

The EAGLE project: simulating the evolution and assembly environments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Liberation of Specific Angular Momentum Through Radiation and Scattering in Relativistic Black-Hole Accretion Disks. Publications of the Astronomical Society of Australia, 2015, 32, .	1.3	1
2	Resolving the stellar halos of six massive disk galaxies beyond the Local Group. Proceedings of the International Astronomical Union, 2015, 11, 222-227.	0.0	1
3	Galaxy morphology and star formation in the Illustris Simulation at $z \approx 0$. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1886-1908.	1.6	155
4	Bent by baryons: the low-mass galaxy-halo relation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2941-2947.	1.6	163
5	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
6	Merging galaxies produce outliers from the fundamental metallicity relation. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4005-4017.	1.6	17
7	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
8	Biases and systematics in the observational derivation of galaxy properties: comparing different techniques on synthetic observations of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2381-2400.	1.6	22
9	Strategies for detecting the missing hot baryons in the universe. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 1, 045003.	1.0	19
10	ALMA and <i>Herschel</i> reveal that X-ray-selected AGN and main-sequence galaxies have different star formation rate distributions. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L83-L87.	1.2	92
11	Taking the Universe's Temperature with Spectral Distortions of the Cosmic Microwave Background. Physical Review Letters, 2015, 115, 261301.	2.9	71
12	Effective Dark Matter Halo Catalog in $\langle \sigma \rangle = \frac{1}{2} \left(\frac{1}{\sigma^2} + \frac{1}{\sigma'^2} \right)^{-1/2}$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 292 Td (stretchy="false")	2.9	12
13	CONNECTING ANGULAR MOMENTUM AND GALACTIC DYNAMICS: THE COMPLEX INTERPLAY BETWEEN SPIN, MASS, AND MORPHOLOGY. Astrophysical Journal, 2015, 812, 29.	1.6	187
14	FIRST RESULTS FROM THE VIRIAL SURVEY: THE STELLAR CONTENT OF UVJ -SELECTED QUIESCENT GALAXIES AT $1.5 < z < 2$ FROM KMOS. Astrophysical Journal Letters, 2015, 804, L4.	3.0	35
15	RELATIONS BETWEEN CENTRAL BLACK HOLE MASS AND TOTAL GALAXY STELLAR MASS IN THE LOCAL UNIVERSE. Astrophysical Journal, 2015, 813, 82.	1.6	434
16	DO NOT FORGET THE FOREST FOR THE TREES: THE STELLAR-MASS HALO-MASS RELATION IN DIFFERENT ENVIRONMENTS. Astrophysical Journal, 2015, 812, 104.	1.6	22
17	THE SYSTEMATIC PROPERTIES OF THE WARM PHASE OF STARBURST-DRIVEN GALACTIC WINDS. Astrophysical Journal, 2015, 809, 147.	1.6	246
18	SPECTROSCOPIC STUDY OF STAR-FORMING GALAXIES IN FILAMENTS AND THE FIELD AT $z \approx 0.5$: EVIDENCE FOR ENVIRONMENTAL DEPENDENCE OF ELECTRON DENSITY. Astrophysical Journal, 2015, 814, 84.	1.6	47

#	ARTICLE	IF	CITATIONS
19	Large and small-scale structures and the dust energy balance problem in spiral galaxies. <i>Astronomy and Astrophysics</i> , 2015, 576, A31.	2.1	36
20	ZFIRE: GALAXY CLUSTER KINEMATICS, H_{\pm} STAR FORMATION RATES, AND GAS PHASE METALLICITIES OF XMM-LSS J02182-05102 AT $z_{\text{cl}}=1.6233$. <i>Astrophysical Journal</i> , 2015, 811, 28.	1.6	54
21	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT CIV ABSORBERS. II. PROGRAM DESIGN, ABSORPTION-LINE MEASUREMENTS, AND ABSORBER STATISTICS. <i>Astrophysical Journal</i> , 2015, 815, 91.	1.6	34
22	Galaxy Alignments: Theory, Modelling & Simulations. <i>Space Science Reviews</i> , 2015, 193, 67-136.	3.7	110
23	The star formation and AGN luminosity relation: predictions from a semi-analytical model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3759-3767.	1.6	7
24	The effect of stellar feedback on a Milky Way-like galaxy and its gaseous halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4223-4237.	1.6	26
25	The evolution of galaxy metallicity scaling relations in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 486-501.	1.6	28
26	Molecular hydrogen abundances of galaxies in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3815-3837.	1.6	182
27	The resolution bias: low-resolution feedback simulations are better at destroying galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1829-1842.	1.6	23
28	Cosmological galaxy evolution with superbubble feedback – I. Realistic galaxies with moderate feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3500-3510.	1.6	49
29	Hydrogen reionization in the Illustris universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3594-3611.	1.6	44
30	NIHAO project – I. Reproducing the inefficiency of galaxy formation across cosmic time with a large sample of cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 83-94.	1.6	267
31	NIHAO III: the constant disc gas mass conspiracy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1105-1116.	1.6	27
32	An analysis of the evolving comoving number density of galaxies in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2770-2786.	1.6	67
33	Scaling relations between black holes and their host galaxies: comparing theoretical and observational measurements, and the impact of selection effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 913-932.	1.6	51
34	Formation of <i>in situ</i> stellar haloes in Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3185-3199.	1.6	109
35	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.	1.6	192
36	Compaction and quenching of high- z galaxies in cosmological simulations: blue and red nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2327-2353.	1.6	392

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37	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
38	Lyman \pm emitters gone missing: evidence for late reionization?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 261-277.	1.6	98
39	Planes of satellite galaxies and the cosmic web. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1052-1059.	1.6	88
40	The Illustris simulation: the evolving population of black holes across cosmic time. Monthly Notices of the Royal Astronomical Society, 2015, 452, 575-596.	1.6	452
41	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
42	Galaxy merger histories and the role of merging in driving star formation at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2845-2850.	1.6	41
43	Star formation in mergers with cosmologically motivated initial conditions. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2984-3000.	1.6	11
44	Gas around galaxy haloes II. Hydrogen absorption signatures from the environments of galaxies at redshifts $2 < z < 3$. Monthly Notices of the Royal Astronomical Society, 2015, 453, 899-913.	1.6	15
45	Physical origin of the large-scale conformity in the specific star formation rates of galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1840-1847.	1.6	33
46	Galaxy Alignments: An Overview. Space Science Reviews, 2015, 193, 1-65.	3.7	188
47	Evolution of the luminosity-to-halo mass relation of LRGs from a combined analysis of SDSS-DR10+RCS2. Astronomy and Astrophysics, 2015, 579, A26.	2.1	18
48	Stellar hydrodynamical modeling of dwarf galaxies: simulation methodology, tests, and first results. Astronomy and Astrophysics, 2015, 579, A9.	2.1	18
49	The global oxygen yield budget followed in hydrodynamic simulations. Proceedings of the International Astronomical Union, 2015, 11, 180-181.	0.0	0
50	The imprint of reionization on the star formation histories of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4207-4220.	1.6	58
51	Reconciling Planck cluster counts and cosmology? Chandra/XMM instrumental calibration and hydrostatic mass bias. Monthly Notices of the Royal Astronomical Society, 2015, 448, 814-821.	1.6	22
52	Off the beaten path: a new approach to realistically model the orbital decay of supermassive black holes in galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1868-1874.	1.6	117
53	The response of dark matter haloes to elliptical galaxy formation: a new test for quenching scenarios. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2448-2465.	1.6	22
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Galaxies that shine: radiation-hydrodynamical simulations of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 34-58.	1.6	95
57	Dust energy balance study of two edge-on spiral galaxies in the Herschel-ATLAS survey. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1728-1739.	1.6	28
58	Gusty, gaseous flows of FIRE: galactic winds in cosmological simulations with explicit stellar feedback. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2691-2713.	1.6	478
59	The equilibrium view on dust and metals in galaxies: Galactic outflows drive low dust-to-metal ratios in dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3274-3292.	1.6	86
60	The redistribution of matter in the cores of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1177-1189.	1.6	42
61	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
62	Neutral hydrogen in galaxy haloes at the peak of the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2015, 449, 987-1003.	1.6	139
63	The MassiveBlack-II simulation: the evolution of haloes and galaxies to $z \approx 1/4$. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1349-1374.	1.6	262
64	Spatially adaptive radiation-hydrodynamical simulations of galaxy formation during cosmological reionization. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1586-1605.	1.6	49
65	ON THE PERSISTENCE OF TWO SMALL-SCALE PROBLEMS IN Λ CDM. Astrophysical Journal, 2015, 815, 19.	1.6	76
66	Simulated Milky Way analogues: implications for dark matter indirect searches. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 053-053.	1.9	49
67	Redshift evolution of stellar mass versus gas fraction relation in 0 z 2 regime: observational constraint for galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3792-3804.	1.6	17
68	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2087-2126.	1.6	436
69	THE KMOS^{3D} SURVEY: DESIGN, FIRST RESULTS, AND THE EVOLUTION OF GALAXY KINEMATICS FROM 0.7 z 2.7. Astrophysical Journal, 2015, 799, 209.	1.6	406
70	STORM IN A ϵTEACUP: A RADIO-QUIET QUASAR WITH ~ 10 kpc RADIO-EMITTING BUBBLES AND EXTREME GAS KINEMATICS. Astrophysical Journal, 2015, 800, 45.	1.6	71
71	NUMERICAL CONVERGENCE IN SMOOTHED PARTICLE HYDRODYNAMICS. Astrophysical Journal, 2015, 800, 6.	1.6	74
72	The dark side of cosmology: Dark matter and dark energy. Science, 2015, 347, 1100-1102.	6.0	59

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73	Galaxy formation in the Planck cosmology â€“ I. Matching the observed evolution of star formation rates, colours and stellar masses. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2663-2680.	1.6	467
74	Galaxy formation in the Planck cosmology â€“ III. The high-redshift universe. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2692-2702.	1.6	28
75	Dark matter halo properties of GAMA galaxy groups from 100 square degrees of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3529-3550.	1.6	119
76	The unexpected diversity of dwarf galaxy rotation curves. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3650-3665.	1.6	302
77	Dynamical evolution of massive black holes in galactic-scale N -body simulations â€“ introducing the regularized tree code â€“rvineâ€™. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2337-2352.	1.6	12
78	nFTy cosmology: comparison of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4029-4059.	1.6	55
79	A refined sub-grid model for black hole accretion and AGN feedback in large cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1504-1525.	1.6	134
80	The SINFONI Nearby Elliptical Lens Locator Survey: discovery of two new low-redshift strong lenses and implications for the initial mass function in giant early-type galaxiesâ€¦... Monthly Notices of the Royal Astronomical Society, 2015, 449, 3441-3457.	1.6	94
81	Galactic outflow and diffuse gas properties at $z \approx 1$ using different baryonic feedback models. Monthly Notices of the Royal Astronomical Society, 2015, 447, 266-286.	1.6	26
82	The impact of feedback on cosmological gas accretion. Monthly Notices of the Royal Astronomical Society, 2015, 448, 59-74.	1.6	120
83	Simulating realistic disc galaxies with a novel sub-resolution ISM model. Monthly Notices of the Royal Astronomical Society, 2015, 447, 178-201.	1.6	55
84	Equilibrium model constraints on baryon cycling across cosmic time. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1184-1200.	1.6	65
85	The galaxyâ€“dark matter halo connection: which galaxy properties are correlated with the host halo mass?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1861-1876.	1.6	28
86	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
87	Physical Models of Galaxy Formation in a Cosmological Framework. Annual Review of Astronomy and Astrophysics, 2015, 53, 51-113.	8.1	960
88	The behaviour of dark matter associated with four bright cluster galaxies in the 10 kpc core of Abell 3827. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3393-3406.	1.6	147
89	Adaptive techniques for clustered N-body cosmological simulations. Computational Astrophysics and Cosmology, 2015, 2, .	22.7	93
90	When the wind blows. Nature, 2015, 519, 423-424.	13.7	1

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91	The star formation main sequence and stellar mass assembly of galaxies in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3548-3563.	1.6	201
92	A cosmological context for compact massive galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2396-2404.	1.6	26
93	EVIDENCE FOR PopIII-LIKE STELLAR POPULATIONS IN THE MOST LUMINOUS Ly α EMITTERS AT THE EPOCH OF REIONIZATION: SPECTROSCOPIC CONFIRMATION. Astrophysical Journal, 2015, 808, 139.	1.6	285
94	THE VLT SINFONI Mg II PROGRAM FOR LINE EMITTERS (SIMPLE). II. BACKGROUND QUASARS PROBING ~ 15 GALACTIC WINDS. Astrophysical Journal, 2015, 804, 83.	1.6	54
95	Luminosity function of [O III] emission-line galaxies in the MassiveBlack-II simulation. Monthly Notices of the Royal Astronomical Society, 2015, 454, 277-287.	1.6	11
96	The link between accretion mode and environment in radio-loud active galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2683-2707.	1.6	59
97	The Tully-Fisher and mass-size relations from halo abundance matching. Monthly Notices of the Royal Astronomical Society, 2015, 454, 322-343.	1.6	63
98	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
99	Tides or dark matter sub-haloes: Which ones are more attractive?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3742-3751.	1.6	3
100	The modelling of feedback in star formation simulations. New Astronomy Reviews, 2015, 68, 1-33.	5.2	91
101	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
102	A scheme for radiation pressure and photon diffusion with the M1 closure in ramses-rt. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4380-4403.	1.6	134
103	SKIRT: The design of a suite of input models for Monte Carlo radiative transfer simulations. Astronomy and Computing, 2015, 12, 33-44.	0.8	70
104	The impact of star formation and gamma-ray burst rates at high redshift on cosmic chemical evolution and reionization. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2575-2587.	1.6	82
105	The illustris simulation: Public data release. Astronomy and Computing, 2015, 13, 12-37.	0.8	412
106	THE BARYON CYCLE AT HIGH REDSHIFTS: EFFECTS OF GALACTIC WINDS ON GALAXY EVOLUTION IN OVERDENSE AND AVERAGE REGIONS. Astrophysical Journal, 2016, 829, 71.	1.6	8
107	BEING WISE II: REDUCING THE INFLUENCE OF STAR FORMATION HISTORY ON THE MASS-TO-LIGHT RATIO OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 198.	1.6	19
108	CONSTRAINING AGN FEEDBACK IN MASSIVE ELLIPTICALS WITH SOUTH POLE TELESCOPE MEASUREMENTS OF THE THERMAL SUNYAEV-ZELDOVICH EFFECT. Astrophysical Journal, 2016, 819, 128.	1.6	29

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109	MUSE GAS FLOW AND WIND (MEGAFLOW). I. FIRST MUSE RESULTS ON BACKGROUND QUASARS*. <i>Astrophysical Journal</i> , 2016, 833, 39.	1.6	72
110	THE METAL ABUNDANCES ACROSS COSMIC TIME () SURVEY. II. EVOLUTION OF THE MASSâ€“METALLICITY RELATION OVER 8 BILLION YEARS, USING [O iii] λ 4363 Å.. BASED METALLICITIES. <i>Astrophysical Journal</i> , 2016, 828, 67.	1.6	63
111	The origin of the α -enhancement of massive galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L102-L106.	1.2	44
112	The stellar metallicity gradients in galaxy discs in a cosmological scenario. <i>Astronomy and Astrophysics</i> , 2016, 592, A93.	2.1	24
113	Forecasts for the <i>WFIRST</i> High Latitude Survey using the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3520-3530.	1.6	34
114	The faint end of the 250 μ m luminosity function at $z < 0.5$. <i>Astronomy and Astrophysics</i> , 2016, 592, L5.	2.1	7
115	Young Massive Clusters: Their Population Properties, Formation and Evolution, and Their Relation to the Ancient Globular Clusters. <i>EAS Publications Series</i> , 2016, 80-81, 5-37.	0.3	10
116	An HST/COS legacy survey of intervening Si α absorption in the extended gaseous halos of low-redshift galaxies. <i>Astronomy and Astrophysics</i> , 2016, 590, A68.	2.1	24
117	THE SAMI GALAXY SURVEY: GALAXY INTERACTIONS AND KINEMATIC ANOMALIES IN ABELL 119. <i>Astrophysical Journal</i> , 2016, 832, 69.	1.6	16
118	Asymmetric Star Formation Efficiency Due to Ram Pressure Stripping. <i>Galaxies</i> , 2016, 4, 77.	1.1	12
119	Mathematical modeling of formation, evolution and interaction of galaxies in cosmological context. <i>Journal of Physics: Conference Series</i> , 2016, 722, 012023.	0.3	3
120	THE CATERPILLAR PROJECT: A LARGE SUITE OF MILKY WAY SIZED HALOS. <i>Astrophysical Journal</i> , 2016, 818, 10.	1.6	88
121	KMOS3D: DYNAMICAL CONSTRAINTS ON THE MASS BUDGET IN EARLY STAR-FORMING DISKS*. <i>Astrophysical Journal</i> , 2016, 831, 149.	1.6	83
122	GALACTIC WINDS DRIVEN BY ISOTROPIC AND ANISOTROPIC COSMIC-RAY DIFFUSION IN DISK GALAXIES. <i>Astrophysical Journal Letters</i> , 2016, 824, L30.	3.0	122
123	The extraordinary amount of substructure in the <i>Hubble Frontier Fields</i> cluster Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3876-3893.	1.6	99
124	Predictions of hydrodynamic simulations for direct dark matter detection. <i>Journal of Physics: Conference Series</i> , 2016, 718, 042007.	0.3	1
125	Coevolution of metallicity and star formation in galaxies to $z < 3.7$. II. A theoretical model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2020-2031.	1.6	18
126	Constraining SN feedback: a tug of war between reionization and the Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1224-1239.	1.6	10

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127	Detailed H α kinematics of Tully-Fisher calibrator galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 4052-4067.	1.6	38
128	Galaxy And Mass Assembly (GAMA): the absence of stellar mass segregation in galaxy groups and consistent predictions from GALFORM and EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 463, 4194-4209.	1.6	12
129	The Fermi GeV excess: challenges for the dark matter interpretation. Journal of Physics: Conference Series, 2016, 718, 042010.	0.3	1
130	THE IMPACT OF STELLAR FEEDBACK ON THE STRUCTURE, SIZE, AND MORPHOLOGY OF GALAXIES IN MILKY-WAY-SIZED DARK MATTER HALOS. Astrophysical Journal, 2016, 824, 79.	1.6	96
131	Prospects for dark matter detection with inelastic transitions of xenon. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 033-033.	1.9	25
132	Ubiquity of density slope oscillations in the central regions of galaxy and cluster-sized systems. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 010-010.	1.9	7
133	Simulated Milky Way analogues: implications for dark matter direct searches. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024.	1.9	74
134	SUPERMASSIVE BLACK HOLES AND THEIR HOST SPHEROIDS. I. DISASSEMBLING GALAXIES. Astrophysical Journal, Supplement Series, 2016, 222, 10.	3.0	55
135	ELUCIDATING EXPLORING THE LOCAL UNIVERSE WITH RECONSTRUCTED INITIAL DENSITY FIELD. III. CONSTRAINED SIMULATION IN THE SDSS VOLUME. Astrophysical Journal, 2016, 831, 164.	1.6	101
136	GALAXY PROPERTIES AND UV ESCAPE FRACTIONS DURING THE EPOCH OF REIONIZATION: RESULTS FROM THE RENAISSANCE SIMULATIONS. Astrophysical Journal, 2016, 833, 84.	1.6	155
137	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	1.6	125
138	QUIESCENCE CORRELATES STRONGLY WITH DIRECTLY MEASURED BLACK HOLE MASS IN CENTRAL GALAXIES. Astrophysical Journal Letters, 2016, 830, L12.	3.0	69
139	Implications of a variable IMF for the interpretation of observations of galaxy populations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2832-2846.	1.6	21
140	THE MAIN SEQUENCES OF STAR-FORMING GALAXIES AND ACTIVE GALACTIC NUCLEI AT HIGH REDSHIFT. Astrophysical Journal, 2016, 833, 152.	1.6	43
141	DOES THE MILKY WAY OBEY SPIRAL GALAXY SCALING RELATIONS?. Astrophysical Journal, 2016, 833, 220.	1.6	21
142	The Relation between Star-Formation Rate and Stellar Mass of Galaxies at $z \sim 1$. Publications of the Astronomical Society of Australia, 2016, 33, .	1.3	21
143	SWIFT. , 2016, , .		26
144	Baryonic distributions in galaxy dark matter haloes I. New observations of neutral and ionized gas kinematics. Monthly Notices of the Royal Astronomical Society, 2016, 460, 689-728.	1.6	15

