminosity selected galaxy cluster sample. <i>Astronomy and Astrophysics</i> , 2007, 469, 363-377.	5.1	185
27	Molecular hydrogen abundances of galaxies in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3815-3837.	4.4	182
28	The Cluster-EAGLE project: global properties of simulated clusters with resolved galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1088-1106.	4.4	178
29	Modified Entropy Models for the Intracluster Medium. <i>Astrophysical Journal</i> , 2002, 576, 601-624.	4.5	171
30	Size evolution of normal and compact galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 722-738.	4.4	170
31	The Hydrangea simulations: galaxy formation in and around massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4186-4208.	4.4	167
32	Bent by baryons: the low-mass galaxy-halo relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2941-2947.	4.4	163
33	Galaxy-cluster gas-density distributions of the representative XMM-Newton cluster structure survey (REXCESS). <i>Astronomy and Astrophysics</i> , 2008, 487, 431-443.	5.1	160
34	Bimodality of low-redshift circumgalactic $\text{O} \text{VI}$ in non-equilibrium eagle zoom simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2157-2179.	4.4	159
35	MUSE sneaks a peek at extreme ram-pressure stripping events – I. A kinematic study of the archetypal galaxy ESO137g001. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4335-4344.	4.4	157
36	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.	4.4	156

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37	The KMOS Redshift One Spectroscopic Survey (KROSS): dynamical properties, gas and dark matter fractions of typical $z \sim 1$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1888-1904.	4.4	154
38	Optical colours and spectral indices of $z \sim 0.1$ eagle galaxies with the 3D dust radiative transfer code skirt. Monthly Notices of the Royal Astronomical Society, 2017, 470, 771-799.	4.4	152
39	Bubbles, feedback and the intracluster medium: three-dimensional hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2001, 328, 1091-1097.	4.4	145
40	A chronicle of galaxy mass assembly in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1659-1675.	4.4	145
41	Galaxy formation: a Bayesian uncertainty analysis. Bayesian Analysis, 2010, 5, .	3.0	139
42	On the impact of empirical and theoretical star formation laws on galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1566-1584.	4.4	139
43	On the Origin of Intracluster Entropy. Astrophysical Journal, 2003, 593, 272-290.	4.5	135
44	What shapes the galaxy mass function? Exploring the roles of supernova-driven winds and active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2816-2840.	4.4	135
45	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.	4.4	135
46	The Dawn of the Red: star formation histories of group galaxies over the past 5 billion years. Monthly Notices of the Royal Astronomical Society, 2011, 413, 996-1012.	4.4	131
47	How supernova explosions power galactic winds. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1922-1948.	4.4	131
48	The EAGLE simulations: atomic hydrogen associated with galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4204-4226.	4.4	130
49	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.	4.4	124
50	Resolved spectroscopy of gravitationally lensed galaxies: global dynamics and star-forming clumps on ~ 100 kpc scales at $z \sim 4$. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1812-1835.	4.4	124
51	The population of Milky Way satellites in the Λ CDM cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1260-1279.	4.4	121
52	On the origin of cores in simulated galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 395, 180-196.	4.4	117
53	The chosen few: the low-mass haloes that host faint galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 85-97.	4.4	117
54	The distribution of atomic hydrogen in eagle galaxies: morphologies, profiles, and H ₂ holes. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1115-1136.	4.4	117

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55	Quantifying the impact of mergers on the angular momentum of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4956-4974.	4.4	113
56	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.	4.4	108
57	The case for AGN feedback in galaxy groups. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	105
58	The KMOS AGN Survey at High redshift (KASH <i>z</i>): 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.	4.4	105
59	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.	4.4	104
60	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.	4.4	100
61	A panoramic H α imaging survey of the $z = 0.4$ cluster Cl 0024.0+1652 with Subaru. Monthly Notices of the Royal Astronomical Society, 2004, 354, 1103-1119.	4.4	98
62	Evidence for a change in the dominant satellite galaxy quenching mechanism at $z \sim 1$. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4364-4376.	4.4	98
63	Galaxy metallicity scaling relations in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3354-3377.	4.4	98
64	The parameter space of galaxy formation. Monthly Notices of the Royal Astronomical Society, 0, 407, 2017-2045.	4.4	97
65	Mass-Discrepancy Acceleration Relation: A Natural Outcome of Galaxy Formation in Cold Dark Matter Halos. Physical Review Letters, 2017, 118, 161103.	7.8	95
66	Towards a holistic view of the heating and cooling of the intracluster medium. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1309-1331.	4.4	93
67	Hubble Space Telescope H α imaging of star-forming galaxies at $z \sim 1.5$: evolution in the size and luminosity of giant H α regions. Monthly Notices of the Royal Astronomical Society, 2012, 427, 688-702.	4.4	92
68	Diffuse X-ray emission from late-type galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2000, 314, 557-565.	4.4	88
69	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.	4.4	86
70	The link between the assembly of the inner dark matter halo and the angular momentum evolution of galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4466-4482.	4.4	86
71	Direct observational evidence for a large transient galaxy population in groups at $0.85 < z < 1$. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2303-2317.	4.4	85
72	Galaxies in the EAGLE hydrodynamical simulation and in the Durham and Munich semi-analytical models. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3457-3482.	4.4	85