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145	Modelling galaxy clustering: halo occupation distribution versus subhalo matching. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3040-3058.	1.6	79
146	The moving mesh code Shadowfax. Astronomy and Computing, 2016, 16, 109-130.	0.8	15
147	Constraints on the identity of the dark matter from strong gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2016, 460, 363-372.	1.6	59
148	COSMIC REIONIZATION ON COMPUTERS: NUMERICAL AND PHYSICAL CONVERGENCE. Astrophysical Journal, 2016, 821, 50.	1.6	17
149	Star formation and molecular hydrogen in dwarf galaxies: a non-equilibrium view. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3528-3553.	1.6	109
150	AN OVERMASSIVE DARK HALO AROUND AN ULTRA-DIFFUSE GALAXY IN THE VIRGO CLUSTER. Astrophysical Journal Letters, 2016, 819, L20.	3.0	139
151	The growth and enrichment of intragroup gas. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4266-4290.	1.6	34
152	The effects of metallicity, UV radiation and non-equilibrium chemistry in high-resolution simulations of galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 270-292.	1.6	47
153	Baryonic impact on the dark matter distribution in Milky Way-sized galaxies and their satellites. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1559-1580.	1.6	106
154	The different baryonic Tully-Fisher relations at low masses. Monthly Notices of the Royal Astronomical Society, 2016, 459, 638-645.	1.6	28
155	Push it to the limit: Local Group constraints on high-redshift stellar mass functions for $M < 10^{10} M_{\odot}$. Monthly Notices of the Royal Astronomical Society, 2016, 456, 477-484.	1.6	16
156	The apostle project: Local Group kinematic mass constraints and simulation candidate selection. Monthly Notices of the Royal Astronomical Society, 2016, 457, 844-856.	1.6	154
157	A simple way to improve AGN feedback prescription in SPH simulations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 496-509.	1.6	10
158	Improving the convergence properties of the moving-mesh code AREPO. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1134-1143.	1.6	231
159	Dynamical history of the Local Group in Λ CDM. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2237-2261.	1.6	18
160	Quantifying substructures in Hubble Frontier Field clusters: comparison with Λ CDM simulations. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1698-1709.	1.6	19
161	nFTy galaxy cluster simulations II. Radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2973-2991.	1.6	45
162	The gas metallicity gradient and the star formation activity of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2982-2992.	1.6	35

#	ARTICLE	IF	CITATIONS
163	Black hole starvation and bulge evolution in a Milky Way-like galaxy. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2603-2617.	1.6	35
164	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.	1.6	84
165	Dependence of GAMA galaxy halo masses on the cosmic web environment from 100 deg ² of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4451-4463.	1.6	29
166	THE COSMOS2015 CATALOG: EXPLORING THE 1¹ z <sup>2</sup> UNIVERSE WITH HALF A MILLION GALAXIES. Astrophysical Journal, Supplement Series, 2016, 224, 24.	3.0	784
167	Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3285-3301.	1.6	32
168	Galaxy Formation and Evolution. Space Science Reviews, 2016, 202, 79-109.	3.7	3
169	Time evolution of galaxy scaling relations in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2465-2479.	1.6	31
170	Galaxy growth from redshift 5 to 0 at fixed comoving number density. Monthly Notices of the Royal Astronomical Society, 2016, 462, 778-793.	1.6	9
171	Physical properties of galaxies: towards a consistent comparison between hydrodynamical simulations and SDSS. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2046-2062.	1.6	16
172	The Evolution of the Intergalactic Medium. Annual Review of Astronomy and Astrophysics, 2016, 54, 313-362.	8.1	232
173	mufasa: galaxy formation simulations with meshless hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3265-3284.	1.6	243
174	A study of the circumgalactic medium at $z \sim 0.6$ using damped Lyman α galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 980-1007.	1.6	45
175	THE ROLE OF COSMIC-RAY PRESSURE IN ACCELERATING GALACTIC OUTFLOWS. Astrophysical Journal Letters, 2016, 827, L29.	3.0	113
176	STELLAR POPULATIONS ACROSS THE BLACK HOLE MASS-VELOCITY DISPERSION RELATION. Astrophysical Journal Letters, 2016, 832, L11.	3.0	20
177	A new direction for dark matter research: intermediate-mass compact halo objects. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 042-042.	1.9	25
178	Subhalo Abundance Matching in $f(R)$ Gravity. Physical Review Letters, 2016, 117, 221101.	2.9	7
179	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.	1.6	44
180	The impact of galactic properties and environment on the quenching of central and satellite galaxies: a comparison between SDSS, Illustris and L-Galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2559-2586.	1.6	99

#	ARTICLE	IF	CITATIONS
181	A large difference in the progenitor masses of active and passive galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 463, L1-L5.	1.2	12
182	CMBB-mode non-Gaussianity. Physical Review D, 2016, 93, .	1.6	35
183	The mass profile of the Milky Way to the virial radius from the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3483-3493.	1.6	31
184	Solving the small-scale structure puzzles with dissipative dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 013-013.	1.9	90
185	Dark matter direct-detection experiments. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 013001.	1.4	284
186	NIHAO IX: the role of gas inflows and outflows in driving the contraction and expansion of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2658-2675.	1.6	74
187	A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.	1.6	290
188	Cosmological galaxy evolution with superbubble feedback – II. The limits of supernovae. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1431-1445.	1.6	45
189	Observations of metals in the $z \sim 3.5$ intergalactic medium and comparison to the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2440-2464.	1.6	30
190	The role of gas infall in the evolution of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1329-1340.	1.6	28
191	Testing the effect of galactic feedback on the IGM at $z \sim 6$ with metal-line absorbers. Monthly Notices of the Royal Astronomical Society, 2016, 461, 606-626.	1.6	43
192	Simulating the carbon footprint of galactic haloes. Monthly Notices of the Royal Astronomical Society, 2016, 462, 307-322.	1.6	11
193	Modelling and interpreting spectral energy distributions of galaxies with beagle. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1415-1443.	1.6	246
194	Connecting the dots: a correlation between ionizing radiation and cloud mass-loss rate traced by optical integral field spectroscopy. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3537-3569.	1.6	28
195	Strongly time-variable ultraviolet metal-line emission from the circum-galactic medium of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 120-133.	1.6	15
196	THE INNER STRUCTURE OF DWARF-SIZED HALOS IN WARM AND COLD DARK MATTER COSMOLOGIES. Astrophysical Journal, 2016, 819, 101.	1.6	19
197	EMPIRICALLY CONSTRAINED PREDICTIONS FOR METAL-LINE EMISSION FROM THE CIRCUMGALACTIC MEDIUM. Astrophysical Journal, 2016, 827, 148.	1.6	26
198	UNIFICATION OF THE FUNDAMENTAL PLANE AND SUPER MASSIVE BLACK HOLE MASSES. Astrophysical Journal, 2016, 831, 134.	1.6	185

#	ARTICLE	IF	CITATIONS
199	Dark-ages reionization and galaxy formation simulation â€“ IV. UV luminosity functions of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 235-249.	1.6	60
200	The clustering and halo occupation distribution of Lyman-break galaxies at $z \sim 1/4$. Monthly Notices of the Royal Astronomical Society, 2016, 461, 176-189.	1.6	9
201	Galaxy assembly, stellar feedback and metal enrichment: the view from the gaea model. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1760-1785.	1.6	112
202	Building disc structure and galaxy properties through angular momentum: the Dark Sage semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2016, 461, 859-876.	1.6	77
203	Attack of the flying snakes: formation of isolated H α clouds by fragmentation of long streams. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3001-3026.	1.6	12
204	Dark-ages reionization and galaxy formation simulation â€“ III. Modelling galaxy formation and the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2016, 462, 250-276.	1.6	99
205	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.	1.6	85
206	Bursty star formation feedback and cooling outflows. Monthly Notices of the Royal Astronomical Society, 2016, 462, 994-1001.	1.6	6
207	Supermassive black holes in the EAGLE Universe. Revealing the observables of their growth. Monthly Notices of the Royal Astronomical Society, 2016, 462, 190-205.	1.6	84
208	Zooming in on major mergers: dense, starbursting gas in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2418-2430.	1.6	84
209	Intrinsic alignments of disc and elliptical galaxies in the MassiveBlack-II and Illustris simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2668-2680.	1.6	42
210	The morphology and kinematics of neutral hydrogen in the vicinity of $z = 0$ galaxies with Milky Way masses â€“ a study with the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3751-3764.	1.6	12
211	The environmental dependence of H α in galaxies in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2630-2649.	1.6	77
212	Far-infrared and dust properties of present-day galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1057-1075.	1.6	95
213	The Horizon-AGN simulation: morphological diversity of galaxies promoted by AGN feedback. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3948-3964.	1.6	315
214	THE SCALING OF STELLAR MASS AND CENTRAL STELLAR VELOCITY DISPERSION FOR QUIESCENT GALAXIES AT $z \sim 0.7$. Astrophysical Journal, 2016, 832, 203.	1.6	59
215	THE FORMATION OF A MILKY WAY-SIZED DISK GALAXY. I. A COMPARISON OF NUMERICAL METHODS. Astrophysical Journal, 2016, 831, 52.	1.6	8
216	Modelling the outskirts of galaxies in a cosmological context. Proceedings of the International Astronomical Union, 2016, 11, 69-71.	0.0	0

#	ARTICLE	IF	CITATIONS
217	HI in the outskirts of Nearby Spirals. Proceedings of the International Astronomical Union, 2016, 11, 235-237.	0.0	0
218	Galaxy And Mass Assembly (GAMA): $\{M_{\text{star}}\}_{R_m}$ relations of $\langle z \rangle = 0$ bulges, discs and spheroids. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1470-1500.	1.6	85
219	THE GEOMETRY OF THE INFRARED AND X-RAY OBSCURER IN A DUSTY HYPERLUMINOUS QUASAR. Astrophysical Journal, 2016, 831, 76.	1.6	19
220	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.	1.6	38
221	The chosen few: the low-mass haloes that host faint galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 85-97.	1.6	117
222	Evidence for a change in the dominant satellite galaxy quenching mechanism at $\langle z \rangle = 1$. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4364-4376.	1.6	98
223	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: modelling the clustering and halo occupation distribution of BOSS CMASS galaxies in the Final Data Release. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1173-1187.	1.6	150
224	Bimodality of low-redshift circumgalactic O^{VI} in non-equilibrium eagle zoom simulations. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2157-2179.	1.6	159
225	Supernova blast waves in wind-blown bubbles, turbulent, and power-law ambient media. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2962-2978.	1.6	58
226	Zooming in on accretion â€” I. The structure of halo gas. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2881-2904.	1.6	80
227	Subhalo abundance matching and assembly bias in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3100-3118.	1.6	122
228	Missing dark matter in dwarf galaxies?. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3610-3623.	1.6	62
229	The KMOS Redshift One Spectroscopic Survey (KROSS): dynamical properties, gas and dark matter fractions of typical $\langle z \rangle \sim 1$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1888-1904.	1.6	154
230	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1931-1943.	1.6	453
231	Origin and properties of dual and offset active galactic nuclei in a cosmological simulation at $z=2$. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1013-1028.	1.6	89
232	nIFTY galaxy cluster simulations â€” III. The similarity and diversity of galaxies and subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1096-1116.	1.6	32
233	The galaxy correlation function as a constraint on galaxy formation physics. Monthly Notices of the Royal Astronomical Society, 2016, 458, 934-949.	1.6	18
234	Cosmic distribution of highly ionized metals and their physical conditions in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 459, 310-332.	1.6	85

#	ARTICLE	IF	CITATIONS
235	Stellar mass functions of galaxies, discs and spheroids at $z < 0.1$. Monthly Notices of the Royal Astronomical Society, 2016, 459, 44-69.	1.6	36
236	Rhapsody-G simulations II. Baryonic growth and metal enrichment in massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4408-4427.	1.6	25
237	On the connection between the metal-enriched intergalactic medium and galaxies: an O α galaxy cross-correlation study at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2016, 460, 590-616.	1.6	18
238	The KMOS Redshift One Spectroscopic Survey (KROSS): the Tully-Fisher relation at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2016, 460, 103-129.	1.6	38
239	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.	1.2	75
240	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.	1.6	86
241	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. Astronomy and Computing, 2016, 15, 72-89.	0.8	394
242	NIHAO VI. The hidden discs of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 467-486.	1.6	55
243	Genetically modified haloes: towards controlled experiments in Λ CDM galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 455, 974-986.	1.6	43
244	Properties of galaxies in the disc central surface brightness gap. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2644-2655.	1.6	5
245	An improved SPH scheme for cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2110-2130.	1.6	174
246	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
247	The evolution of the stellar mass versus halo mass relationship. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1459-1483.	1.6	37
248	The GHOSTS survey II. The diversity of halo colour and metallicity profiles of massive disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1419-1446.	1.6	81
249	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
250	The clustering evolution of dusty star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1621-1641.	1.6	18
251	Chemical evolution of giant molecular clouds in simulations of galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2297-2321.	1.6	15
252	Cosmological simulations of dwarf galaxies with cosmic ray feedback. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3335-3344.	1.6	20

#	ARTICLE	IF	CITATIONS
253	Column density profiles of multiphase gaseous haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1164-1187.	1.6	58
254	A stellar feedback origin for neutral hydrogen in high-redshift quasar-mass haloes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L32-L36.	1.2	89
255	Monsters in the dark: predictions for luminous galaxies in the early Universe from the B _{lue} T _{ides} simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L51-L55.	1.2	28
256	The low abundance and insignificance of dark discs in simulated Milky Way galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L56-L61.	1.2	16
257	The cosmic evolution of massive black holes in the Horizon-AGN simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2979-2996.	1.6	189
258	It is not easy being green: the evolution of galaxy colour in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3925-3939.	1.6	104
259	Alignments between galaxies, satellite systems and haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3772-3783.	1.6	47
260	The diverse evolutionary paths of simulated high- <i>z</i> massive, compact galaxies to <i>z</i> = 0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1030-1048.	1.6	96
261	Machine learning and cosmological simulations – I. Semi-analytical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 642-658.	1.6	38
262	An artificial neural network approach for ranking quenching parameters in central galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2086-2106.	1.6	60
263	Local SDSS galaxies in the Herschel Stripe 82 survey: a critical assessment of optically derived star formation rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2703-2721.	1.6	27
264	The baryonic Tully–Fisher relation cares about the galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2667-2675.	1.6	25
265	The KMOS AGN Survey at High redshift (KASH _z): the prevalence and drivers of ionized outflows in the host galaxies of X-ray AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1195-1220.	1.6	105
266	The nature of H _I star-forming galaxies at <i>z</i> ≈ 0.4 in and around ClA0939+4713: the environment matters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3443-3454.	1.6	37
267	The turbulent destruction of clouds – III. Three-dimensional adiabatic shock-cloud simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4470-4498.	1.6	35
268	The BlueTides simulation: first galaxies and reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2778-2791.	1.6	148
269	Strong bimodality in the host halo mass of central galaxies from galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3200-3218.	1.6	128
270	The brighter galaxies reionized the Universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 458, L94-L98.	1.2	66

#	ARTICLE	IF	CITATIONS
271	The origin and evolution of the galaxy mass–metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2140-2156.	1.6	307
272	Machine learning and cosmological simulations – II. Hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1162-1179.	1.6	41
273	A VERSATILE FAMILY OF GALACTIC WIND MODELS. <i>Astrophysical Journal</i> , 2016, 819, 29.	1.6	47
274	Large-scale mass distribution in the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3024-3035.	1.6	60
275	The Copernicus Complexio: a high-resolution view of the small-scale Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3492-3509.	1.6	84
276	SEMI-ANALYTIC GALAXY EVOLUTION (SAGE): MODEL CALIBRATION AND BASIC RESULTS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 22.	3.0	214
277	Star formation rates in luminous quasars at $2 <i>z </i> < 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4179-4194.	1.6	51
278	Dark matter annihilation radiation in hydrodynamic simulations of Milky Way haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4442-4451.	1.6	37
279	A weak gravitational lensing recalibration of the scaling relations linking the gas properties of dark haloes to their mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2301-2320.	1.6	33
280	The distribution of mass components in simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 476-483.	1.6	53
281	HYDRODYNAMICAL COUPLING OF MASS AND MOMENTUM IN MULTIPHASE GALACTIC WINDS. <i>Astrophysical Journal</i> , 2017, 834, 144.	1.6	108
282	A Black Hole Mass Determination for the Compact Galaxy Mrk 1216. <i>Astrophysical Journal</i> , 2017, 835, 208.	1.6	23
283	IMPACT OF BARYONIC PHYSICS ON INTRINSIC ALIGNMENTS. <i>Astrophysical Journal</i> , 2017, 834, 169.	1.6	13
284	Λ CDM is Consistent with SPARC Radial Acceleration Relation. <i>Astrophysical Journal Letters</i> , 2017, 835, L17.	3.0	66
285	Formation and Assembly History of Stellar Components in Galaxies as a Function of Stellar and Halo Mass. <i>Astrophysical Journal</i> , 2017, 836, 161.	1.6	16
286	THE SAMI GALAXY SURVEY: REVISITING GALAXY CLASSIFICATION THROUGH HIGH-ORDER STELLAR KINEMATICS. <i>Astrophysical Journal</i> , 2017, 835, 104.	1.6	115
287	Galactic Angular Momentum in Cosmological Zoom-in Simulations. I. Disk and Bulge Components and the Galaxy–Halo Connection. <i>Astrophysical Journal</i> , 2017, 835, 289.	1.6	34
288	On the Evolution of Galaxy Spin in a Cosmological Hydrodynamic Simulation of Galaxy Clusters. <i>Astrophysical Journal</i> , 2017, 837, 68.	1.6	50

#	ARTICLE	IF	CITATIONS
289	Log-normal Star Formation Histories in Simulated and Observed Galaxies. <i>Astrophysical Journal</i> , 2017, 839, 26.	1.6	59
290	The Velocity Dispersion Function of Very Massive Galaxy Clusters: Abell 2029 and Coma. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 20.	3.0	44
291	Constraints on Quenching of $Z \sim 2$ Massive Galaxies from the Evolution of the Average Sizes of Star-forming and Quenched Populations in COSMOS. <i>Astrophysical Journal</i> , 2017, 839, 71.	1.6	36
292	Post-Newtonian Dynamical Modeling of Supermassive Black Holes in Galactic-scale Simulations. <i>Astrophysical Journal</i> , 2017, 840, 53.	1.6	45
293	The SLUGGS survey: dark matter fractions at large radii and assembly epochs of early-type galaxies from globular cluster kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3949-3964.	1.6	45
294	Cosmological Structure Formation. , 0, , 136-160.		0
295	SDSS IV MaNGA "metallicity and nitrogen abundance gradients in local galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 151-170.	1.6	196
296	Theoretical Challenges in Galaxy Formation. <i>Annual Review of Astronomy and Astrophysics</i> , 2017, 55, 59-109.	8.1	443
297	Properties and Origin of Galaxy Velocity Bias in the Illustris Simulation. <i>Astrophysical Journal</i> , 2017, 841, 45.	1.6	28
298	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2017, 602, A15.	2.1	33
299	Panchromatic spectral energy distributions of simulated galaxies: results at redshift $z \sim 0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3775-3791.	1.6	6
300	The history of the dark and luminous side of Milky Way-like progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1101-1116.	1.6	31
301	Knowing the unknowns: uncertainties in simple estimators of galactic dynamical masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2335-2360.	1.6	54
302	Simulating cosmic ray physics on a moving mesh. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4500-4529.	1.6	137
303	Advanced LIGO Constraints on Neutron Star Mergers and r-process Sites. <i>Astrophysical Journal</i> , 2017, 836, 230.	1.6	71
304	The Warm Circumgalactic Medium: $10^{5.6} K$ Gas Associated with a Single Galaxy Halo or with an Entire Group of Galaxies?. <i>Astrophysical Journal</i> , 2017, 838, 37.	1.6	16
305	The Mass, Color, and Structural Evolution of Today's Massive Galaxies Since $z \sim 1/4$. <i>Astrophysical Journal</i> , 2017, 837, 147.	1.6	44
306	Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago. <i>Nature</i> , 2017, 543, 397-401.	13.7	177

#	ARTICLE	IF	CITATIONS
307	Increasing Black Hole Feedback-induced Quenching with Anisotropic Thermal Conduction. <i>Astrophysical Journal Letters</i> , 2017, 837, L18.	3.0	40
308	The properties of Λ CDM haloes in the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3913-3926.	1.6	44
309	The effects of host galaxy properties on merging compact binaries detectable by LIGO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2831-2839.	1.6	42
310	Equilibrium model prediction for the scatter in the star-forming main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2766-2776.	1.6	33
311	Angular momentum evolution of galaxies in EAGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3850-3870.	1.6	126
312	<i>Herschel</i> -ATLAS: revealing dust build-up and decline across gas, dust and stellar mass selected samples I. Scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4680-4705.	1.6	47
313	Galaxy Zoo: morphological classifications for 120,000 galaxies in <i>HST</i> legacy imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4176-4203.	1.6	51
314	A statistical investigation of the mass discrepancy-acceleration relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4160-4175.	1.6	77
315	The EAGLE simulations: atomic hydrogen associated with galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4204-4226.	1.6	130
316	Size matters: abundance matching, galaxy sizes, and the Tully-Fisher relation in EAGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4736-4746.	1.6	43
317	The metal enrichment of passive galaxies in cosmological simulations of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4866-4874.	1.6	16
318	The topology of the cosmic web in terms of persistent Betti numbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4281-4310.	1.6	66
319	Simulating galaxy formation with black hole driven thermal and kinetic feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3291-3308.	1.6	725
320	Galaxy Protoclusters as Drivers of Cosmic Star Formation History in the First 2 Gyr. <i>Astrophysical Journal Letters</i> , 2017, 844, L23.	3.0	116
321	Local two-sample testing: a new tool for analysing high-dimensional astronomical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3273-3282.	1.6	5
322	A detection of wobbling brightest cluster galaxies within massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1972-1980.	1.6	27
323	Stellar Mass Function of Active and Quiescent Galaxies via the Continuity Equation. <i>Astrophysical Journal</i> , 2017, 847, 13.	1.6	18
324	Active galactic nuclei: what are they in a name?. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	9.1	399

#	ARTICLE	IF	CITATIONS
325	Dark matter haloes: a multistream view. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3359-3373.	1.6	2
326	Confronting semi-analytic galaxy models with galaxy-matter correlations observed by CFHTLenS. Astronomy and Astrophysics, 2017, 601, A98.	2.1	11
327	Realistic estimation for the detectability of dark matter subhalos using Fermi-LAT catalogs. Physical Review D, 2017, 96, .	1.6	26
328	Growth of First Galaxies: Impacts of Star Formation and Stellar Feedback. Astrophysical Journal, 2017, 846, 30.	1.6	28
329	Archaeology of active galaxies across the electromagnetic spectrum. Nature Astronomy, 2017, 1, 39-48.	4.2	59
330	Cosmic ray feedback in galaxies and active galactic nuclei. AIP Conference Proceedings, 2017, , .	0.3	2
331	What is the right way to quench star formation in semi-analytic models of galaxy formation?. Research in Astronomy and Astrophysics, 2017, 17, 12.	0.7	2
332	Theoretical accuracy in cosmological growth estimation. Physical Review D, 2017, 96, .	1.6	26
333	The SAMI Galaxy Survey: Mass as the Driver of the Kinematic Morphologyâ€“Density Relation in Clusters. Astrophysical Journal, 2017, 844, 59.	1.6	65
334	Magnetic field formation in the Milky Way like disc galaxies of the Auriga project. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3185-3199.	1.6	120
335	The metallicity and elemental abundance gradients of simulated galaxies and their environmental dependence. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3856-3870.	1.6	39
336	The multiwavelength Tullyâ€“Fisher relation with spatially resolved H α kinematics. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2387-2400.	1.6	54
337	Baryon effects on void statistics in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4434-4452.	1.6	24
338	On the dynamics of supermassive black holes in gas-rich, star-forming galaxies: the case for nuclear star cluster co-evolution. Monthly Notices of the Royal Astronomical Society, 2017, 469, 295-313.	1.6	28
339	The average structural evolution of massive galaxies can be reliably estimated using cumulative galaxy number densities. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 469, L58-L62.	1.2	4
340	Gravitational torque-driven black hole growth and feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2840-2853.	1.6	162
341	The cosmic baryon cycle and galaxy mass assembly in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4698-4719.	1.6	289
342	The Formation and Evolution of Star Clusters in Interacting Galaxies. Astrophysical Journal, 2017, 844, 108.	1.6	20

#	ARTICLE	IF	CITATIONS
343	Not so lumpy after all: modelling the depletion of dark matter subhaloes by Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1709-1727.	1.6	242
344	Active galactic nuclei feedback, quiescence and circumgalactic medium metal enrichment in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 751-768.	1.6	38
345	Multidimensional upwind hydrodynamics on unstructured meshes using graphics processing units. I. Two-dimensional uniform meshes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4306-4340.	1.6	4
346	Supermassive Black Holes as the Regulators of Star Formation in Central Galaxies. Astrophysical Journal, 2017, 844, 170.	1.6	59
347	ABCpy. , 2017, , .		20
348	The case of the missing satellites. Synthese, 2017, , 1.	0.6	0
349	The Velocity Dispersion Function for Quiescent Galaxies in the Local Universe. Astrophysical Journal, 2017, 845, 73.	1.6	17
350	The little Galaxies that could (reionize the universe): predicting faint end slopes & escape fractions at $z \gtrsim 4$. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4077-4092.	1.6	30
351	The Circumgalactic Medium. Annual Review of Astronomy and Astrophysics, 2017, 55, 389-432.	8.1	635
352	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3775-3805.	1.6	27
353	Implications of hydrodynamical simulations for the interpretation of direct dark matter searches. International Journal of Modern Physics A, 2017, 32, 1730016.	0.5	36
354	A break in the high-redshift stellar mass Tully-Fisher relation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2599-2610.	1.6	6
355	Mass-Discrepancy Acceleration Relation: A Natural Outcome of Galaxy Formation in Cold Dark Matter Halos. Physical Review Letters, 2017, 118, 161103.	2.9	95
356	Can the Λ CDM model reproduce MOND-like behavior?. Physical Review D, 2017, 96, .	1.6	5
357	Unequal-time correlators for cosmology. Physical Review D, 2017, 95, .	1.6	21
358	The Impact of Star Formation Histories on Stellar Mass Estimation: Implications from the Local Group Dwarf Galaxies. Astrophysical Journal, Supplement Series, 2017, 233, 13.	3.0	41
359	Future constraints on halo thermodynamics from combined Sunyaev-Zel'dovich measurements. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 040-040.	1.9	44
360	THE CONCENTRATION DEPENDENCE OF THE GALAXY-HALO CONNECTION: MODELING ASSEMBLY BIAS WITH ABUNDANCE MATCHING. Astrophysical Journal, 2017, 834, 37.	1.6	104

#	ARTICLE	IF	CITATIONS
361	FOLLOWING THE COSMIC EVOLUTION OF PRISTINE GAS. I. IMPLICATIONS FOR MILKY WAY HALO STARS. <i>Astrophysical Journal</i> , 2017, 834, 23.	1.6	32
362	Evolution of Dust-obscured Star Formation and Gas to $z \hat{=} \hat{=} 2.2$ from HiZELS. <i>Astrophysical Journal</i> , 2017, 838, 119.	1.6	10
363	Stacked Star Formation Rate Profiles of Bursty Galaxies Exhibit “Coherent” Star Formation. <i>Astrophysical Journal Letters</i> , 2017, 849, L2.	3.0	19
364	The Diversity of Assembly Histories Leading to Disc Galaxy Formation in a $\hat{\lambda}$ CDM Model. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	1.3	15
365	Simulations of extragalactic magnetic fields and of their observables. <i>Classical and Quantum Gravity</i> , 2017, 34, 234001.	1.5	82
366	The role of mergers and halo spin in shaping galaxy morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3083-3098.	1.6	134
367	On the Dearth of Ultra-faint Extremely Metal-poor Galaxies. <i>Astrophysical Journal</i> , 2017, 835, 159.	1.6	15
368	Angular Momentum of Early- and Late-type Galaxies: Nature or Nurture?. <i>Astrophysical Journal</i> , 2017, 843, 105.	1.6	22
369	Do You See What I See? Exploring the Consequences of Luminosity Limits in Black Hole “Galaxy Evolution Studies. <i>Astrophysical Journal</i> , 2017, 843, 125.	1.6	11
370	Indirect searches of Galactic diffuse dark matter in INO-MagICAL detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	6
371	Impact of supermassive black hole growth on star formation. <i>Nature Astronomy</i> , 2017, 1, .	4.2	190
372	Modeling for Stellar Feedback in Galaxy Formation Simulations. <i>Astrophysical Journal</i> , 2017, 836, 204.	1.6	26
373	Joint constraints on the Galactic dark matter halo and GC from hypervelocity stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx098.	1.6	27
374	Galaxy formation in the Planck cosmology “ IV. Mass and environmental quenching, conformity and clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2626-2645.	1.6	65
375	Winds of change: reionization by starburst galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2176-2188.	1.6	34
376	Small-Scale Challenges to the $\hat{\lambda}$ CDM Paradigm. <i>Annual Review of Astronomy and Astrophysics</i> , 2017, 55, 343-387.	8.1	921
377	The Sherwood simulation suite: overview and data comparisons with the Lyman $\hat{\pm}$ forest at redshifts 2 $\hat{\%} < i > z < / i > \hat{\%} 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 897-914.	1.6	119
378	NIHAO “ VIII. Circum-galactic medium and outflows “ The puzzles of \hat{H} and \hat{O} gas distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2796-2815.	1.6	48

#	ARTICLE	IF	CITATIONS
379	nFTy galaxy cluster simulations – V. Investigation of the cluster infall region. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2027-2038.	1.6	16
380	Outflows driven by quasars in high-redshift galaxies with radiation hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1854-1873.	1.6	66
381	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
382	Rotation curve fitting and its fatal attraction to cores in realistically simulated galaxy observations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 63-87.	1.6	42
383	The low-mass end of the baryonic Tully–Fisher relation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2419-2428.	1.6	69
384	The Aurora radiation-hydrodynamical simulations of reionization: calibration and first results. Monthly Notices of the Royal Astronomical Society, 2017, 466, 960-973.	1.6	54
385	Angular momentum properties of haloes and their baryon content in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1625-1647.	1.6	80
386	Cold gas stripping in satellite galaxies: from pairs to clusters. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1275-1289.	1.6	184
387	(Star)bursts of FIRE: observational signatures of bursty star formation in galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 88-104.	1.6	169
388	Snap, crackle, pop: sub-grid supernova feedback in AMR simulations of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 11-33.	1.6	66
389	ProFit: Bayesian profile fitting of galaxy images. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1513-1541.	1.6	85
390	Galaxy simulation with dust formation and destruction. Monthly Notices of the Royal Astronomical Society, 2017, 466, 105-121.	1.6	91
391	Testing feedback-modified dark matter haloes with galaxy rotation curves: estimation of halo parameters and consistency with Λ CDM scaling relations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1648-1668.	1.6	81
392	SDSS-IV MaNGA – the spatially resolved transition from star formation to quiescence. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2570-2589.	1.6	85
393	<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
394	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
395	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.	1.6	152
396	SHARP – IV. An apparent flux-ratio anomaly resolved by the edge-on disc in B0712+472. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3713-3721.	1.6	49

#	ARTICLE	IF	CITATIONS
397	Colours, star formation rates and environments of star-forming and quiescent galaxies at the cosmic noon. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1050-1072.	1.6	65
398	The abundance of compact quiescent galaxies since $z \sim 1/4$. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4523-4536.	1.6	21
399	The Romulus cosmological simulations: a physical approach to the formation, dynamics and accretion models of SMBHs. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1121-1139.	1.6	185
400	The mass and momentum outflow rates of photoionized galactic outflows. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4831-4849.	1.6	114
401	The Horizon-AGN simulation: evolution of galaxy properties over cosmic time. Monthly Notices of the Royal Astronomical Society, 0, , stx126.	1.6	117
402	Small-scale galaxy clustering in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1771-1787.	1.6	28
403	What to expect from dynamical modelling of galactic haloes. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2351-2366.	1.6	17
404	Introducing the FirstLight project: UV luminosity function and scaling relations of primeval galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2791-2798.	1.6	52
405	Galaxy groups in the low-redshift Universe. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2982-3005.	1.6	84
406	Stellar dynamics in the strong-lensing central galaxy of Abell 1201: a low stellar mass-to-light ratio, a large central compact mass and a standard dark matter halo. Monthly Notices of the Royal Astronomical Society, 2017, 471, 383-393.	1.6	14
407	Physical drivers of galaxies' cold-gas content: exploring environmental and evolutionary effects with Dark Sage. Monthly Notices of the Royal Astronomical Society, 2017, 471, 447-462.	1.6	50
408	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.	1.6	45
409	Galaxies in the Illustris simulation as seen by the Sloan Digital Sky Survey II. Size-luminosity relations and the deficit of bulge-dominated galaxies in Illustris at low mass. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2879-2895.	1.6	71
410	The origin of the most massive black holes at high-z: BlueTides and the next quasar frontier. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4243-4251.	1.6	83
411	Young and turbulent: the early life of massive galaxy progenitors. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4080-4100.	1.6	27
412	Halo ellipticity of GAMA galaxy groups from KiDS weak lensing. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4131-4149.	1.6	36
413	Shaken and stirred: the Milky Way's dark substructures. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4383-4400.	1.6	99
414	Black hole feeding and feedback: the physics inside the 'sub-grid'. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3475-3492.	1.6	46

#	ARTICLE	IF	CITATIONS
415	Accurate initial conditions in mixed dark matter baryon simulations. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4401-4409.	1.6	21
416	Constraints on the Lyman continuum escape fraction for faint star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 389-403.	1.6	42
417	Constraints on AGN feedback from its Sunyaev-Zel'dovich imprint on the cosmic background radiation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 577-596.	1.6	21
418	Filament hunting: integrated $\text{H}\alpha$ emission from filaments inferred by galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2017, 468, 857-869.	1.6	9
419	Properties of Local Group galaxies in hydrodynamical simulations of sterile neutrino dark matter cosmologies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4285-4298.	1.6	50
420	The origin and evolution of fast and slow rotators in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3883-3906.	1.6	78
421	fire in the field: simulating the threshold of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3547-3562.	1.6	173
422	Stellar Populations in a semi-analytic model I: Bulges of Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4133-4143.	1.6	5
423	Formation and settling of a disc galaxy during the last 8 billion years in a cosmological simulation. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2664-2672.	1.6	23
424	The edge of galaxy formation I. Formation and evolution of MW-satellite analogues before accretion. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2356-2366.	1.6	42
425	Rhapsody-G simulations I: the cool cores, hot gas and stellar content of massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 0, , stx001.	1.6	33
426	Galaxy And Mass Assembly (GAMA): the galaxy stellar mass function to $z=0.1$ from the r-band selected equatorial regions. Monthly Notices of the Royal Astronomical Society, 2017, 470, 283-302.	1.6	93
427	Constraints on the evolution of the relationship between $\text{H}\alpha$ mass and halo mass in the last 12 Gyr. Monthly Notices of the Royal Astronomical Society, 2017, 470, 340-349.	1.6	28
428	A tight relation between the age distributions of stellar clusters and the properties of the interstellar medium in the host galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1421-1435.	1.6	19
429	Simplified galaxy formation with mesh-less hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1673-1686.	1.6	9
430	The Illustris Simulation: Supermassive Black Hole Galaxy Connection Beyond the Bulge. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	22
431	The properties of the first galaxies in the BlueTides simulation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2517-2530.	1.6	63
432	The $\text{H}\alpha$ luminosity-dependent clustering of star-forming galaxies from $z=0.8$ to $z=2.2$ with HiZELS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2913-2932.	1.6	29

#	ARTICLE	IF	CITATIONS
433	Quasar-mode Feedback in Nearby Type 1 Quasars: Ubiquitous Kiloparsec-scale Outflows and Correlations with Black Hole Properties. <i>Astrophysical Journal</i> , 2017, 850, 40.	1.6	120
434	Evolution of Galactic Outflows at $z \sim 1$ Revealed with SDSS, DEEP2, and Keck Spectra. <i>Astrophysical Journal</i> , 2017, 850, 51.	1.6	34
435	Cooling in a dissipative dark sector. <i>Physical Review D</i> , 2017, 96, .	1.6	25
436	Galaxy-galaxy lensing in EAGLE: comparison with data from 180° of the KiDS and GAMA surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2856-2870.	1.6	8
437	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
438	x-COLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 22.	3.0	350
439	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2054-2084.	1.6	63
440	The Hydrangea simulations: galaxy formation in and around massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4186-4208.	1.6	167
441	The separate and combined effects of baryon physics and neutrino free streaming on large-scale structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 227-242.	1.6	58
442	The unorthodox evolution of major merger remnants into star-forming spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3946-3958.	1.6	62
443	A comparison of observed and simulated absorption from $\text{H}\alpha$, $\text{C}\alpha$, and SiIV around $z \sim 2$ star-forming galaxies suggests redshift-space distortions are due to inflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 690-705.		62
444	The origin of the mass discrepancy-acceleration relation in Λ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1841-1848.	1.6	68
445	On the galaxy-halo connection in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 471, L11-L15.	1.2	29
446	Stellar Dynamics and Star Formation Histories of $z \sim 1$ Radio-loud Galaxies. <i>Astrophysical Journal</i> , 2017, 847, 72.	1.6	26
447	ZFIRE: SIMILAR STELLAR GROWTH IN $\text{H}\alpha$ -EMITTING CLUSTER AND FIELD GALAXIES AT $z \sim 2$. <i>Astrophysical Journal</i> , 2017, 834, 101.	1.6	14
448	SEARCHING FOR FOSSIL EVIDENCE OF AGN FEEDBACK IN WISE-SELECTED STRIPE-82 GALAXIES BY MEASURING THE THERMAL SUNYAEV-ZELDOVICH EFFECT WITH THE ATACAMA COSMOLOGY TELESCOPE. <i>Astrophysical Journal</i> , 2017, 834, 102.	1.6	17
449	Trident: A Universal Tool for Generating Synthetic Absorption Spectra from Astrophysical Simulations. <i>Astrophysical Journal</i> , 2017, 847, 59.	1.6	61
450	The Initial Mass Function in the Nearest Strong Lenses from SNELLS: Assessing the Consistency of Lensing, Dynamical, and Spectroscopic Constraints. <i>Astrophysical Journal</i> , 2017, 845, 157.	1.6	49

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451	Three-phase Interstellar Medium in Galaxies Resolving Evolution with Star Formation and Supernova Feedback (TIGRESS): Algorithms, Fiducial Model, and Convergence. <i>Astrophysical Journal</i> , 2017, 846, 133.	1.6	144
452	Red Supergiants as Cosmic Abundance Probes: Massive Star Clusters in M83 and the Massâ€“Metallicity Relation of Nearby Galaxies. <i>Astrophysical Journal</i> , 2017, 847, 112.	1.6	31
453	Composite Spectral Energy Distributions and Infraredâ€“Optical Colors of Type 1 and Type 2 Quasars. <i>Astrophysical Journal</i> , 2017, 849, 53.	1.6	39
454	Testing the Recovery of Intrinsic Galaxy Sizes and Masses of $z \sim 1/4$ Massive Galaxies Using Cosmological Simulations. <i>Astrophysical Journal Letters</i> , 2017, 844, L6.	3.0	25
455	Predictions for the detection of tidal streams with Gaia using great-circle methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 721-743.	1.6	14
456	Cosmic evolution of stellar quenching by AGN feedback: clues from the Horizon-AGN simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 949-965.	1.6	96
457	Dark-ages reionization and galaxy formation simulationâ€“XI. Clustering and halo masses of high redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1995-2008.	1.6	10
458	The mean star formation rates of unobscured QSOs: searching for evidence of suppressed or enhanced star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2221-2240.	1.6	71
459	The dependence of halo mass on galaxy size at fixed stellar mass using weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2367-2387.	1.6	14
460	The Mass Growth and Stellar Ages of Galaxies: Observations versus Simulations. <i>Astrophysical Journal Letters</i> , 2017, 849, L26.	3.0	11
461	Witnessing galaxy assembly in an extended $z \sim 3$ structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3686-3698.	1.6	41
462	Galaxyâ€“halo alignments in the Horizon-AGN cosmological hydrodynamical simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1163-1181.	1.6	53
463	The evolution of the star formation rate function in the EAGLE simulations: a comparison with UV, IR and H α observations from $z \sim 8$ to $z \sim 0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 919-939.	1.6	62
464	Synthetic nebular emission from massive galaxies â€“ I: origin of the cosmic evolution of optical emission-line ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2468-2495.	1.6	69
465	Dark-ages reionization and galaxy formation simulation â€“ X. The small contribution of quasars to reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2009-2027.	1.6	58
466	Density profile of dark matter haloes and galaxies in the horizonâ€“agn simulation: the impact of AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2153-2169.	1.6	102
467	The relation between galaxy morphology and colour in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 472, L45-L49.	1.2	71
468	The Auriga Project: the properties and formation mechanisms of disc galaxies across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx071.	1.6	293

#	ARTICLE	IF	CITATIONS
469	Are star formation rates of galaxies bimodal?. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 470, L59-L63.	1.2	35
470	The KMOS Redshift One Spectroscopic Survey (KROSS): rotational velocities and angular momentum of $z \sim 0.9$ galaxies.... Monthly Notices of the Royal Astronomical Society, 2017, 467, 1965-1983.	1.6	72
471	Lessons from the Auriga discs: the hunt for the Milky Way's ex situ disc is not yet over. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3722-3733.	1.6	46
472	Galaxy metallicity scaling relations in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3354-3377.	1.6	98
473	The edge of galaxy formation II. Evolution of Milky Way satellite analogues after infall. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3378-3389.	1.6	27
474	Galactic wind X-ray heating of the intergalactic medium during the Epoch of Reionization. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3632-3645.	1.6	6
475	Preprocessing, mass-loss and mass segregation of galaxies in dark matter simulations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4625-4634.	1.6	19
476	The growth of typical star-forming galaxies and their supermassive black holes across cosmic time since $z \sim 2$. Monthly Notices of the Royal Astronomical Society, 2017, 464, 303-311.	1.6	10
477	Galaxy and Mass Assembly (GAMA): halo formation times and halo assembly bias on the cosmic web. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3720-3741.	1.6	44
478	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
479	Inference from the small scales of cosmic shear with current and future Dark Energy Survey data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2567-2583.	1.6	21
480	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
481	Galaxy gas as obscurer II. Separating the galaxy-scale and nuclear obscurers of active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4348-4362.	1.6	63
482	Angular spectra of the intrinsic galaxy ellipticity field, their observability and their impact on lensing in tomographic surveys. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3453-3464.	1.6	10
483	Gas around galaxy haloes - III: hydrogen absorption signatures around galaxies and QSOs in the Sherwood simulation suite. Monthly Notices of the Royal Astronomical Society, 0, , stx191.	1.6	9
484	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
485	The limited role of galaxy mergers in driving stellar mass growth over cosmic time. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L50-L54.	1.2	31
486	The APOSTLE simulations: Rotation curves derived from synthetic 21-cm observations. Proceedings of the International Astronomical Union, 2017, 13, 213-218.	0.0	1