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73	The impact of radio feedback from active galactic nuclei in cosmological simulations: formation of disc galaxies. Monthly Notices of the Royal Astronomical Society, 0, 385, 161-180.	4.4	84
74	The Fundamental Plane of star formation in galaxies revealed by the EAGLE hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2632-2650.	4.4	84
75	Supermassive black holes in the EAGLE Universe. Revealing the observables of their growth. Monthly Notices of the Royal Astronomical Society, 2016, 462, 190-205.	4.4	84
76	A relationship between specific star formation rate and metallicity gradient within $z \approx 1$ galaxies from KMOS-HiZELS. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2695-2704.	4.4	83
77	Galaxy groups at $0.3 < z < 0.55$ - I. Group properties. Monthly Notices of the Royal Astronomical Society, 2005, 358, 71-87.	4.4	81
78	A fundamental metallicity relation for galaxies at $z = 0.84 - 1.47$ from HiZELS. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1130-1141.	4.4	80
79	The effect of baryons on the inner density profiles of rich clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 343-355.	4.4	80
80	The link between galaxy and black hole growth in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3395-3407.	4.4	79
81	Models for jet power in elliptical galaxies: a case for rapidly spinning black holes. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1652-1662.	4.4	78
82	The environmental dependence of $H\alpha$ in galaxies in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2630-2649.	4.4	77
83	Overconsumption, outflows and the quenching of satellite galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 442, L105-L109.	3.3	75
84	The effect of baryons on redshift space distortions and cosmic density and velocity fields in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 461, L11-L15.	3.3	75
85	Galactic outflow rates in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3971-3997.	4.4	73
86	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.	4.4	72
87	Galaxy formation in the Planck Millennium: the atomic hydrogen content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4922-4937.	4.4	72
88	The relation between galaxy morphology and colour in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L45-L49.	3.3	71
89	The KMOS Redshift One Spectroscopic Survey (KROSS): the origin of disc turbulence in $z \approx 1$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5076-5104.	4.4	70
90	The low-mass end of the baryonic Tully-Fisher relation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2419-2428.	4.4	69

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91	The three phases of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3994-4009.	4.4	68
92	Intrinsic alignments of galaxies in the EAGLE and cosmo-OWLS simulations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3328-3340.	4.4	66
93	The brighter galaxies reionized the Universe. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L94-L98.	3.3	66
94	Barred galaxies in the EAGLE cosmological hydrodynamical simulation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1054-1064.	4.4	66
95	Modelling shock heating in cluster mergers – I. Moving beyond the spherical accretion model. Monthly Notices of the Royal Astronomical Society, 2007, 376, 497-522.	4.4	65
96	Supermassive black holes in cosmological simulations I: $\langle M_{\text{BH}} \rangle$ vs $\langle M_{\text{halo}} \rangle$ relation and black hole mass function. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1940-1975.	4.4	63
97	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.	4.4	62
98	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.	3.3	62
99	The star formation histories of low surface brightness galaxies. Monthly Notices of the Royal Astronomical Society, 2000, 312, 470-496.	4.4	60
100	The relationship between the morphology and kinematics of galaxies and its dependence on dark matter halo structure in EAGLE. Monthly Notices of the Royal Astronomical Society, 2019, 485, 972-987.	4.4	59
101	The rapid growth phase of supermassive black holes. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3118-3128.	4.4	58
102	The first generation of star-forming haloes. Monthly Notices of the Royal Astronomical Society, 2005, 363, 393-404.	4.4	56
103	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.	4.4	56
104	nIFTy cosmology: comparison of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4029-4059.	4.4	55
105	The environmental dependence of gas accretion on to galaxies: quenching satellites through starvation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3460-3471.	4.4	54
106	Numerical convergence of simulations of galaxy formation: the abundance and internal structure of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3663-3684.	4.4	53
107	The local star formation rate density: assessing calibrations using [OIII], H and UV luminosities. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	51
108	Efficient satellite quenching at $z \approx 1$ from the GEEC2 spectroscopic survey of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1090-1106.	4.4	51