#	ARTICLE	IF	CITATIONS
487	The MUSE Hubble Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2017, 608, A9.	2.1	52
488	The Faber–Jackson relation and Fundamental Plane from halo abundance matching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 820-833.	1.6	36
489	Understanding the Galaxy. <i>Proceedings of the International Astronomical Union</i> , 2017, 14, 50-55.	0.0	0
490	Real- and redshift-space halo clustering in Λ CDM (Λ R) cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx196.	1.6	12
491	The Impact of Baryons on the Large-Scale Structure of the Universe. , 0, , .		4
492	The Impact of Modeling Assumptions in Galactic Chemical Evolution Models. <i>Astrophysical Journal</i> , 2017, 835, 128.	1.6	70
493	Small Scale Problems of the Λ CDM Model: A Short Review. <i>Galaxies</i> , 2017, 5, 17.	1.1	186
494	The Many Routes to AGN Feedback. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	107
495	Galaxy formation with BECDM – I. Turbulence and relaxation of idealized haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4559-4570.	1.6	208
496	The bahamas project: calibrated hydrodynamical simulations for large-scale structure cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2936-2965.	1.6	304
497	The “Building Blocks” of Stellar Halos. <i>Galaxies</i> , 2017, 5, 33.	1.1	4
498	Mimetic Gravity: A Review of Recent Developments and Applications to Cosmology and Astrophysics. <i>Advances in High Energy Physics</i> , 2017, 2017, 1-43.	0.5	190
499	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.	1.6	178
500	Candidate star clusters toward the inner Milky Way discovered on deep-stacked K_{S} -band images from the VVV Survey. <i>Astronomy and Astrophysics</i> , 2017, 600, A112.	2.1	12
501	Mufasa: Galaxy star formation, gas, and metal properties across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx108.	1.6	84
502	Massive close pairs measure rapid galaxy assembly in mergers at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 207-216.	1.6	68
503	The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to $10^{10.6}$ $L_{\text{UV}}^{\text{TM}}$ and Comparisons with Galaxy Formation Models. <i>Astrophysical Journal</i> , 2017, 836, 120.	1.6	40
504	Barred galaxies in the EAGLE cosmological hydrodynamical simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1054-1064.	1.6	66

#	ARTICLE	IF	CITATIONS
505	Tidal features of classical Milky Way satellites in a Λ cold dark matter universe. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4887-4901.	1.6	12
506	mufasa: the assembly of the red sequence. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1671-1687.	1.6	38
507	The KMOS Deep Survey (KDS) – I. Dynamical measurements of typical star-forming galaxies at $z \approx 3.5$. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1280-1320.	1.6	71
508	A counter-image to the gravitational arc in Abell 1201: Evidence for IMF variations, or a $10^{10} M_{\odot}$ \tilde{S}^{TM} black hole?. Monthly Notices of the Royal Astronomical Society, 0, , stx059.	1.6	4
509	Dark-ages Reionization & Galaxy Formation Simulation VIII. Suppressed growth of dark matter halos during the Epoch of Reionization. Monthly Notices of the Royal Astronomical Society, 0, , stx083.	1.6	4
510	Using the multi-object adaptive optics demonstrator RAVEN to observe metal-poor stars in and towards the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3536-3557.	1.6	16
511	How stellar feedback simultaneously regulates star formation and drives outflows. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1682-1698.	1.6	151
512	The new semi-analytic code GalICS 2.0 – reproducing the galaxy stellar mass function and the Tully–Fisher relation simultaneously. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1401-1427.	1.6	36
513	The rise and fall of stellar across the peak of cosmic star formation history: effects of mergers versus diffuse stellar mass acquisition. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1241-1258.	1.6	32
514	Intrinsic alignment of redMaPPer clusters: cluster shape–matter density correlation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4502-4512.	1.6	24
515	Finding the stars that reionized the Universe. Proceedings of the International Astronomical Union, 2017, 12, 253-254.	0.0	0
516	Testing galaxy formation models with galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3256-3270.	1.6	13
517	Comparing semi-analytic particle tagging and hydrodynamical simulations of the Milky Way's stellar halo. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1691-1712.	1.6	12
518	The COSMOS2015 galaxy stellar mass function. Astronomy and Astrophysics, 2017, 605, A70.	2.1	283
519	The origin of the enhanced metallicity of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 508-529.	1.6	36
520	A chronicle of galaxy mass assembly in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1659-1675.	1.6	145
521	The oldest and most metal-poor stars in the APOSTLE Local Group simulations. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2212-2224.	1.6	67
522	Properties of $H\alpha$ discs in the Auriga cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3859-3875.	1.6	50

#	ARTICLE	IF	CITATIONS
523	Galaxies in the Illustris simulation as seen by the Sloan Digital Sky Survey - I: Bulge+disc decompositions, methods, and biases.. Monthly Notices of the Royal Astronomical Society, 0, , stx017.	1.6	23
524	A consistent measure of the merger histories of massive galaxies using close-pair statistics â€“ I. Major mergers at $z \lesssim 3.5$. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3507-3531.	1.6	86
525	Dark-ages reionization and galaxy formation simulation â€“ IX. Economics of reionizing galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3300-3315.	1.6	4
526	On the effect of galactic outflows in cosmological simulations of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3167-3193.	1.6	19
527	Metals in the circumgalactic medium are out of ionization equilibrium due to fluctuating active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1026-1044.	1.6	25
528	How to get cool in the heat: comparing analytic models of hot, cold, and cooling gas in haloes and galaxies with EAGLE. Monthly Notices of the Royal Astronomical Society, 0, , stx243.	1.6	32
529	The inner structure of early-type galaxies in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1824-1848.	1.6	62
530	The impact of baryonic physics on the subhalo mass function and implications for gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1997-2010.	1.6	75
531	MultiDark-Galaxies: data release and first results. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5206-5231.	1.6	60
532	The multiplicity and anisotropy of galactic satellite accretion. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1796-1810.	1.6	51
533	Tidal stripping and the structure of dwarf galaxies in the Local Group. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3816-3836.	1.6	79
534	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 492-521.	1.6	42
535	The effect of non-equilibrium metal cooling on the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3283-3304.	1.6	23
537	AGN outflows and feedback twenty years on. Nature Astronomy, 2018, 2, 198-205.	4.2	220
538	Modelling the cosmic spectral energy distribution and extragalactic background light over all time. Monthly Notices of the Royal Astronomical Society, 2018, 474, 898-916.	1.6	32
539	The formation of hot gaseous haloes around galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 538-559.	1.6	44
540	Green valley galaxies as a transition population in different environments. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5617-5629.	1.6	25
541	The coreâ€“cusp problem: a matter of perspective. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1398-1411.	1.6	73

#	ARTICLE	IF	CITATIONS
542	The innate origin of radial and vertical gradients in a simulated galaxy disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3648-3660.	1.6	26
543	Dark matter dynamics in Abell 3827: new data consistent with standard cold dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 669-677.	1.6	22
544	The Next Generation Fornax Survey (NGFS). II. The Central Dwarf Galaxy Population. <i>Astrophysical Journal</i> , 2018, 855, 142.	1.6	74
545	Constraining self-interacting dark matter with scaling laws of observed halo surface densities. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 049-049.	1.9	23
546	SDSS-IV MaNGA: the spatial distribution of star formation and its dependence on mass, structure, and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 580-600.	1.6	48
547	The abundance, distribution, and physical nature of highly ionized oxygen O ^{vi} , O ^{vii} , and O ^{viii} in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 450-479.	1.6	133
548	The Mass and Absorption Columns of Galactic Gaseous Halos. <i>Astrophysical Journal</i> , 2018, 856, 5.	1.6	29
549	Slicing COSMOS with SC4K: the evolution of typical Ly α emitters and the Ly α escape fraction from $z \sim 1/4$ to 6. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4725-4752.	1.6	85
550	The BAHAMAS project: the CMB ^l large-scale structure tension and the roles of massive neutrinos and galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2999-3030.	1.6	113
551	Active Galactic Nuclei Feedback and the Origin and Fate of the Hot Gas in Early-type Galaxies. <i>Astrophysical Journal</i> , 2018, 856, 115.	1.6	21
552	The vertical structure of gaseous galaxy discs in cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1019-1037.	1.6	26
553	Dancing to changa: a self-consistent prediction for close SMBH pair formation time-scales following galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4967-4977.	1.6	65
554	Origins of carbon-enhanced metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 984-995.	1.6	16
555	A quartet of black holes and a missing duo: probing the low end of the MBH ^l relation with the adaptive optics assisted integral-field spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3030-3064.	1.6	37
556	Recent progress in simulating galaxy formation from the largest to the smallest scales. <i>Nature Astronomy</i> , 2018, 2, 368-373.	4.2	8
557	The impact of dark energy on galaxy formation. What does the future of our Universe hold?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3744-3759.	1.6	10
558	Bars in dark-matter-dominated dwarf galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2168-2176.	1.6	17
559	Quantifying the impact of mergers on the angular momentum of simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4956-4974.	1.6	113

#	ARTICLE	IF	CITATIONS
560	First results from the IllustrisTNG simulations: the galaxy colour bimodality. Monthly Notices of the Royal Astronomical Society, 2018, 475, 624-647.	1.6	894
561	The masses and metallicities of stellar haloes reflect galactic merger histories. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5300-5318.	1.6	66
562	First results from the IllustrisTNG simulations: the stellar mass content of groups and clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 648-675.	1.6	983
563	First results from the IllustrisTNG simulations: matter and galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2018, 475, 676-698.	1.6	1,035
564	Exploring the cosmic evolution of habitability with galaxy merger trees. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1829-1842.	1.6	10
565	SDSS-IV MaNGA: evidence of the importance of AGN feedback in low-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 476, 979-998.	1.6	85
566	Galaxy motions cause trouble for cosmology. Science, 2018, 359, 520-521.	6.0	1
567	Simulating galaxy formation with the IllustrisTNG model. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4077-4106.	1.6	1,144
568	The size evolution of star-forming and quenched galaxies in the IllustrisTNG simulation. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3976-3996.	1.6	195
569	Gas flows in the circumgalactic medium around simulated high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4279-4301.	1.6	22
570	Effect of hydrodynamical-simulationâ€‘inspired dark matter velocity profile on directional detection of dark matter. Physical Review D, 2018, 97, .	1.6	4
571	Black-hole-regulated star formation in massive galaxies. Nature, 2018, 553, 307-309.	13.7	45
572	An Alternate Approach to Measure Specific Star Formation Rates at. Astrophysical Journal, 2018, 852, 107.	1.6	32
573	Tracing the cosmic web. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1195-1217.	1.6	187
574	The stellar orbit distribution in present-day galaxies inferred from the CALIFA survey. Nature Astronomy, 2018, 2, 233-238.	4.2	56
575	The upper bound on the lowest mass halo. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2060-2083.	1.6	121
576	An excess of massive stars in the local 30 Doradus starburst. Science, 2018, 359, 69-71.	6.0	164
577	The Herschel Bright Sources (HerBS): sample definition and SCUBA-2 observations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1751-1773.	1.6	40

#	ARTICLE	IF	CITATIONS
578	The relationship between galaxy and dark matter halo size from $z \approx 1/4$ to the present. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2714-2736.	1.6	86
579	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
580	The KMOS $3D$ Survey: Rotating Compact Star-forming Galaxies and the Decomposition of Integrated Line Widths*. Astrophysical Journal, 2018, 855, 97.	1.6	32
581	A 16 arcmin^2 survey of emission-line galaxies at $z \approx 1.5$ in HSC-SSP Public Data Release 1. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	17
582	ELUCID. IV. Galaxy Quenching and its Relation to Halo Mass, Environment, and Assembly Bias. Astrophysical Journal, 2018, 852, 31.	1.6	52
583	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
584	Predictions for deep galaxy surveys with JWST from Λ CDM. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2352-2372.	1.6	46
585	Following the Cosmic Evolution of Pristine Gas. II. The Search for Pop III "bright Galaxies. Astrophysical Journal, 2018, 854, 75.	1.6	34
586	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
587	Discovery of massive star formation quenching by non-thermal effects in the centre of NGC 1097. Nature Astronomy, 2018, 2, 83-89.	4.2	25
588	Modified dark matter: Relating dark energy, dark matter and baryonic matter. International Journal of Modern Physics D, 2018, 27, 1830001.	0.9	15
589	Momentum-driven Winds from Radiatively Efficient Black Hole Accretion and Their Impact on Galaxies. Astrophysical Journal, 2018, 860, 14.	1.6	35
590	Satellite Galaxies in the Illustris-1 Simulation: Poor Tracers of the Mass Distribution. Astrophysical Journal Letters, 2018, 868, L7.	3.0	4
591	Galaxy And Mass Assembly (GAMA): The $s\text{SFR}-M^*$ relation part I " $\text{SFR}-M^*$ as a function of sample, SFR indicator and environment. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	38
592	Merger-induced metallicity dilution in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3381-3392.	1.6	54
593	The Dearth of Difference between Central and Satellite Galaxies. I. Perspectives on Star Formation Quenching and AGN Activities. Astrophysical Journal, 2018, 860, 102.	1.6	30
594	A Fundamental Test for Galaxy Formation Models: Matching the Lyman- α Absorption Profiles of Galactic Halos Over Three Decades in Distance. Astrophysical Journal, 2018, 859, 125.	1.6	20
595	Reionization in Technicolor. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2628-2649.	1.6	51

#	ARTICLE	IF	CITATIONS
596	The SELGIFS data challenge: generating synthetic observations of CALIFA galaxies from hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 917-931.	1.6	15
597	Stellar feedback strongly alters the amplification and morphology of galactic magnetic fields. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L111-L115.	1.2	23
598	Galaxy mergers moulding the circum-galactic medium α . I. The impact of a major merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1160-1176.	1.6	44
599	The origin of the α -blue tilt of globular cluster populations in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3279-3301.	1.6	33
600	Multiwavelength scaling relations in galaxy groups: a detailed comparison of GAMA and KiDS observations to BAHAMAS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3338-3355.	1.6	11
601	Halo occupation distribution (HOD) modelling of high redshift galaxies using the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3177-3192.	1.6	11
602	Observability of intermittent radio sources in galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 5286-5306.	1.6	21
603	A Foreground Masking Strategy for [C ii] Intensity Mapping Experiments Using Galaxies Selected by Stellar Mass and Redshift. <i>Astrophysical Journal</i> , 2018, 856, 107.	1.6	40
604	Molecular Gas Contents and Scaling Relations for Massive, Passive Galaxies at Intermediate Redshifts from the LEGA-C Survey. <i>Astrophysical Journal</i> , 2018, 860, 103.	1.6	48
605	The Mass and Absorption Column Densities of Galactic Gaseous Halos. II. The High Ionization State Ions. <i>Astrophysical Journal</i> , 2018, 862, 23.	1.6	12
606	The Spatial Distribution of Satellite Galaxies Selected from Redshift Space. <i>Astrophysical Journal</i> , 2018, 862, 169.	1.6	5
607	A Lonely Giant: The Sparse Satellite Population of M94 Challenges Galaxy Formation. <i>Astrophysical Journal</i> , 2018, 863, 152.	1.6	78
608	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A56.	2.1	70
609	A Review of the Theory of Galactic Winds Driven by Stellar Feedback. <i>Galaxies</i> , 2018, 6, 114.	1.1	63
610	The Dearth of Differences between Central and Satellite Galaxies. II. Comparison of Observations with L-GALAXIES and EAGLE in Star Formation Quenching. <i>Astrophysical Journal</i> , 2018, 864, 51.	1.6	13
611	An FMOS Survey of Moderate-luminosity, Broad-line AGNs in COSMOS, SXDS, and E-CDF-S. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 22.	3.0	15
612	Duty cycle of the radio galaxy B2 0258+35. <i>Astronomy and Astrophysics</i> , 2018, 618, A45.	2.1	30
613	Spatially resolved cold molecular outflows in ULIRGs. <i>Astronomy and Astrophysics</i> , 2018, 616, A171.	2.1	45

#	ARTICLE	IF	CITATIONS
614	Towards an improved model of self-interacting dark matter haloes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 038-038.	1.9	24
615	VIS ³ COS. <i>Astronomy and Astrophysics</i> , 2018, 620, A186.	2.1	22
616	ETHOS – an effective theory of structure formation: predictions for the high-redshift Universe – abundance of galaxies and reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2886-2899.	1.6	42
617	The impact of assembly bias on the halo occupation in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3978-3992.	1.6	74
618	The MUSE <i>Hubble</i> Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2018, 619, A27.	2.1	60
619	The Hot Universe with XRISM and Athena. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 29-36.	0.0	3
620	Dwarf Galaxies as Cosmological Probes. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 455-463.	0.0	3
621	The High Mass X-ray binaries in star-forming galaxies. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 332-336.	0.0	2
622	The Fundamental Physics of Angular Momentum Evolution in a Λ CDM Scenario. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 222-227.	0.0	0
623	Angular Momentum Evolution of Galaxies: the Perspective of Hydrodynamical Simulations. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 208-214.	0.0	1
624	The SLUGGS survey: a comparison of total-mass profiles of early-type galaxies from observations and cosmological simulations, to $\sim 1/4$ effective radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4543-4564.	1.6	37
625	BlueTides simulation: establishing black hole-galaxy relations at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5063-5073.	1.6	23
626	A MODEST review. <i>Computational Astrophysics and Cosmology</i> , 2018, 5, .	22.7	6
627	The frequency of dwarf galaxy multiples at low redshift in SDSS versus cosmological expectations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3376-3396.	1.6	33
628	The multiphase circumgalactic medium traced by low metal ions in EAGLE zoom simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 835-859.	1.6	64
629	Faint satellite population of the NGC-3175 Group – a Local Group analogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1759-1773.	1.6	12
630	Connecting and dissecting galaxies – angular momenta and neutral gas in a hierarchical universe: cue Dark Sage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5543-5559.	1.6	32
631	The galaxy clustering crisis in abundance matching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 359-383.	1.6	47

#	ARTICLE	IF	CITATIONS
632	Halo mass and weak galaxy-galaxy lensing profiles in rescaled cosmological N-body simulations. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	9
633	Galaxy And Mass Assembly (GAMA): gas fuelling of spiral galaxies in the local Universe II. â€œ direct measurement of the dependencies on redshift and host halo mass of stellar mass growth in central disc galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1015-1034.	1.6	6
634	Correlations in the three-dimensional Lyman-alpha forest contaminated by high column density absorbers. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3716-3728.	1.6	16
635	Deviations from hydrostatic equilibrium in the circumgalactic medium: spinning hot haloes and accelerating flows. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2963-2975.	1.6	54
636	The impact of baryons on the matter power spectrum from the Horizon-AGN cosmological hydrodynamical simulation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3962-3977.	1.6	120
637	The fraction of dark matter within galaxies from the IllustrisTNG simulations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1950-1975.	1.6	97
638	Gas outflows from the $z=7.54$ quasar: predictions from the BlueTides simulation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4877-4884.	1.6	24
639	Statistical Properties of Paired Fixed Fields. Astrophysical Journal, 2018, 867, 137.	1.6	42
640	The Supersonic Project: rotational effects of supersonic motions on the first structures in the Universe. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3108-3117.	1.6	14
641	Shark: introducing an open source, free, and flexible semi-analytic model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3573-3603.	1.6	164
642	On the Interpretation of Far-infrared Spectral Energy Distributions. I. The 850 μ m Molecular Mass Estimator. Astrophysical Journal, 2018, 867, 102.	1.6	21
643	AGN Evolution from the Galaxy Evolution Viewpoint. II.. Astrophysical Journal, 2018, 867, 148.	1.6	22
644	Supermassive black holes and their feedback effects in the IllustrisTNG simulation. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4056-4072.	1.6	270
645	YZiCS: Preprocessing of Dark Halos in the Hydrodynamic Zoom-in Simulation of Clusters. Astrophysical Journal, 2018, 866, 78.	1.6	36
646	On the Origin of Gas-poor Galaxies in Galaxy Clusters Using Cosmological Hydrodynamic Simulations. Astrophysical Journal, 2018, 865, 156.	1.6	39
647	Metal-enriched galactic outflows shape the massâ€œmetallicity relationship. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1690-1706.	1.6	78
648	Regular Substructures in the Rich Open Galaxy Clusters. Astronomy Reports, 2018, 62, 911-916.	0.2	2
649	Colourâ€œmagnitude diagram in simulations of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 722-741.	1.6	8

#	ARTICLE	IF	CITATIONS
650	The nature of the variable millimetre-selected AGN in the brightest cluster galaxy of Abell 851. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 481, L54-L58.	1.2	1
651	Exploring game performance in NBA playoffs. <i>Kinesiology</i> , 2018, 50, 89-96.	0.3	6
652	The stellar mass function of galaxies in Planck-selected clusters at $0.5 < z < 0.7$: new constraints on the timescale and location of satellite quenching. <i>Astronomy and Astrophysics</i> , 2018, 618, A140.	2.1	36
653	Fraction of bolometric luminosity absorbed by dust in DustPedia galaxies. <i>Astronomy and Astrophysics</i> , 2018, 620, A112.	2.1	44
654	A census of cool-core galaxy clusters in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1809-1831.	1.6	68
655	The rapid growth phase of supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3118-3128.	1.6	58
656	Simulation techniques for modified gravity. <i>International Journal of Modern Physics D</i> , 2018, 27, 1848003.	0.9	16
657	Photoevaporation of Molecular Clouds in Regions of Massive Star Formation as Revealed through H ₂ and Br _γ Emission. <i>Astrophysical Journal</i> , 2018, 869, 77.	1.6	7
658	Quenching and ram pressure stripping of simulated Milky Way satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 548-567.	1.6	135
659	The Dawes Review 8: Measuring the Stellar Initial Mass Function. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	1.3	76
660	Black Hole-Galaxy Scaling Relationships for Active Galactic Nuclei with Reverberation Masses. <i>Astrophysical Journal</i> , 2018, 864, 146.	1.6	55
661	A Redshift-independent Efficiency Model: Star Formation and Stellar Masses in Dark Matter Halos at $z \leq 4$. <i>Astrophysical Journal</i> , 2018, 868, 92.	1.6	145
662	Unveiling galaxy bias via the halo model, KiDS, and GAMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1240-1259.	1.6	38
663	Growing a "cosmic beast": observations and simulations of MACSJ0717.5+3745. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2901-2917.	1.6	25
664	Group quenching and galactic conformity at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2684-2704.	1.6	20
665	Estimating the Milky Way's Mass via Hierarchical Bayes: A Blind Test on MUGS2 Simulated Galaxies. <i>Astrophysical Journal</i> , 2018, 865, 72.	1.6	17
666	Resolution convergence in cosmological hydrodynamical simulations using adaptive mesh refinement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 983-1003.	1.6	6
667	Anatomy of Eddington-like inversion methods in the context of dark matter searches. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 040-040.	1.9	28

#	ARTICLE	IF	CITATIONS
668	Semi-analytic galaxies – III. The impact of supernova feedback on the mass–metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 954-969.	1.6	23
669	What to expect from dynamical modelling of galactic haloes – II. The spherical Jeans equation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5669-5680.	1.6	22
670	Star-forming galaxies are predicted to lie on a fundamental plane of mass, star formation rate, and \dot{M}_* -enhancement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 479, L34-L39.	1.2	20
671	The galaxy–subhalo connection in low-redshift galaxy clusters from weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1244-1264.	1.6	23
672	The origin of the diverse morphologies and kinematics of Milky Way-mass galaxies in the FIRE-2 simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4133-4157.	1.6	91
673	Early growth of typical high-redshift black holes seeded by direct collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 5016-5025.	1.6	33
674	Distance, Energy, and Variability of Quasar Outflows: Two HST/COS Epochs of LBQS 1206+1052. <i>Astrophysical Journal</i> , 2018, 865, 90.	1.6	18
675	Nearly all the sky is covered by Lyman- α emission around high-redshift galaxies. <i>Nature</i> , 2018, 562, 229-232.	13.7	108
676	The metallicity distribution of H α systems in the EAGLE cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4865-4871.	1.6	16
677	The JWST Extragalactic Mock Catalog: Modeling Galaxy Populations from the UV through the Near-IR over 13 Billion Years of Cosmic History. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 33.	3.0	106
678	Kinematic scaling relations of CALIFA galaxies: A dynamical mass proxy for galaxies across the Hubble sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2133-2146.	1.6	40
679	The effects of assembly bias on the inference of matter clustering from galaxy–galaxy lensing and galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4348-4361.	1.6	22
680	History and destiny of an emerging early-type galaxy. <i>Astronomy and Astrophysics</i> , 2018, 614, A32.	2.1	19
681	No evidence for modifications of gravity from galaxy motions on cosmological scales. <i>Nature Astronomy</i> , 2018, 2, 967-972.	4.2	31
682	Stellar feedback and the energy budget of late-type Galaxies: missing baryons and core creation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4287-4301.	1.6	8
683	Dynamical cluster disruption and its implications for multiple population models in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2851-2857.	1.6	36
684	Evolution of galaxy size–stellar mass relation from the Kilo-Degree Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1057-1080.	1.6	45
685	Early galaxy formation and its large-scale effects. <i>Physics Reports</i> , 2018, 780-782, 1-64.	10.3	273

#	ARTICLE	IF	CITATIONS
686	Normal black holes in bulge-less galaxies: the largely quiescent, merger-free growth of black holes over cosmic time. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2801-2812.	1.6	41
687	Evolution of LMC/M33-mass dwarf galaxies in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2018, 479, 284-296.	1.6	35
688	Absorption systems at $z \sim 2$ as a probe of the circum galactic medium: a probabilistic approach. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	1
689	Studying galaxy troughs and ridges using weak gravitational lensing with the Kilo-Degree Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5189-5209.	1.6	45
690	Testing the Breathing Mode in Intermediate-mass Galaxies and Its Predicted Star Formation Rate-size Anti-correlation. Astrophysical Journal Letters, 2018, 866, L21.	3.0	6
691	Bayesian calibration of force-fields from experimental data: TIP4P water. Journal of Chemical Physics, 2018, 149, 154110.	1.2	13
692	Dissecting the roles of mass and environment quenching in galaxy evolution with EAGLE. Monthly Notices of the Royal Astronomical Society, 2018, 480, 864-878.	1.6	21
693	The Stripe 82 21GHz Very Large Array Snapshot Survey: host galaxy properties and accretion rates of radio galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 480, 358-370.	1.6	22
694	Marked clustering statistics in $f(R)$ gravity cosmologies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4824-4835.	1.6	28
695	Dark-ages Reionization and Galaxy Formation Simulation XIV. Gas accretion, cooling, and star formation in dwarf galaxies at high redshift. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1318-1335.	1.6	4
696	History of dark matter. Reviews of Modern Physics, 2018, 90, .	16.4	578
697	The impact of feedback and the hot halo on the rates of gas accretion on to galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 255-269.	1.6	26
698	The conditional colour-magnitude distribution I. A comprehensive model of the colour-magnitude-halo mass distribution of present-day galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5470-5500.	1.6	24
699	Modeling the Atomic-to-molecular Transition in Cosmological Simulations of Galaxy Formation. Astrophysical Journal, Supplement Series, 2018, 238, 33.	3.0	71
700	AGN must be very efficient at powering outflows. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3189-3196.	1.6	11
701	The Close AGN Reference Survey (CARS). Astronomy and Astrophysics, 2018, 618, A27.	2.1	8
702	Aurigaia: mock Gaia DR2 stellar catalogues from the auriga cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1726-1743.	1.6	44
703	The origin of diverse α -element abundances in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5072-5089.	1.6	77

#	ARTICLE	IF	CITATIONS
704	Projected alignment of non-sphericities of stellar, gas, and dark matter distributions in galaxy clusters: analysis of the Horizon-AGN simulation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1141-1160.	1.6	15
705	Deep ALMA photometry of distant X-ray AGN: improvements in star formation rate constraints, and AGN identification. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3721-3739.	1.6	17
706	seurat: SPH scheme extended with ultraviolet line radiative transfer. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2664-2673.	1.6	4
707	Cosmological simulations of black hole growth II: how (in)significant are merger events for fuelling nuclear activity?. Monthly Notices of the Royal Astronomical Society, 2018, 481, 341-360.	1.6	50
708	A new strong-lensing galaxy at $z=0.066$: another elliptical galaxy with a lightweight IMF. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1595-1600.	1.6	25
709	Fifth force constraints from the separation of galaxy mass components. Physical Review D, 2018, 98, .	1.6	24
710	Degeneracies between modified gravity and baryonic physics. Astronomy and Astrophysics, 2018, 615, A134.	2.1	3
711	Ring galaxies in the EAGLE hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2951-2969.	1.6	31
712	emerge \hat{c} an empirical model for the formation of galaxies since $z \sim 10$. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1822-1852.	1.6	270
713	Introducing CGOLS: The Cholla Galactic Outflow Simulation Suite. Astrophysical Journal, 2018, 860, 135.	1.6	33
714	The COS-AGN survey: revealing the nature of circumgalactic gas around hosts of active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3890-3934.	1.6	18
715	The Origin of the Relation between Metallicity and Size in Star-forming Galaxies. Astrophysical Journal, 2018, 859, 109.	1.6	19
716	Quenching star formation with quasar outflows launched by trapped IR radiation. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2079-2111.	1.6	75
717	Star Cluster Formation in Cosmological Simulations. II. Effects of Star Formation Efficiency and Stellar Feedback. Astrophysical Journal, 2018, 861, 107.	1.6	56
718	Column Density Profiles of Cold Clouds Driven by Galactic Outflows. Astrophysical Journal, 2018, 864, 96.	1.6	6
719	The Cosmic Ballet: spin and shape alignments of haloes in the cosmic web. Monthly Notices of the Royal Astronomical Society, 2018, 481, 414-438.	1.6	76
720	Painting galaxies into dark matter haloes using machine learning. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3410-3422.	1.6	41
721	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

#	ARTICLE	IF	CITATIONS
722	The role of mergers in driving morphological transformation over cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2266-2283.	1.6	83
723	Weak Lensing for Precision Cosmology. <i>Annual Review of Astronomy and Astrophysics</i> , 2018, 56, 393-433.	8.1	213
724	DarkSUSY 6: an advanced tool to compute dark matter properties numerically. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 033-033.	1.9	88
725	NuGrid stellar data set â€“ II. Stellar yields from H to Bi for stellar models with MZAMS $\hat{=}$ 1â€“25 \hat{M}_{\odot} and $Z\hat{=}$ 0.0001â€“0.02. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 538-571.	1.6	104
726	The Future of Dwarf Galaxy Research: What Simulations will Predict?. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 17-26.	0.0	0
727	Galaxy Evolution in the context of radial metallicity gradients. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 255-256.	0.0	0
728	Driving gas shells with radiation pressure on dust in radiation-hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4197-4219.	1.6	66
729	NIHAO â€“ XIV. Reproducing the observed diversity of dwarf galaxy rotation curve shapes in $\hat{\Lambda}$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4392-4403.	1.6	52
730	Introducing galactic structure finder: the multiple stellar kinematic structures of a simulated Milky Way mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4915-4930.	1.6	27
731	Climbing to the top of the galactic mass ladder: evidence for frequent prolate-like rotation among the most massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 5327-5337.	1.6	37
732	The shape of galaxy dark matter haloes in massive galaxy clusters: insights from strong gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4046-4051.	1.6	17
733	The origin and properties of massive prolate galaxies in the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1489-1511.	1.6	40
734	The role of atomic hydrogen in regulating the scatter of the massâ€“metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1868-1878.	1.6	42
735	Dust-obscured star-forming galaxies in the early universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5363-5369.	1.6	30
736	RAiSE II: resolved spectral evolution in radio AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4179-4196.	1.6	39
737	A model for the origin of bursty star formation in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3717-3731.	1.6	80
738	X-rays across the galaxy population â€“ II. The distribution of AGN accretion rates as a function of stellar mass and redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1225-1249.	1.6	113
739	Observational signatures of a warped disk associated with cold-flow accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 254-270.	1.6	42

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740	Tidal dwarf galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 580-596.	1.6	38
741	Reducing biases on H α measurements using strong lensing and galaxy dynamics: results from the eagle simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3403-3422.	1.6	20
742	The radial acceleration relation in disc galaxies in the MassiveBlack-II simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3125-3132.	1.6	17
743	Extending semi-numeric reionization models to the first stars and galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3817-3824.	1.6	6
744	Identifying the progenitors of present-day early-type galaxies in observational surveys: correcting α -progenitor bias using the Horizon-AGN simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3140-3151.	1.6	13
745	Host galaxy properties of mergers of stellar binary black holes and their implications for advanced LIGO gravitational wave sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4997-5007.	1.6	41
746	The clustering of $z \sim 7$ galaxies: predictions from the BLUETIDES simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5393-5405.	1.6	16
747	Inspiraling halo accretion mapped in Ly α emission around a $z \sim 3$ quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3907-3940.	1.6	79
748	Quasar outflows at $z \sim 6$: the impact on the host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4003-4020.	1.6	44
749	The Smith Cloud: surviving a high-speed transit of the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5514-5531.	1.6	13
750	The structure and assembly history of cluster-sized haloes in self-interacting dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 746-759.	1.6	35
751	The dependence of galaxy clustering on stellar mass, star-formation rate and redshift at $z \sim 2.2$, with HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3730-3745.	1.6	25
752	Timing the formation and assembly of early-type galaxies via spatially resolved stellar populations analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3700-3729.	1.6	61
753	Exploring relations between BCG and cluster properties in the SPectroscopic IDentification of eROSITA Sources survey from $0.05 < z < 0.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4952-4973.	1.6	14
754	Globular cluster formation and evolution in the context of cosmological galaxy assembly: open questions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20170616.	1.0	102
755	Chasing passive galaxies in the early Universe: a critical analysis in CANDELS GOODS-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2098-2123.	1.6	54
756	From light to baryonic mass: the effect of the stellar mass-to-light ratio on the Baryonic Tully-Fisher relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4366-4384.	1.6	53
757	SURFS: Riding the waves with Synthetic Universe For Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5338-5359.	1.6	50

#	ARTICLE	IF	CITATIONS
758	xGASS: total cold gas scaling relations and molecular-to-atomic gas ratios of galaxies in the local Universe. Monthly Notices of the Royal Astronomical Society, 2018, 476, 875-895.	1.6	261
759	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4939-4952.	1.6	16
760	Validating Semi-analytic Models of High-redshift Galaxy Formation Using Radiation Hydrodynamical Simulations. Astrophysical Journal, 2018, 859, 67.	1.6	32
761	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.	1.6	70
762	The SAMI Galaxy Survey: Data Release One with emission-line physics value-added products. Monthly Notices of the Royal Astronomical Society, 2018, 475, 716-734.	1.6	65
763	Flux-ratio anomalies from discs and other baryonic structures in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2438-2451.	1.6	44
764	Impact of Lyman alpha pressure on metal-poor dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4617-4635.	1.6	35
765	A multiwavelength survey of HI-excess galaxies with surprisingly inefficient star formation. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	12
766	The Cluster-EAGLE project: velocity bias and the velocity dispersion-mass relation of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3746-3759.	1.6	33
767	The combined effect of AGN and supernovae feedback in launching massive molecular outflows in high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5688-5703.	1.6	32
768	Detection of Intrinsic Spin Alignments in Isolated Spiral Pairs. Astrophysical Journal, 2018, 858, 51.	1.6	3
769	Numerical Simulations of Multiphase Winds and Fountains from Star-forming Galactic Disks. I. Solar Neighborhood TIGRESS Model. Astrophysical Journal, 2018, 853, 173.	1.6	138
770	Revisiting the Stellar Mass-Angular Momentum-Morphology Relation: Extension to Higher Bulge Fraction and the Effect of Bulge Type. Astrophysical Journal, 2018, 860, 37.	1.6	22
771	A General Precipitation-limited L_X - R Relation among Early-type Galaxies. Astrophysical Journal, 2018, 853, 78.	1.6	23
772	An uncertainty principle for star formation II. A new method for characterizing the cloud-scale physics of star formation and feedback across cosmic history. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1866-1952.	1.6	71
773	The Galaxy-Halo Connection for $z \approx 1$ as Revealed by the Spitzer Matching Survey of the UltraVISTA Ultra-deep Stripes. Astrophysical Journal, 2018, 853, 69.	1.6	17
774	The Impact of Assembly Bias on the Galaxy Content of Dark Matter Halos. Astrophysical Journal, 2018, 853, 84.	1.6	92
775	Galaxy clusters in local Universe simulations without density constraints: a long uphill struggle. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5199-5208.	1.6	11

#	ARTICLE	IF	CITATIONS
776	Systematic search for tidal features around nearby galaxies. <i>Astronomy and Astrophysics</i> , 2018, 614, A143.	2.1	43
777	Data Release of UV to Submillimeter Broadband Fluxes for Simulated Galaxies from the EAGLE Project. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 20.	3.0	60
778	AutoLens: automated modeling of a strong lens's light, mass, and source. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4738-4784.	1.6	72
779	The connection between mass, environment, and slow rotation in simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4327-4345.	1.6	65
780	Exploring the dust content of galactic winds with Herschel " II. Nearby dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 699-726.	1.6	13
781	The FABLE simulations: a feedback model for galaxies, groups, and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5385-5412.	1.6	86
782	CEMPlyfing reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1638-1650.	1.6	4
783	Deep Extragalactic Visible Legacy Survey (DEVILS): motivation, design, and target catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 768-799.	1.6	73
784	Cosmological simulation with dust formation and destruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4905-4921.	1.6	74
785	The Connection Between Galaxies and Their Dark Matter Halos. <i>Annual Review of Astronomy and Astrophysics</i> , 2018, 56, 435-487.	8.1	482
786	Reignited star formation in dwarf galaxies that were quenched during reionization. <i>Astronomy and Astrophysics</i> , 2018, 615, A64.	2.1	12
787	Calibrated, cosmological hydrodynamical simulations with variable IMFs I: Method and effect on global galaxy scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	15
788	On the relevance of chaos for halo stars in the solar neighbourhood II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4052-4067.	1.6	15
789	Bayesian inference of spreading processes on networks. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20180129.	1.0	20
790	Lyman-continuum leakage as dominant source of diffuse ionized gas in the Antennae galaxy. <i>Astronomy and Astrophysics</i> , 2018, 611, A95.	2.1	37
791	Galaxy formation efficiency and the multiverse explanation of the cosmological constant with EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3727-3743.	1.6	14
792	Active Galactic Nucleus Feedback in an Elliptical Galaxy with the Most Updated AGN Physics. I. Low Angular Momentum Case. <i>Astrophysical Journal</i> , 2018, 857, 121.	1.6	92
793	The three phases of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3994-4009.	1.6	68

#	ARTICLE	IF	CITATIONS
794	Through a Smoother Lens: An expected absence of LCDM substructure detections from hydrodynamic and dark matter only simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1322-1332.	1.6	15
795	The Effect of AGNs on the Global H i Content of Isolated Low-mass Galaxies. Astrophysical Journal, 2018, 861, 50.	1.6	37
796	Probing satellite galaxies in the Local Group by using FAST. Research in Astronomy and Astrophysics, 2018, 18, 003.	0.7	6
797	SEAGLE â€” I. A pipeline for simulating and modelling strong lenses from cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4108-4125.	1.6	24
798	The total satellite population of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2853-2870.	1.6	97
799	Vlasov methods in space physics and astrophysics. Living Reviews in Solar Physics, 2018, 4, 1.	5.0	94
800	Cooler and smoother â€” the impact of cosmic rays on the phase structure of galactic outflows. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3042-3067.	1.6	97
801	Flickering AGN can explain the strong circumgalactic Oâ€” observed by COS-Halos. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4740-4755.	1.6	72
802	Individual stellar haloes of massive galaxies measured to 100â€”kpc at 0.3<math>\hat{A}</math><math>\hat{A}</math>0.5 using Hyper Suprime-Cam. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3348-3368.	1.6	78
803	Caustic Skeleton & Cosmic Web. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 027-027.	1.9	27
804	Simulating galactic dust grain evolution on a moving mesh. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2851-2886.	1.6	87
805	Galaxy and Mass Assembly (GAMA): small-scale anisotropic galaxy clustering and the pairwise velocity dispersion of galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3435-3450.	1.6	13
806	The E-MOSAICS project: simulating the formation and co-evolution of galaxies and their star cluster populations. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4309-4346.	1.6	173
807	On the Appearance of Thresholds in the Dynamical Model of Star Formation. Astrophysical Journal, 2018, 854, 16.	1.6	33
808	Discâ€”halo interactions in Λ CDM. Monthly Notices of the Royal Astronomical Society, 2018, 476, 198-209.	1.6	5
809	Observations of the missing baryons in the warmâ€”hot intergalactic medium. Nature, 2018, 558, 406-409.	13.7	194
810	The Fornax Deep Survey (FDS) with VST. Astronomy and Astrophysics, 2019, 625, A143.	2.1	52
811	Dark-matter-deficient galaxies in hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3298-3307.	1.6	11