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109	The mass assembly of galaxy groups and the evolution of the magnitude gap. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	50
110	The nature of submillimetre and highly star-forming galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2440-2454.	4.4	50
111	Exploring the selection of galaxy clusters and groups: an optical survey for X-ray dark clusters. Monthly Notices of the Royal Astronomical Society, 2004, 348, 551-580.	4.4	49
112	The oxygen abundance gradients in the gas discs of galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2208-2221.	4.4	49
113	Numerical overcooling in shocks. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3706-3720.	4.4	47
114	Disruption of satellite galaxies in simulated groups and clusters: the roles of accretion time, baryons, and pre-processing. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2287-2311.	4.4	47
115	Angular momentum evolution of galaxies over the past 10 Gyr: A MUSE and KMOS dynamical survey of 400 star-forming galaxies from $z \sim 1.7$. Monthly Notices of the Royal Astronomical Society, 0, , stx201.	4.4	45
116	The origin of the β -enhancement of massive galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 461, L102-L106.	3.3	44
117	Music from the heavens – gravitational waves from supermassive black hole mergers in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 463, 870-885.	4.4	44
118	The formation of hot gaseous haloes around galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 538-559.	4.4	44
119	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.	4.4	44
120	Size matters: abundance matching, galaxy sizes, and the Tully–Fisher relation in EAGLE. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4736-4746.	4.4	43
121	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 492-521.	4.4	42
122	The flip side of galaxy formation: a combined model of galaxy formation and cluster heating. Monthly Notices of the Royal Astronomical Society, 2008, , .	4.4	41
123	The GEEC2 spectroscopic survey of Galaxy groups at $0.8 < z < 1$. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2679-2694.	4.4	40
124	The Ks-band luminosity and stellar mass functions of galaxies in $z \sim 1$ clusters. Monthly Notices of the Royal Astronomical Society, 2003, 346, 1-12.	4.4	39
125	A spectroscopic measurement of galaxy formation time-scales with the Redshift One LDSS3 Emission line Survey. Monthly Notices of the Royal Astronomical Society, 2011, 414, 304-320.	4.4	39
126	THE DYNAMICS OF $z \sim 0.8$ $H\beta$ -SELECTED STAR-FORMING GALAXIES FROM KMOS/CF-HIZELS. Astrophysical Journal, 2013, 779, 139.	4.5	38

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127	Recycled stellar ejecta as fuel for star formation and implications for the origin of the galaxy mass-metallicity relation. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1235-1258.	4.4	38
128	The KMOS Redshift One Spectroscopic Survey (KROSS): the Tully-Fisher relation at $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2016, 460, 103-129.	4.4	38
129	Gemini Observations of Galaxies in Rich Early Environments (GOGREEN) I: survey description. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4168-4185.	4.4	38
130	The shapes of the rotation curves of star-forming galaxies over the last ~ 10 Gyr. Monthly Notices of the Royal Astronomical Society, 2019, 485, 934-960.	4.4	37
131	The origin of the enhanced metallicity of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 508-529.	4.4	36
132	Galactic inflow and wind recycling rates in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4495-4516.	4.4	36
133	Testing cold dark matter with the hierarchical build-up of stellar light. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1003-1014.	4.4	35
134	Galaxy formation spanning cosmic history. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	35
135	EXPLORING THE DIVERSITY OF GROUPS AT $0.1 < z < 0.8$ WITH X-RAY AND OPTICALLY SELECTED SAMPLES. Astrophysical Journal, 2012, 756, 139.	4.5	34
136	Winds of change: reionization by starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2176-2188.	4.4	34
137	A dynamical study of optically selected distant clusters. Monthly Notices of the Royal Astronomical Society, 1997, 291, 353-371.	4.4	33
138	The origin of compact galaxies with anomalously high black hole masses. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1147-1161.	4.4	33
139	KROSS-SAMI: a direct IFS comparison of the Tully-Fisher relation across 8 Gyr since $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2166-2188.	4.4	33
140	Dissecting the Lyman α emission halo of LAB1. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2245-2252.	4.4	32
141	Star formation and environmental quenching of GEEC2 group galaxies at $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3070-3085.	4.4	31
142	The metallicity of galactic winds. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2125-2143.	4.4	30
143	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.	4.4	30
144	Mass transport by buoyant bubbles in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	4.4	29

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145	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.	3.3	28
146	Small-scale galaxy clustering in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1771-1787.	4.4	28
147	The abundances and properties of Dual AGN and their host galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2712-2720.	4.4	28
148	Quasar Sightline and Galaxy Evolution (QSAGE) survey â€“ I. The galaxy environment of O ^{VI} absorbers up to $z=1.4$ around PKS 0232âˆ’04. Monthly Notices of the Royal Astronomical Society, 2019, 486, 21-41.	4.4	26
149	Evolution in the discs and bulges of group galaxies since $z=0.4$. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1605-1621.	4.4	24
150	Dependence of star formation activity on stellar mass and environment from the Redshift One LDSS-3 Emission line Survey. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1869-1879.	4.4	24
151	nFTy cosmology: the clustering consistency of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2017, 469, 749-762.	4.4	24
152	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.	4.4	24
153	SPHENIX: smoothed particle hydrodynamics for the next generation of galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2367-2389.	4.4	24
154	Cosmic CARNage I: on the calibration of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2936-2954.	4.4	23
155	The energetics of starburst-driven outflows at $z \sim 1$ from KMOS. Monthly Notices of the Royal Astronomical Society, 2019, 487, 381-393.	4.4	23
156	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.	4.4	22
157	Principles of supernova-driven winds. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1596-1609.	4.4	21
158	Do group dynamics play a role in the evolution of member galaxies?. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1715-1726.	4.4	21
159	The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Bo ^{otes} Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts. Astrophysical Journal, Supplement Series, 2020, 251, 2.	7.7	21
160	Exploring the evolution of spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 319, 235-254.	4.4	19
161	BEING WISE II: REDUCING THE INFLUENCE OF STAR FORMATION HISTORY ON THE MASS-TO-LIGHT RATIO OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 198.	4.5	19
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