#	ARTICLE	IF	CITATIONS
812	Galaxy structural analysis with the curvature of the brightness profile. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1161-1180.	1.6	10
813	The ultra-diffuse dwarf galaxies NGC 1052-DF2 and 1052-DF4 are in conflict with standard cosmology. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2634-2651.	1.6	17
814	Tracing black hole and galaxy co-evolution in the Romulus simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 802-819.	1.6	32
815	Climbing halo merger trees with TreeFrog. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	24
816	The H α velocity function: a test of cosmology or baryon physics?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5898-5915.	1.6	25
817	The IllustrisTNG simulations: public data release. Computational Astrophysics and Cosmology, 2019, 6, .	22.7	698
818	Investigating the co-evolution of massive black holes in dual active galactic nuclei and their host galaxies via galaxy merger simulations. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	5
819	Simulating the effect of photoheating feedback during reionization. Monthly Notices of the Royal Astronomical Society, 2019, 488, 419-437.	1.6	23
820	The evolution of the UV-to-mm extragalactic background light: evidence for a top-heavy initial mass function?. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3082-3101.	1.6	20
821	Quenching time-scales of galaxies in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3740-3758.	1.6	50
822	Stochastic modelling of star-formation histories I: the scatter of the star-forming main sequence. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3845-3869.	1.6	55
823	Detection of the self-regulation of star formation in galaxy discs. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 487, L61-L66.	1.2	9
824	Linking gas and galaxies at high redshift: MUSE surveys the environments of six damped Ly α systems at $z \approx 3$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5070-5096.	1.6	33
825	Star formation quenching imprinted on the internal structure of naked red nuggets. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4939-4950.	1.6	14
826	Intermediate-mass black hole growth and feedback in dwarf galaxies at high redshifts. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5549-5563.	1.6	30
827	Morphology and star formation in IllustrisTNG: the build-up of spheroids and discs. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5416-5440.	1.6	109
828	The evolution of sizes and specific angular momenta in hierarchical models of galaxy formation and evolution. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5649-5665.	1.6	15
829	NIHAO $\hat{=}$ XXII. Introducing black hole formation, accretion, and feedback into the NIHAO simulation suite. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5476-5489.	1.6	15

#	ARTICLE	IF	CITATIONS
830	The galaxy-halo connection in modified gravity cosmologies: environment dependence of galaxy luminosity function. Monthly Notices of the Royal Astronomical Society, 2019, 488, 782-802.	1.6	5
831	Tracing the quenching history of cluster galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 847-858.	1.6	35
832	Assembly bias evidence in close galaxy pairs. Monthly Notices of the Royal Astronomical Society, 2019, 487, 435-443.	1.6	4
833	Realistic simulations of galaxy formation in $f(R)$ modified gravity. Nature Astronomy, 2019, 3, 945-954.	4.2	32
834	The Fundamental Metallicity Relation Emerges from the Local Anti-correlation between Star Formation Rate and Gas-phase Metallicity that Exists in Disk Galaxies. Astrophysical Journal Letters, 2019, 878, L6.	3.0	17
835	The distinct stellar metallicity populations of simulated Local Group dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2312-2331.	1.6	22
836	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.	1.6	53
837	Evolution of galactic planes of satellites in the eagle simulation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1166-1179.	1.6	36
838	Evidence for two early accretion events that built the Milky Way stellar halo. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1235-1247.	1.6	315
839	Modelling baryonic physics in future weak lensing surveys. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1652-1678.	1.6	71
840	No signs of star formation being regulated in the most luminous quasars at $z \sim 2$ with ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1180-1198.	1.6	37
841	Barred galaxies in cosmological zoom-in simulations: the importance of feedback. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1864-1877.	1.6	19
842	Baryon-induced dark matter cores in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2387-2404.	1.6	78
843	Towards a radially resolved semi-analytic model for the evolution of disc galaxies tuned with machine learning. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3581-3606.	1.6	31
844	The evolution of the UV luminosity function of globular clusters in the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4550-4564.	1.6	15
845	Black hole-Galaxy correlations in simba. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5764-5780.	1.6	62
846	Exploring a new definition of the green valley and its implications. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L99-L103.	1.2	16
847	Local photoionization feedback effects on galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1518-1538.	1.6	10

#	ARTICLE	IF	CITATIONS
848	Detecting the neutral IGM in filaments with the SKA. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1415-1424.	1.6	10
849	Evolution of star formation rate–density relation over cosmic time in a simulated universe: the observed reversal reproduced. Monthly Notices of the Royal Astronomical Society, 2019, 489, 339-348.	1.6	20
850	Observable tests of self-interacting dark matter in galaxy clusters: cosmological simulations with SIDM and baryons. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3646-3662.	1.6	72
851	Photometric and kinematic misalignments and their evolution among fast and slow rotators in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2019, 489, 534-547.	1.6	1
852	Dark Matter Haloes and Subhaloes. Galaxies, 2019, 7, 81.	1.1	74
853	Dynamical heating across the Milky Way disc using APOGEE and Gaia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 176-195.	1.6	121
854	Behind the screen. Nature Astronomy, 2019, 3, 887-888.	4.2	1
855	On the Detectability of Visible-wavelength Line Emission from the Local Circumgalactic and Intergalactic Medium. Astrophysical Journal, 2019, 877, 4.	1.6	10
856	The CGM–GRB Study. I. Uncovering the Circumgalactic Medium around GRB Hosts at Redshifts $z \leq 6$. Astrophysical Journal, 2019, 884, 66.	1.6	9
857	ALMA 200 pc Resolution Imaging of Smooth Cold Dusty Disks in Typical $z \sim 1/4$ Star-forming Galaxies. Astrophysical Journal, 2019, 882, 107.	1.6	53
858	The Lyman- τ forest as a diagnostic of the nature of the dark matter. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3456-3471.	1.6	45
859	The redshift evolution of X-ray and Sunyaev–Zeldovich scaling relations in the fable simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2439-2470.	1.6	26
860	The impact of AGN on stellar kinematics and orbits in simulated massive galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2702-2722.	1.6	17
861	First results from the TNG50 simulation: the evolution of stellar and gaseous discs across cosmic time. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3196-3233.	1.6	453
862	Simulating the interstellar medium and stellar feedback on a moving mesh: implementation and isolated galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4233-4260.	1.6	72
863	Massive spheroids can form in single minor mergers. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4679-4689.	1.6	9
864	Revealing the galaxy–halo connection in IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5693-5711.	1.6	59
865	SDSS-IV MaNGA: the inner density slopes of nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2124-2138.	1.6	19

#	ARTICLE	IF	CITATIONS
866	Oxygen yields as a constraint on feedback processes in galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 868-888.	1.6	11
867	Young star cluster populations in the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1714-1733.	1.6	31
868	Semi-analytic forecasts for JWST \hat{z} II. Physical properties and scaling relations for galaxies at $z \hat{=} \hat{A}4 \hat{z} \hat{=} 10$. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2855-2879.	1.6	77
869	A black box for dark sector physics: predicting dark matter annihilation feedback with conditional GANs. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3134-3143.	1.6	9
870	Spin evolution and feedback of supermassive black holes in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4133-4153.	1.6	36
871	Dark matter halo shapes in the Auriga simulations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4877-4888.	1.6	33
872	Deep learning predictions of galaxy merger stage and the importance of observational realism. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5390-5413.	1.6	69
873	Comparing galaxy clustering in Horizon-AGN simulated light-cone mocks and VIDEO observations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5043-5056.	1.6	6
874	The impact of black hole seeding in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4640-4648.	1.6	9
875	Evolution of the cold gas properties of simulated post-starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2447-2461.	1.6	28
876	Generative deep fields: arbitrarily sized, random synthetic astronomical images through deep learning. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4985-4990.	1.6	15
877	Early-type galaxy density profiles from IllustrisTNG \hat{z} II. Evolutionary trend of the total density profile. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5722-5738.	1.6	19
878	The SLUGGS survey: measuring globular cluster ages using both photometry and spectroscopy. Monthly Notices of the Royal Astronomical Society, 2019, 490, 491-501.	1.6	31
879	MusE GAs FLOW and Wind (MEGAFLOW) \hat{z} III. Galactic wind properties using background quasars. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4368-4381.	1.6	81
880	Red and dead CANDELS: massive passive galaxies at the dawn of the Universe. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3309-3328.	1.6	65
881	Learning the relationship between galaxies spectra and their star formation histories using convolutional neural networks and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5503-5520.	1.6	28
882	Mergers, starbursts, and quenching in the simba simulation. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2139-2154.	1.6	72
883	The Fundamental Relation between Halo Mass and Galaxy Group Properties. Astrophysical Journal, 2019, 881, 74.	1.6	19

#	ARTICLE	IF	CITATIONS
884	Identifying Kinematic Structures in Simulated Galaxies Using Unsupervised Machine Learning. <i>Astrophysical Journal</i> , 2019, 884, 129.	1.6	21
885	Metallicity gradients in small and nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3826-3843.	1.6	36
886	The Hubble Sequence at $z \approx 0$ in the IllustrisTNG simulation with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1859-1879.	1.6	51
887	First results from the TNG50 simulation: galactic outflows driven by supernovae and black hole feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3234-3261.	1.6	510
888	A nitrogen-enhanced metal-poor star discovered in the globular cluster ESO280-SC06. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 741-751.	1.6	10
889	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3508-3531.	1.6	68
890	The nature of strong H&I absorbers probed by cosmological simulations: satellite accretion and outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3634-3645.	1.6	23
891	High-redshift quasars and their host galaxies – I. Kinematical and dynamical properties and their tracers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4004-4022.	1.6	54
892	Siblings, friends and acquaintances: testing galaxy association methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4875-4889.	1.6	0
893	Searching for the shadows of giants: characterizing protoclusters with line of sight Lyman- α absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5381-5397.	1.6	10
894	The whole picture of the large-scale structure of the CL1604 supercluster at $z \approx 0.9$. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	1.0	8
895	Cluster Cosmology with the Velocity Distribution Function of the HeCS-SZ Sample. <i>Astrophysical Journal</i> , 2019, 880, 154.	1.6	6
896	New Analytic Solutions for Galaxy Evolution: Gas, Stars, Metals, and Dust in Local ETGs and Their High- z Star-forming Progenitors. <i>Astrophysical Journal</i> , 2019, 880, 129.	1.6	29
897	Characterizing the Local Relation between Star Formation Rate and Gas-phase Metallicity in MaNGA Spiral Galaxies. <i>Astrophysical Journal</i> , 2019, 882, 9.	1.6	30
898	The Impact of Enhanced Halo Resolution on the Simulated Circumgalactic Medium. <i>Astrophysical Journal</i> , 2019, 882, 156.	1.6	128
899	AGN-Driven Outflows in Dwarf Galaxies. <i>Astrophysical Journal</i> , 2019, 884, 54.	1.6	60
900	Circumventing the Effects of Projection and Dust Using Inclination-independent Infrared Galaxy Structure Measurements: Method, Error Analysis, and a New Public Catalog of Near-infrared Galaxy Structures. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 3.	3.0	4
901	A Break in Spiral Galaxy Scaling Relations at the Upper Limit of Galaxy Mass. <i>Astrophysical Journal Letters</i> , 2019, 884, L11.	3.0	26

#	ARTICLE	IF	CITATIONS
902	New constraints on red-spiral galaxies from their kinematics in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4117-4125.	1.6	6
903	A young galaxy cluster in the old Universe. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2014-2029.	1.6	3
904	The prevalence of pseudo-bulges in the Auriga simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5742-5763.	1.6	40
905	ALMACAL â€“ VI. Molecular gas mass density across cosmic time via a blind search for intervening molecular absorbers. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1220-1230.	1.6	23
906	Extensions to the halo occupation distribution model for more accurate clustering predictions. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3532-3544.	1.6	20
907	The abundance and physical properties of Oâ€™vii and Oâ€™viii X-ray absorption systems in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2947-2969.	1.6	33
908	Clumpy galaxies in cosmological simulations: the effect of ISM model. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4400-4412.	1.6	12
909	The nature of submillimetre and highly star-forming galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2440-2454.	1.6	50
910	On the correlation between the local dark matter and stellar velocities. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 045-045.	1.9	12
911	Radiative properties of the first galaxies: rapid transition between UV and infrared bright phases. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2629-2643.	1.6	23
912	A new sample of southern radio galaxies: host-galaxy masses and star-formation rates. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3403-3411.	1.6	0
913	A study of stellar orbit fractions: simulated IllustrisTNG galaxies compared to CALIFA observations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 842-854.	1.6	19
914	Re. I. Understanding galaxy sizes, associated luminosity densities, and the artificial division of the early-type galaxy population. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	28
915	A novel scheme for Dark Matter Annihilation Feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4217-4232.	1.6	4
916	The impact of baryonic physics and massive neutrinos on weak lensing peak statistics. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3340-3357.	1.6	17
917	Tidal disruption events from massive black hole binaries: predictions for ongoing and future surveys. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4042-4060.	1.6	16
918	BAT AGN Spectroscopic Survey â€“ XVII. The parsec-scale jet properties of the ultrahard X-ray-selected local AGNs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4317-4328.	1.6	17
919	Energy equipartition between stellar and dark matter particles in cosmological simulations results in spurious growth of galaxy sizes. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L123-L128.	1.2	57

#	ARTICLE	IF	CITATIONS
920	Is there a fundamental upper limit to the mass of a star cluster?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5400-5408.	1.6	12
921	H2 chemistry in galaxy simulations: an improved supernova feedback model. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1687-1701.	1.6	11
922	Does radiative feedback make faint $z > 6$ galaxies look small?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4379-4392.	1.6	4
923	UniverseMachine: The correlation between galaxy growth and dark matter halo assembly from $z \sim 0$ to $z \sim 10$. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3143-3194.	1.6	659
924	Feedback from massive stars at low metallicities: MUSE observations of N44 and N180 in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5263-5288.	1.6	53
925	Tidally induced bars in Illustris galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2721-2735.	1.6	58
926	Automated distant galaxy merger classifications from Space Telescope images using the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3702-3720.	1.6	38
927	Star cluster formation in cosmological simulations – III. Dynamical and chemical evolution. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4030-4043.	1.6	50
928	No cores in dark matter-dominated dwarf galaxies with bursty star formation histories. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4790-4804.	1.6	62
929	The COSMOS-UltraVISTA stellar-to-halo mass relationship: new insights on galaxy formation efficiency out to $z \sim 5$. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5468-5481.	1.6	28
930	Formation histories of stars, clusters, and globular clusters in the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5838-5852.	1.6	56
931	Lighting Up Dark Matter Haloes. Galaxies, 2019, 7, 56.	1.1	5
932	Black Hole Mass Scaling Relations for Spiral Galaxies. I. $M_{\text{BH}} \propto M_{\text{sph}}^*$. Astrophysical Journal, 2019, 873, 85.	1.6	71
933	Osaka feedback model: isolated disc galaxy simulations. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2632-2655.	1.6	26
934	What shapes a galaxy? – unraveling the role of mass, environment, and star formation in forming galactic structure. Monthly Notices of the Royal Astronomical Society, 2019, 485, 666-696.	1.6	48
935	The TNG50 Simulation of the IllustrisTNG Project: Bridging the Gap Between Large Cosmological Volumes and Resolved Galaxies. , 2019, , 5-20.		0
936	Early-type galaxies in low-density environments: NGC 6876 explored through its globular cluster system. Monthly Notices of the Royal Astronomical Society, 2019, 488, 770-781.	1.6	7
937	Dipole distortions in the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4181-4189.	1.6	1

#	ARTICLE	IF	CITATIONS
938	On the Origin of Star ⁺ Gas Counterrotation in Low-mass Galaxies. <i>Astrophysical Journal</i> , 2019, 878, 143.	1.6	37
939	The Local Group on FIRE: dwarf galaxy populations across a suite of hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1380-1399.	1.6	137
940	Atomic and molecular gas in IllustrisTNG galaxies at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1529-1550.	1.6	67
941	The Cosmic Ballet II: spin alignment of galaxies and haloes with large-scale filaments in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1607-1625.	1.6	67
942	Host galaxies of merging compact objects: mass, star formation rate, metallicity, and colours. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1675-1688.	1.6	67
943	Galaxy formation and evolution science in the era of the Large Synoptic Survey Telescope. <i>Nature Reviews Physics</i> , 2019, 1, 450-462.	11.9	17
944	Figuring Out Gas & Galaxies in Enzo (FOGGIE). I. Resolving Simulated Circumgalactic Absorption at $z \approx 2.5$. <i>Astrophysical Journal</i> , 2019, 873, 129.	1.6	166
945	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
946	The dynamics and distribution of angular momentum in HiZELS star-forming galaxies at $z \approx 0.8-3.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 175-194.	1.6	17
947	The E-MOSAICS project: tracing galaxy formation and assembly with the age-metallicity distribution of globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3134-3179.	1.6	95
948	From "bathtub" galaxy evolution models to metallicity gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 456-474.	1.6	49
949	Dark matter stripping in galaxy clusters: a look at the stellar-to-halo mass relation in the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 653-666.	1.6	26
950	ETHOS – an Effective Theory of Structure Formation: detecting dark matter interactions through the Lyman- α forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 522-536.	1.6	23
951	The gas fractions of dark matter haloes hosting simulated $\sim 1/4 L_{\star}$ galaxies are governed by the feedback history of their black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3783-3793.	1.6	66
952	The star formation histories of dwarf galaxies in Local Group cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5423-5437.	1.6	31
953	Dark-ages Reionization and Galaxy Formation Simulation – XV. Stellar evolution and feedback in dwarf galaxies at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1946-1963.	1.6	3
954	A Characteristic Mass Scale in the Mass-Metallicity Relation of Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 6.	1.6	33
955	Fast and inefficient star formation due to short-lived molecular clouds and rapid feedback. <i>Nature</i> , 2019, 569, 519-522.	13.7	178

#	ARTICLE	IF	CITATIONS
956	Horizon-AGN virtual observatory â€“ 1. SED-fitting performance and forecasts for future imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5104-5123.	1.6	44
957	Calibrated, cosmological hydrodynamical simulations with variable IMFs III: spatially resolved properties and evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 985-1002.	1.6	13
958	SDSS-IV MaNGA: signatures of halo assembly in kinematically misaligned galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 172-188.	1.6	15
959	Observational Constraints on the Merger History of Galaxies since $z \sim 6$: Probabilistic Galaxy Pair Counts in the CANDELS Fields. <i>Astrophysical Journal</i> , 2019, 876, 110.	1.6	114
960	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 21-41.	1.6	26
961	simba: Cosmological simulations with black hole growth and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2827-2849.	1.6	576
962	Dancing in the Dark: Uncertainty in Ultrafaint Dwarf Galaxy Predictions from Cosmological Simulations. <i>Astrophysical Journal</i> , 2019, 874, 40.	1.6	45
963	Morphology-assisted galaxy mass-to-light predictions using deep learning. <i>Astronomy and Astrophysics</i> , 2019, 624, A102.	2.1	7
964	Radio-loud AGN in the first LoTSS data release. <i>Astronomy and Astrophysics</i> , 2019, 622, A12.	2.1	101
965	Can stellar discs in a cosmological setting avoid forming strong bars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 523-537.	1.6	4
966	A comparison between semi-analytical gas cooling models and cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1691-1717.	1.6	5
967	Formation of globular cluster systems â€“ II. Impact of the cut-off of the cluster initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 331-343.	1.6	24
968	NIHAO XX: the impact of the star formation threshold on the cuspâ€“core transformation of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 655-671.	1.6	46
969	Fast and energetic AGN-driven outflows in simulated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2047-2066.	1.6	41
970	The morphology and kinematics of the gaseous circumgalactic medium of Milky Way mass galaxies â€“ II. Comparison of IllustrisTNG and Illustris simulation results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4686-4700.	1.6	20
971	Evaluating the ability of triaxial Schwarzschild modelling to estimate properties of galaxies from the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4753-4772.	1.6	28
972	WISDOM project â€“ IV. A molecular gas dynamical measurement of the supermassive black hole mass in NGC 524. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4359-4374.	1.6	28
973	Post-Newtonian evolution of massive black hole triplets in galactic nuclei â€“ IV. Implications for LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4044-4060.	1.6	91

#	ARTICLE	IF	CITATIONS
974	The COS CGM Compendium. II. Metallicities of the Partial and Lyman Limit Systems at $z \approx 1$. <i>Astrophysical Journal</i> , 2019, 872, 81.	1.6	44
975	How Gas Accretion Feeds Galactic Disks. <i>Astrophysical Journal</i> , 2019, 875, 54.	1.6	32
976	The Ultraviolet Detection of Diffuse Gas in Galaxy Groups. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 15.	3.0	11
977	Inhomogeneous reionization models in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4075-4097.	1.6	34
978	Simulating the Dark Matter Decay Signal from the Perseus Galaxy Cluster. <i>Astrophysical Journal Letters</i> , 2019, 875, L24.	3.0	3
979	Angular momentum evolution of bulge stars in disc galaxies in NIHAO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5477-5491.	1.6	9
980	An observational test for star formation prescriptions in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1481-1487.	1.6	23
981	Multi-wavelength de-blended <i>Herschel</i> view of the statistical properties of dusty star-forming galaxies across cosmic time. <i>Astronomy and Astrophysics</i> , 2019, 624, A98.	2.1	27
982	Simulating and interpreting deep observations in the Hubble Ultra Deep Field with the <i>JWST</i> /NIRSpec low-resolution "prism"™. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2621-2640.	1.6	29
983	Simulations of jet heating in galaxy clusters: successes and challenges. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2465-2486.	1.6	41
984	Total density profile of massive early-type galaxies in Horizon-AGN simulation: impact of AGN feedback and comparison with observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4615-4627.	1.6	22
985	The cosmic spectral energy distribution in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4069-4082.	1.6	17
986	Evaporating the Milky Way halo and its satellites with inelastic self-interacting dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5437-5452.	1.6	46
987	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
988	Chemical evolution of disc galaxies from cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1384-1404.	1.6	17
989	The Auriga stellar haloes: connecting stellar population properties with accretion and merging history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2589-2616.	1.6	113
990	NIHAO XIX: how supernova feedback shapes the galaxy baryon cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2511-2531.	1.6	44
991	Prevalence of radio jets associated with galactic outflows and feedback from quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2710-2730.	1.6	111

#	ARTICLE	IF	CITATIONS
992	The velocity anisotropy of the Milky Way satellite system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2679-2694.	1.6	32
993	The MUSE Ultra Deep Field (MUDF) – I. Discovery of a group of Ly α nebulae associated with a bright z=3.23 quasar pair. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 485, L62-L67.	1.2	18
994	How to Measure Galaxy Star Formation Histories. II. Nonparametric Models. <i>Astrophysical Journal</i> , 2019, 876, 3.	1.6	248
995	Bulge plus disc and Sérsic decomposition catalogues for 16908 galaxies in the SDSS Stripe 82 co-adds: a detailed study of the ugriz structural measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 390-413.	1.6	37
997	Resolved galaxy scaling relations in the eagle simulation: star formation, metallicity, and stellar mass on kpc scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5715-5732.	1.6	39
998	The erratic dynamical life of black hole seeds in high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 101-111.	1.6	81
999	The local high-velocity tail and the Galactic escape speed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3514-3526.	1.6	75
1000	The metallicity and elemental abundance maps of kinematically atypical galaxies for constraining minor merger and accretion histories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3215-3223.	1.6	3
1001	The robustness of cosmological hydrodynamic simulation predictions to changes in numerics and cooling physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2021-2046.	1.6	12
1002	The formation and evolution of low-surface-brightness galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 796-818.	1.6	80
1003	r-process nucleosynthesis: connecting rare-isotope beam facilities with the cosmos. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 083001.	1.4	115
1004	arepo-rt: radiation hydrodynamics on a moving mesh. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 117-149.	1.6	69
1005	The mass of the Milky Way from satellite dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5453-5467.	1.6	102
1006	The diverse evolutionary pathways of post-starburst galaxies. <i>Nature Astronomy</i> , 2019, 3, 440-446.	4.2	26
1007	Supernovae feedback propagation: the role of turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3887-3894.	1.6	19
1008	The first supermassive black holes: indications from models for future observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2694-2709.	1.6	29
1009	Consistent modelling of the meta-galactic UV background and the thermal/ionization history of the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 47-68.	1.6	116
1010	The Galaxy Stellar Mass Function and Low Surface Brightness Galaxies from Core-Collapse Supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	9

#	ARTICLE	IF	CITATIONS
1011	Jellyfish galaxies with the IllustrisTNG simulations – I. Gas-stripping phenomena in the full cosmological context. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1042-1066.	1.6	102
1012	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
1013	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
1014	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
1015	Comparing galaxy morphology in hydrodynamical simulation and in semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2083-2091.	1.6	5
1016	Cosmological simulations of the circumgalactic medium with 1 kpc resolution: enhanced H α column densities. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L85-L89.	1.2	149
1017	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 160.	1.6	23
1018	Multi-wavelength Properties of Type 1 and Type 2 AGN Host Galaxies in the Chandra-COSMOS Legacy Survey. <i>Astrophysical Journal</i> , 2019, 872, 168.	1.6	44
1019	Evolution of the Stellar Mass Function and Infrared Luminosity Function of Galaxies since $z=1.2$. <i>Astrophysical Journal</i> , 2019, 873, 78.	1.6	12
1020	Simulating an isolated dwarf galaxy with multichannel feedback and chemical yields from individual stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1304-1329.	1.6	75
1021	KROSS – SAMI: a direct IFS comparison of the Tully – Fisher relation across 8 Gyr since $z=1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2166-2188.	1.6	33
1022	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
1023	The star formation rate and stellar content contributions of morphological components in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 744-766.	1.6	47
1024	Searching for environmental effects on galaxy kinematics in groups and clusters at $z \sim 1$ from the ORELSE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3514-3549.	1.6	16
1025	Fossil stellar streams and their globular cluster populations in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2795-2806.	1.6	35
1026	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
1027	Numerical simulations of AGN wind feedback on black hole accretion: probing down to scales within the sphere of influence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4642-4653.	1.6	7
1028	Modelling turbulent effects of stellar feedback in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4654-4672.	1.6	0

#	ARTICLE	IF	CITATIONS
1029	A numerical twist on the spin parameter, $\hat{\lambda}$. Monthly Notices of the Royal Astronomical Society, 2019, 483, 249-262.	1.6	16
1030	Supernova-driven winds in simulated dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3363-3381.	1.6	64
1031	Refuelled and shielded – the early evolution of tidal dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5315-5328.	1.6	3
1032	Atomic hydrogen in IllustrisTNG galaxies: the impact of environment paralleled with local 21-cm surveys. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5334-5354.	1.6	75
1033	The SAMI Galaxy Survey: comparing 3D spectroscopic observations with galaxies from cosmological hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2019, 484, 869-891.	1.6	67
1034	The origin of scatter in the star formation rate–stellar mass relation. Monthly Notices of the Royal Astronomical Society, 2019, 484, 915-932.	1.6	82
1035	The shapes of the rotation curves of star-forming galaxies over the last $\sim 10^8$ Gyr. Monthly Notices of the Royal Astronomical Society, 2019, 485, 934-960.	1.6	37
1036	The SAMI Galaxy Survey: satellite galaxies undergo little structural change during their quenching phase. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2656-2665.	1.6	32
1037	On the small-scale clustering of quasars: constraints from the MassiveBlack II simulation. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2026-2040.	1.6	10
1038	Cosmological Interpretation of the Color–Magnitude Diagrams of Galaxy Clusters. Astrophysical Journal, 2019, 870, 70.	1.6	8
1039	What Is Inside Matters: Simulated Green Valley Galaxies Have too Centrally Concentrated Star Formation. Astrophysical Journal Letters, 2019, 874, L17.	3.0	13
1040	Old and young stellar populations in DustPedia galaxies and their role in dust heating. Astronomy and Astrophysics, 2019, 624, A80.	2.1	80
1041	On the Prevalence of Supermassive Black Holes over Cosmic Time. Astrophysical Journal, 2019, 874, 117.	1.6	15
1042	De re metallica: the cosmic chemical evolution of galaxies. Astronomy and Astrophysics Review, 2019, 27, 1.	9.1	372
1043	Galaxy And Mass Assembly (GAMA): Environmental Quenching of Centrals and Satellites in Groups. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	46
1044	Hyper Suprime-Cam view of the CMASS galaxy sample. Astronomy and Astrophysics, 2019, 622, A30.	2.1	20
1045	Dynamic localized turbulent diffusion and its impact on the galactic ecosystem. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3810-3831.	1.6	23
1046	Linking galaxy structural properties and star formation activity to black hole activity with IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4413-4443.	1.6	59

#	ARTICLE	IF	CITATIONS
1047	The origin of galactic metal-rich stellar halo components with highly eccentric orbits. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4471-4483.	1.6	89
1048	Galaxies with monstrous black holes in galaxy cluster environments. Monthly Notices of the Royal Astronomical Society, 2019, 485, 396-407.	1.6	14
1049	The origin of the red-sequence galaxy population in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2022, 484, 4401-4412.	1.6	28
1050	VALES V: a kinematic analysis of the molecular gas content in H-ATLAS galaxies at $z \sim 0.03-0.35$ using ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1499-1524.	1.6	6
1051	What is the real accretion rate on to a black hole for low-angular-momentum accretion?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1724-1734.	1.6	7
1052	The ThreeHundred Project: ram pressure and gas content of haloes and subhaloes in the phase-space plane. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3968-3983.	1.6	44
1053	The AGN-galaxy connection: Low-redshift benchmark & lessons learnt. Proceedings of the International Astronomical Union, 2019, 15, 144-156.	0.0	0
1054	Large reservoirs of turbulent diffuse gas around high-z starburst galaxies. Proceedings of the International Astronomical Union, 2019, 15, 200-204.	0.0	0
1055	Numerical modelling of the lobes of radio galaxies in cluster environments – IV. Remnant radio galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5807-5819.	1.6	18
1056	To be or not to be: the case of the hot WHIM absorption in the blazar PKS 2155-304 sight line. Astronomy and Astrophysics, 2019, 621, A88.	2.1	16
1057	Deep learning for galaxy mergers in the galaxy main sequence. Proceedings of the International Astronomical Union, 2019, 15, 104-108.	0.0	0
1058	Hunting for Dwarf Galaxies Hosting the Formation and Coalescence of Compact Binaries. Physics, 2019, 1, 412-429.	0.5	2
1059	The building blocks of the Milky Way halo using APOGEE and Gaia or Is the Galaxy a typical galaxy?. Proceedings of the International Astronomical Union, 2019, 14, 170-173.	0.0	3
1060	Panchromatic SED fitting codes and modelling techniques. Proceedings of the International Astronomical Union, 2019, 15, 26-34.	0.0	3
1061	A galaxy's accretion history unveiled from its integrated spectrum. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	15
1062	The X-Ray Halo Scaling Relations of Supermassive Black Holes. Astrophysical Journal, 2019, 884, 169.	1.6	64
1063	Using machine learning to study the kinematics of cold gas in galaxies. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	4
1064	AGN All the Way Down? AGN-like Line Ratios Are Common in the Lowest-mass Isolated Quiescent Galaxies. Astrophysical Journal, 2019, 884, 180.	1.6	37

#	ARTICLE	IF	CITATIONS
1065	The Black Holeâ€“Bulge Mass Relation Including Dwarf Galaxies Hosting Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 887, 245.	1.6	50
1066	The Physical Origins of the Identified and Still Missing Components of the Warmâ€“Hot Intergalactic Medium: Insights from Deep Surveys in the Field of Blazar 1ES1553+113. <i>Astrophysical Journal Letters</i> , 2019, 884, L31.	3.0	26
1067	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 26.	3.0	67
1068	An Evolving and Mass-dependent \dot{M}_{SFR} Relation for Galaxies. <i>Astrophysical Journal</i> , 2019, 879, 11.	1.6	24
1069	Satellites of Satellites: The Case for Carina and Fornax. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	21
1070	G.A.S.. <i>Astronomy and Astrophysics</i> , 2019, 627, A131.	2.1	5
1071	The massâ€“size plane of EAGLE galaxies. <i>Astronomy and Astrophysics</i> , 2019, 629, L3.	2.1	16
1072	Impact of AGN feedback on galaxies and their multiphase ISM across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	18
1073	NIHAO-UHD: The properties of MW-like stellar disks in high resolution cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	53
1074	The angular momentum of disc galaxies at $\langle i \rangle_z \langle i \rangle = \langle b \rangle 1 \langle b \rangle$. <i>Astronomy and Astrophysics</i> , 2019, 621, L6.	2.1	22
1075	A spectral stacking analysis to search for faint outflow signatures in $\langle i \rangle_z \langle i \rangle \hat{=} 1/4$ 6 quasars. <i>Astronomy and Astrophysics</i> , 2019, 631, A78.	2.1	23
1076	The case for two-dimensional galaxyâ€“galaxy lensing. <i>Astronomy and Astrophysics</i> , 2019, 627, A74.	2.1	4
1077	Intrinsic and observed dual AGN fractions from major mergers. <i>Astronomy and Astrophysics</i> , 2019, 624, A86.	2.1	11
1078	Assembly of spheroid-dominated galaxies in the EAGLE simulation. <i>Astronomy and Astrophysics</i> , 2019, 629, A37.	2.1	14
1079	Alignment between satellite and central galaxies in the EAGLE simulation: dependence on the large-scale environments. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 181.	0.7	3
1080	Quantifying inhomogeneities in the HI distributions of simulated galaxies. <i>Journal of Physics: Conference Series</i> , 2019, 1258, 012023.	0.3	0
1081	The quest for dual and binary supermassive black holes: A multi-messenger view. <i>New Astronomy Reviews</i> , 2019, 86, 101525.	5.2	119
1082	A few StePS forward in unveiling the complexity of galaxy evolution: light-weighted stellar ages of intermediate-redshift galaxies with WEAVE. <i>Astronomy and Astrophysics</i> , 2019, 632, A9.	2.1	18

#	ARTICLE	IF	CITATIONS
1083	Sloshing of Galaxy Cluster Core Plasma in the Presence of Self-interacting Dark Matter. <i>Astrophysical Journal</i> , 2019, 882, 119.	1.6	8
1084	Weak lensing in the Horizon-AGN simulation lightcone. <i>Astronomy and Astrophysics</i> , 2019, 626, A72.	2.1	17
1085	An H α kinematic survey of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2019, 631, A71.	2.1	12
1086	Diverse dark matter density at sub-kiloparsec scales in Milky Way satellites: Implications for the nature of dark matter. <i>Physical Review D</i> , 2019, 100, .	1.6	47
1087	The Galaxy's Gas Content Regulated by the Dark Matter Halo Mass Results in a Superlinear $M_{\text{BH}}-M_{\text{gas}}$ Relation. <i>Astrophysical Journal Letters</i> , 2019, 885, L36.	3.0	14
1088	How AGN feedback drives the size growth of the first quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4918-4934.	1.6	20
1089	Ultra-diffuse galaxies in the Auriga simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5182-5195.	1.6	55
1090	Identifying galaxy mergers in observations and simulations with deep learning. <i>Astronomy and Astrophysics</i> , 2019, 626, A49.	2.1	43
1091	The evolution of stellar and dark matter density in EAGLE brightest cluster galaxies. <i>Journal of Physics: Conference Series</i> , 2019, 1380, 012100.	0.3	0
1092	The buildup of strongly barred galaxies in the TNG100 simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	36
1093	GABE: Galaxy Assembly with Binary Evolution. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 151.	0.7	4
1094	The aftermath of the Great Collision between our Galaxy and the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2185-2196.	1.6	27
1095	The main sequence of star-forming galaxies â€” I. The local relation and its bending. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3213-3226.	1.6	83
1096	The Cluster-EAGLE project: a comparison of dynamical mass estimators using simulated clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3308-3325.	1.6	14
1097	Calibrated, cosmological hydrodynamical simulations with variable IMFs â€” II. Correlations between the IMF and global galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2515-2529.	1.6	9
1098	The origin of accreted stellar halo populations in the Milky Way using APOGEE, <i>Gaia</i> , and the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3426-3442.	1.6	199
1099	Introducing <i>romulus</i> : a cosmological simulation of a galaxy cluster with an unprecedented resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3336-3362.	1.6	80
1100	The core of the massive cluster merger MACSJ0417.5âˆ”1154 as seen by VLT/MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3082-3097.	1.6	20

#	ARTICLE	IF	CITATIONS
1101	The optical morphologies of galaxies in the IllustrisTNG simulation: a comparison to Pan-STARRS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4140-4159.	1.6	236
1102	Non-circular motions and the diversity of dwarf galaxy rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 821-847.	1.6	89
1103	The chemical imprint of the bursty nature of Milky Way's progenitors. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 482, L145-L149.	1.2	3
1104	Introducing a new, robust galaxy-finder algorithm for simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2039-2064.	1.6	39
1105	The modified gravity light-cone simulation project "I. Statistics of matter and halo distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 790-805.	1.6	26
1106	The formation and assembly history of the Milky Way revealed by its globular cluster population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3180-3202.	1.6	232
1107	Controlling and leveraging small-scale information in tomographic galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5498-5509.	1.6	21
1108	Controlling systematics in ground-based CMB surveys with partial boresight rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1960-1969.	1.6	4
1109	Cosmological constraints from galaxy-galaxy lensing cross-correlations using BOSS galaxies with SDSS and CMB lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 51-68.	1.6	37
1110	Sub one per cent mass fractions of young stars in red massive galaxies. <i>Nature Astronomy</i> , 2020, 4, 252-259.	4.2	36
1111	Cosmological simulations of galaxy formation. <i>Nature Reviews Physics</i> , 2020, 2, 42-66.	11.9	317
1112	How feedback shapes galaxies: an analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5083-5100.	1.6	7
1113	Azimuthal variations of oxygen abundance profiles in star-forming regions of disc galaxies in EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4894-4901.	1.6	7
1114	L-GALAXIES 2020: Spatially resolved cold gas phases, star formation, and chemical enrichment in galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5795-5814.	1.6	62
1115	The evolution of galaxy intrinsic alignments in the MassiveBlackII universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4116-4130.	1.6	17
1116	Can tides disrupt cold dark matter subhaloes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4591-4601.	1.6	54
1117	GRAMSES: a new route to general relativistic N-body simulations in cosmology. Part I. Methodology and code description. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 007-007.	1.9	26
1118	The ACCELERATION programme: I. Cosmology with the redshift drift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2044-2057.	1.6	15

#	ARTICLE	IF	CITATIONS
1119	Exploring the effects of galaxy formation on matter clustering through a library of simulation power spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2424-2446.	1.6	89
1120	The Cloud Factory I: Generating resolved filamentary molecular clouds from galactic-scale forces. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1594-1613.	1.6	67
1121	The quenching and morphological evolution of central galaxies is facilitated by the feedback-driven expulsion of circumgalactic gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4462-4480.	1.6	94
1122	The e-MERGE Survey (e-MERLIN Galaxy Evolution Survey): overview and survey description. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1188-1208.	1.6	23
1123	Efficiently estimating mean, uncertainty, and unconstrained large-scale fraction of local Universe simulations with paired fixed fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4463-4474.	1.6	2
1124	The early growth of supermassive black holes in cosmological hydrodynamic simulations with constrained Gaussian realizations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1-12.	1.6	13
1125	Exploring extensions to the standard cosmological model and the impact of baryons on small scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3809-3829.	1.6	13
1126	Radiative cooling rates, ion fractions, molecule abundances, and line emissivities including self-shielding and both local and metagalactic radiation fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4857-4883.	1.6	41
1127	Galaxy And Mass Assembly (GAMA): a forensic SED reconstruction of the cosmic star formation history and metallicity evolution by galaxy type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5581-5603.	1.6	53
1128	The contribution of quasar absorption outflows to AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1522-1529.	1.6	11
1129	Angular momentum-related probe of cold gas deficiencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5024-5037.	1.6	10
1130	Radio galaxies and feedback from AGN jets. <i>New Astronomy Reviews</i> , 2020, 88, 101539.	5.2	135
1131	CCCP and MENeCS: (updated) weak-lensing masses for 100 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4684-4703.	1.6	36
1132	Galaxy and mass assembly: luminosity and stellar mass functions in GAMA groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 631-652.	1.6	11
1133	Correlations between mass, stellar kinematics, and gas metallicity in eagle galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L33-L37.	1.2	4
1134	Baryonic clues to the puzzling diversity of dwarf galaxy rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 58-77.	1.6	50
1135	The edge of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3929-3942.	1.6	34
1136	The distribution of dark matter and gas spanning 6 Mpc around the post-merger galaxy cluster MSâ€‰0451â€‰03. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4032-4050.	1.6	13

#	ARTICLE	IF	CITATIONS
1137	WALLABY – an SKA Pathfinder H&E%oi survey. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	0.5	128
1138	Oxygen loss from simulated galaxies and the metal flow main sequence: predicting the dependence on mass and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4433-4441.	1.6	6
1139	Streams, Substructures, and the Early History of the Milky Way. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 205-256.	8.1	205
1140	Kinematic Decomposition of IllustrisTNG Disk Galaxies: Morphology and Relation with Morphological Structures. <i>Astrophysical Journal</i> , 2020, 895, 139.	1.6	22
1141	Black Hole Growth and Feedback in Isolated ROMULUS25 Dwarf Galaxies. <i>Astrophysical Journal</i> , 2020, 897, 103.	1.6	24
1142	The contribution of N-rich stars to the Galactic stellar halo using APOGEE red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5462-5478.	1.6	25
1143	Jet feedback and the photon underproduction crisis in simba. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2617-2635.	1.6	27
1144	The imprint of dark subhaloes on the circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3255-3266.	1.6	1
1145	On the impact of baryons on the halo mass function, bias, and cluster cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2316-2335.	1.6	42
1146	Modelling the tightest relation between galaxy properties and dark matter halo properties from hydrodynamical simulations of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4453-4462.	1.6	3
1147	The stellar mass assembly of low-redshift, massive, central galaxies in SDSS and the TNG300 simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4262-4275.	1.6	6
1148	The formation of ultradiffuse galaxies in the RomulusC galaxy cluster simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2786-2810.	1.6	56
1149	Kinematic analysis of eagle simulations: evolution of \hat{r}_{Re} and its connection with mergers and gas accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5652-5665.	1.6	20
1150	The effect of gas accretion on the radial gas metallicity profile of simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2827-2843.	1.6	25
1151	An astrophysically motivated ranking criterion for low-latency electromagnetic follow-up of gravitational wave events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1841-1852.	1.6	20
1152	Characterizing the structure of halo merger trees using a single parameter: the tree entropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4551-4569.	1.6	13
1153	Constraining the inner density slope of massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4717-4733.	1.6	15
1154	From stellar haloes to intracluster light: the physics of the Intra-Halo Stellar Component in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4314-4333.	1.6	26

#	ARTICLE	IF	CITATIONS
1155	Analysis of the galaxy size versus stellar mass relation. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	8
1156	Hyper-Eddington accretion flows on to black holes accompanied by powerful outflows. Monthly Notices of the Royal Astronomical Society, 2020, 497, 302-317.	1.6	31
1157	The lensing properties of subhaloes in massive elliptical galaxies in sterile neutrino cosmologies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1295-1310.	1.6	13
1158	Galaxy mergers in <i>eagle</i> do not induce a significant amount of black hole growth yet do increase the rate of luminous AGN. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5713-5733.	1.6	45
1159	Massive low-surface-brightness galaxies in the <i>eagle</i> simulation. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3996-4016.	1.6	11
1160	The baryon content of groups and clusters of galaxies in the FABLE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2114-2137.	1.6	30
1161	Galactic inflow and wind recycling rates in the <i>eagle</i> simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4495-4516.	1.6	36
1162	To $\hat{\Gamma}^2$ or not to $\hat{\Gamma}^2$: can higher order Jeans analysis break the mass-anisotropy degeneracy in simulated dwarfs?. Monthly Notices of the Royal Astronomical Society, 2020, 498, 144-163.	1.6	25
1163	The impact of stellar and AGN feedback on halo-scale baryonic and dark matter accretion in the <i>eagle</i> simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1668-1692.	1.6	32
1164	Black hole mergers from dwarf to massive galaxies with the NewHorizon and Horizon-AGN simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2219-2238.	1.6	67
1165	The <i>artemis</i> simulations: stellar haloes of Milky Way-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1765-1785.	1.6	60
1166	The OH Megamaser galaxy IRAS11506 $\hat{\sim}$ 3851: an AGN and star formation revealed by multiwavelength observations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2632-2644.	1.6	5
1167	Local group star formation in warm and self-interacting dark matter cosmologies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 702-717.	1.6	9
1168	The detailed structure and the onset of galaxy formation in low-mass gaseous dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4887-4900.	1.6	52
1169	SH $\hat{\pm}$ DE: survey description and mass-kinematics scaling relations for dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5885-5903.	1.6	11
1170	Predictions for the angular dependence of gas mass flow rate and metallicity in the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2462-2473.	1.6	58
1171	Predicting accreted satellite galaxy masses and accretion redshifts based on globular cluster orbits in the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4863-4875.	1.6	25
1172	The formation of ultradiffuse galaxies in clusters. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1848-1858.	1.6	68

#	ARTICLE	IF	CITATIONS
1173	The intracluster light as a tracer of the total matter density distribution: a view from simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1859-1864.	1.6	34
1174	Modelling the large-scale mass density field of the universe as a function of cosmology and baryonic physics. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4800-4819.	1.6	54
1175	Recovering \hat{R} and V_{if} from seeing-dominated IFS data. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2018-2038.	1.6	27
1176	What does strong gravitational lensing? The mass and redshift distribution of high-magnification lenses. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3727-3739.	1.6	42
1177	Calibration of a star formation and feedback model for cosmological simulations with enzo. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5203-5219.	1.6	11
1178	X-ray emission from hot gas in galaxy groups and clusters in simba. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3061-3076.	1.6	27
1179	Physical conditions of five O ^{VI} absorption systems towards PG1522+101. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4864-4886.	1.6	5
1180	Kraken reveals itself – the merger history of the Milky Way reconstructed with the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2472-2491.	1.6	147
1181	The fate of disc galaxies in IllustrisTNG clusters. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2673-2703.	1.6	53
1182	Subaru Hyper Suprime-Cam view of quasar host galaxies at $z < 1$. Publication of the Astronomical Society of Japan, 2020, 72, .	1.0	16
1183	Study of galaxies on large-scale filaments in simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2265-2275.	1.6	9
1184	Magnetizing the circumgalactic medium of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3125-3137.	1.6	40
1185	Universal structure of dark matter haloes over a mass range of 20 orders of magnitude. Nature, 2020, 585, 39-42.	13.7	140
1186	The dark matter component of the Gaia radially anisotropic substructure. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 036-036.	1.9	22
1187	Systematic errors in strong gravitational lensing reconstructions, a numerical simulation perspective. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1718-1729.	1.6	15
1188	Cross-correlation of the astrophysical gravitational-wave background with galaxy clustering. Physical Review D, 2020, 102, .	1.6	30
1189	Stellar angular momentum distribution linked to galaxy morphology. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5421-5438.	1.6	4
1190	A new model for including galactic winds in simulations of galaxy formation – I. Introducing the Physically Evolved Winds (PhEW) model. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2586-2604.	1.6	19

#	ARTICLE	IF	CITATIONS
1191	Dark Matters on the Scale of Galaxies. Universe, 2020, 6, 107.	0.9	62
1192	A 4%perâ cent measurement of H_0 using the cumulative distribution of strong lensing time delays in doubly imaged quasars. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2871-2886.	1.6	13
1193	The diversity and variability of star formation histories in models of galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2020, 498, 430-463.	1.6	62
1194	Properties of brightest group galaxies in cosmic web filaments. Astronomy and Astrophysics, 2020, 639, A71.	2.1	14
1195	The impact of AGN feedback on the 1D power spectra from the Ly α forest using the Horizon-AGN suite of simulations. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1825-1840.	1.6	28
1196	Galactic outflow rates in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3971-3997.	1.6	73
1197	An excess of small-scale gravitational lenses observed in galaxy clusters. Science, 2020, 369, 1347-1351.	6.0	98
1198	The Tessellation-Level-Tree: characterizing the nested hierarchy of density peaks and their spatial distribution in cosmological N-body simulations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5693-5712.	1.6	6
1199	Monte Carlo Physarum Machine: An Agent-based Model for Reconstructing Complex 3D Transport Networks. , 2020, , .		1
1200	The link between star formation and gas in nearby galaxies. Communications Physics, 2020, 3, .	2.0	18
1201	The dependence of the galaxy stellar-to-halo mass relation on galaxy morphology. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3578-3593.	1.6	27
1202	The specific star formation rate function at different mass scales and quenching: a comparison between cosmological models and SDSS. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2036-2048.	1.6	19
1203	Cosmic variance of $\langle i \rangle z$ > 7 galaxies: prediction from $\langle \text{scp} \rangle \text{bluetides} \langle / \text{scp} \rangle$. Monthly Notices of the Royal Astronomical Society, 2020, 496, 754-766.	1.6	21
1204	Environment from cross-correlations: connecting hot gas and the quenching of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2241-2261.	1.6	7
1205	Mapping dark matter and finding filaments: calibration of lensing analysis techniques on simulated data. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3973-3990.	1.6	2
1206	The Cosmic Ultraviolet Baryon Survey (CUBS) â€ I. Overview and the diverse environments of Lyman limit systems at $\langle i \rangle z$ < 1. Monthly Notices of the Royal Astronomical Society, 2020, 497, 498-520.	1.6	37
1207	An EAGLEâ€™s view of ex situ galaxy growth. Monthly Notices of the Royal Astronomical Society, 2020, 497, 81-93.	1.6	45
1208	GallCS 2.1: a new semianalytic model for cold accretion, cooling, feedback, and their roles in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2020, 497, 279-301.	1.6	8

#	ARTICLE	IF	CITATIONS
1209	Stochastic modelling of star-formation histories II: star-formation variability from molecular clouds and gas inflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 698-725.	1.6	58
1210	Galaxy cold gas contents in modern cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 146-166.	1.6	71
1211	The effects of cosmic rays on the formation of Milky Way-mass galaxies in a cosmological context. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1712-1737.	1.6	64
1212	From rest-frame luminosity functions to observer-frame colour distributions: tackling the next challenge in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3026-3046.	1.6	16
1213	How unusual is the Milky Way's assembly history?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4311-4321.	1.6	22
1214	A tale of two populations: surviving and destroyed dwarf galaxies and the build-up of the Milky Way's stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4459-4471.	1.6	40
1215	The physical drivers of the atomic hydrogen halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 44-67.	1.6	18
1216	The influence of environment on satellite galaxies in the GAEA semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4327-4344.	1.6	26
1217	The star formation properties of the observed and simulated AGN Universe: BAT versus EAGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2323-2338.	1.6	7
1218	The globular cluster system mass halo mass relation in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1050-1061.	1.6	33
1219	The warm-hot circumgalactic medium around EAGLE-simulation galaxies and its detection prospects with X-ray and UV line absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 574-598.	1.6	31
1220	Galaxy properties in the cosmic web of EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1839-1851.	1.6	11
1221	Baryonic effects on the matter bispectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2887-2911.	1.6	30
1222	Ejective and preventative: the IllustrisTNG black hole feedback and its effects on the thermodynamics of the gas within and around galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 768-792.	1.6	100
1223	Intermittent AGN episodes drive outflows with a large spread of observable loading factors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3633-3647.	1.6	10
1224	Joint galaxy galaxy lensing and clustering constraints on galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5804-5833.	1.6	11
1225	Stellar initial mass function variation in massive early-type galaxies: the potential role of the deuterium abundance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4051-4059.	1.6	1
1226	How do central and satellite galaxies quench? Insights from spatially resolved spectroscopy in the MaNGA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 230-268.	1.6	77

#	ARTICLE	IF	CITATIONS
1227	Resolving shocks and filaments in galaxy formation simulations: effects on gas properties and star formation in the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 499, 597-615.	1.6	29
1228	Physical properties and evolution of (sub-)millimetre-selected galaxies in the galaxy formation simulation <scp>shark</scp>. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1948-1971.	1.6	38
1229	Interacting galaxies in the IllustrisTNG simulations - I: Triggered star formation in a cosmological context. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4969-4985.	1.6	49
1230	Abundance matching tested on small scales with galaxy dynamics. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L101-L105.	1.2	5
1231	What has quenched the massive spiral galaxies?. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L116-L121.	1.2	10
1232	Powering galactic superwinds with small-scale AGN winds. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5229-5255.	1.6	48
1233	Constraining the Milky Way Mass Profile with Phase-space Distribution of Satellite Galaxies. Astrophysical Journal, 2020, 894, 10.	1.6	38
1235	Theory Variant T0: The Foundational Postulates. , 2020, , 54-81.		0
1236	The Methodology of Scientific Research Programs. , 2020, , 20-42.		0
1237	The Milgromian Research Program. , 2020, , 43-53.		0
1238	Theory Variant T2: A Relativistic Theory. , 2020, , 117-180.		0
1239	Theory Variant T3: A Modified Hard Core. , 2020, , 181-203.		0
1241	Summary / Final Thoughts. , 2020, , 223-236.		0
1243	The orbital phase space of contracted dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2020, 495, 12-28.	1.6	17
1244	SimSpinâ€”Constructing mock IFS kinematic data cubes. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	13
1245	Constraining dark photons and their connection to 21 cm cosmology with CMB data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135420.	1.5	15
1246	Supernova feedback and the energy deposition in molecular clouds. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4700-4710.	1.6	31
1247	Weak lensing minima and peaks: Cosmological constraints and the impact of baryons. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2531-2542.	1.6	25

#	ARTICLE	IF	CITATIONS
1248	Deep spectroscopy in nearby galaxy clusters â€“ V. The Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1681-1692.	1.6	9
1249	ART2: a 3D parallel multiwavelength radiative transfer code for continuum and atomic and molecular lines. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1919-1935.	1.6	10
1250	EAGLE and Illustris-TNG Predictions for Resolved eROSITA X-Ray Observations of the Circumgalactic Medium around Normal Galaxies. Astrophysical Journal Letters, 2020, 893, L24.	3.0	35
1251	Cosmological Simulation of Galaxy Groups and Clusters. I. Global Effect of Feedback from Active Galactic Nuclei. Astrophysical Journal, 2020, 889, 60.	1.6	6
1252	Rapid Reionization by the Oligarchs: The Case for Massive, UV-bright, Star-forming Galaxies with High Escape Fractions. Astrophysical Journal, 2020, 892, 109.	1.6	166
1253	A Link between Ram Pressure Stripping and Active Galactic Nuclei. Astrophysical Journal Letters, 2020, 895, L8.	3.0	32
1254	Galaxy assembly bias of central galaxies in the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2739-2754.	1.6	22
1255	Early-type galaxy density profiles from IllustrisTNG â€“ I. Galaxy correlations and the impact of baryons. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5188-5215.	1.6	26
1256	The Variability of Star Formation Rate in Galaxies. II. Power Spectrum Distribution on the Main Sequence. Astrophysical Journal, 2020, 895, 25.	1.6	13
1257	Ionized gas kinematics of massive elliptical galaxies in CALIFA and in cosmological zoom-in simulations. Astronomy and Astrophysics, 2020, 635, A41.	2.1	2
1258	SKIRT 9: Redesigning an advanced dust radiative transfer code to allow kinematics, line transfer and polarization by aligned dust grains. Astronomy and Computing, 2020, 31, 100381.	0.8	74
1259	The stellar-to-halo mass relation over the past 12 Gyr. Astronomy and Astrophysics, 2020, 634, A135.	2.1	73
1260	Semi-analytic forecasts for JWST â€“ IV. Implications for cosmic reionization and LyC escape fraction. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4574-4592.	1.6	45
1261	Connecting the structure of dark matter haloes to the primordial power spectrum. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4994-5013.	1.6	21
1262	An ALMA survey of the SCUBA-2 CLS UDS field: physical properties of 707 sub-millimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3828-3860.	1.6	155
1263	Star Clusters Near and Far. Space Science Reviews, 2020, 216, 1.	3.7	82
1264	A missing outskirts problem? Comparisons between stellar haloes in the Dragonfly Nearby Galaxies Survey and the TNG100 simulation. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4570-4604.	1.6	31
1265	Radiative AGN feedback on a moving mesh: the impact of the galactic disc and dust physics on outflow properties. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1143-1164.	1.6	10

#	ARTICLE	IF	CITATIONS
1266	The mass of our Milky Way. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	2.0	69
1267	Where did the globular clusters of the Milky Way form? Insights from the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4248-4267.	1.6	27
1268	The missing dwarf galaxies of the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2596-2605.	1.6	18
1269	Barred Galaxies in the Illustris-1 and TNG100 Simulations: A Comparison Study. <i>Astrophysical Journal</i> , 2020, 895, 92.	1.6	23
1270	Infrared luminosity functions and dust mass functions in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2912-2924.	1.6	16
1271	The milky way total mass profile as inferred from Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4291-4313.	1.6	188
1272	Revealing the Dark Threads of the Cosmic Web. <i>Astrophysical Journal Letters</i> , 2020, 891, L35.	3.0	25
1273	The high-redshift SFR σ M* relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5592-5606.	1.6	30
1274	Cosmological baryon transfer in the simba simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 6102-6119.	1.6	30
1275	Subhalo destruction in the Apostle and Auriga simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5780-5793.	1.6	46
1276	Hydrostatic mass estimates of massive galaxy clusters: a study with varying hydrodynamics flavours and non-thermal pressure support. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1622-1642.	1.6	22
1277	Fade to grey: systematic variation of galaxy attenuation curves with galaxy properties in the eagle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3937-3951.	1.6	43
1278	Lessons from a blind study of simulated lenses: image reconstructions do not always reproduce true convergence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3885-3903.	1.6	6
1279	Redshift evolution of the Fundamental Plane relation in the IllustrisTNG simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5930-5939.	1.6	12
1280	<i>HST</i> /COS Observations of Quasar Outflows in the 500 σ –1050 σ , Rest Frame. I. The Most Energetic Outflows in the Universe and Other Discoveries. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 37.	3.0	28
1281	The Dearth of Differences between Central and Satellite Galaxies. III. Environmental Dependencies of Mass σ Size and Mass σ Structure Relations. <i>Astrophysical Journal</i> , 2020, 889, 37.	1.6	10
1282	The bivariate gas σ stellar mass distributions and the mass functions of early- and late-type galaxies at. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	16
1283	The better half σ asymmetric star formation due to ram pressure in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4145-4161.	1.6	31

#	ARTICLE	IF	CITATIONS
1284	Dynamical Evolution of Cosmic Supermassive Binary Black Holes and Their Gravitational-wave Radiation. <i>Astrophysical Journal</i> , 2020, 897, 86.	1.6	22
1285	Stochastic Processes as the Origin of the Double Power-law Shape of the Quasar Luminosity Function. <i>Astrophysical Journal</i> , 2020, 894, 124.	1.6	10
1286	The Evolution of the Star-Forming Interstellar Medium Across Cosmic Time. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 157-203.	8.1	223
1287	The mass fraction of halo stars contributed by the disruption of globular clusters in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3422-3428.	1.6	21
1288	Setting the scene for BUFFALO: a study of the matter distribution in the HFF galaxy cluster MACSJ0416.1 ⁺ 2403 and its parallel field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 349-362.	1.6	4
1289	Measuring the temperature and profiles of Ly α absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2193-2207.	1.6	8
1290	Rapid early coeval star formation and assembly of the most-massive galaxies in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4607-4621.	1.6	28
1291	And yet it flips: connecting galactic spin and the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 362-381.	1.6	49
1292	Predicting star formation properties of galaxies using deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4808-4815.	1.6	8
1293	Testing the impact of satellite anisotropy on large- and small-scale intrinsic alignments using hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5330-5350.	1.6	6
1294	Mass and star formation rate of the host galaxies of compact binary mergers across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3419-3434.	1.6	35
1295	On the model of the circumgalactic mist: the implications of cloud sizes in galactic winds and haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5056-5072.	1.6	34
1296	Baryons in the Cosmic Web of IllustrisTNG II. The connection among galaxies, haloes, their formation time, and their location in the Cosmic Web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5747-5758.	1.6	27
1297	Testing the accuracy of halo occupation distribution modelling using hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5771-5788.	1.6	24
1298	Abundance and group coalescence time-scales of compact groups of galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 491, L66-L71.	1.2	6
1299	Are galactic star formation and quenching governed by local, global, or environmental phenomena?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 96-139.	1.6	87
1300	Weak lensing reveals a tight connection between dark matter halo mass and the distribution of stellar mass in massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3685-3707.	1.6	24
1301	Global simulations of galactic discs: violent feedback from clustered supernovae during bursts of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 79-95.	1.6	17

#	ARTICLE	IF	CITATIONS
1302	Variations in the slope of the resolved star-forming main sequence: a tool for constraining the mass of star-forming regions. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L87-L91.	1.2	10
1303	Numerical convergence of hydrodynamical simulations of galaxy formation: the abundance and internal structure of galaxies and their cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2926-2951.	1.6	24
1304	The origin of dust in galaxies across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2490-2505.	1.6	43
1305	Spectral Classification and Ionized Gas Outflows in $z \sim 1/4$ WISE-selected Hot Dust-obscured Galaxies. <i>Astrophysical Journal</i> , 2020, 888, 110.	1.6	18
1306	Sensitivity analysis of a galaxy formation model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1827-1841.	1.6	1
1307	The impact of wind scalings on stellar growth and the baryon cycle in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1-28.	1.6	6
1308	The impact of the observed baryon distribution in haloes on the total matter power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2285-2307.	1.6	44
1309	VLT/SINFONI study of black hole growth in high-redshift radio-loud quasars from the CARLA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1991-2016.	1.6	8
1310	Image Simulations for Strong and Weak Gravitational Lensing. <i>Symmetry</i> , 2020, 12, 494.	1.1	7
1311	Hot WHIM counterparts of FUV $\text{O} \text{VI}$ absorbers: Evidence in the line-of-sight towards quasar 3C 273. <i>Astronomy and Astrophysics</i> , 2020, 634, A106.	2.1	15
1312	Weighing the stellar constituents of the galactic halo with APOGEE red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3631-3646.	1.6	67
1313	The relationship between black hole mass and galaxy properties: examining the black hole feedback model in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1888-1906.	1.6	127
1314	Exploiting flux ratio anomalies to probe warm dark matter in future large-scale surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4247-4253.	1.6	8
1315	Cosmological simulations of massive black hole seeds: predictions for next-generation electromagnetic and gravitational wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4973-4992.	1.6	20
1316	Momentum injection by clustered supernovae: testing subgrid feedback prescriptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1243-1256.	1.6	13
1317	From peculiar morphologies to Hubble-type spirals: the relation between galaxy dynamics and morphology in star-forming galaxies at $z \sim 1/4$ 1.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1492-1512.	1.6	11
1318	Evolution of dwarf galaxy observable parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 638-650.	1.6	3
1319	Feedback from supermassive black holes transforms centrals into passive galaxies by ejecting circumgalactic gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2939-2952.	1.6	51

#	ARTICLE	IF	CITATIONS
1320	Simulations of the star-forming molecular gas in an interacting M51-like galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2973-2995.	1.6	51
1321	Following the crumbs: statistical effects of ram pressure in galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 492, 413-419.	1.6	3
1322	Galaxy sizes and the galaxy-halo connection I. The remarkable tightness of the size distributions. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1671-1690.	1.6	28
1323	The Epistemology of Science. , 2020, , 1-19.		0
1324	Theory Variant T1: A Non-relativistic Lagrangian. , 2020, , 82-116.		0
1325	Multiwavelength consensus of large-scale linear bias. Monthly Notices of the Royal Astronomical Society, 2020, 493, 747-764.	1.6	3
1326	The biggest splash. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3880-3898.	1.6	163
1327	Galaxies hosting an active galactic nucleus: a view from the CALIFA survey. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3073-3090.	1.6	61
1328	Discrimination of heavy elements originating from Pop III stars in $z \sim 3$ intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4387-4395.	1.6	4
1329	Cool outflows in galaxies and their implications. Astronomy and Astrophysics Review, 2020, 28, 1.	9.1	253
1330	Into the Ly α jungle: exploring the circumgalactic medium of galaxies at $z \sim 4$ with MUSE. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5336-5356.	1.6	17
1331	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2823-2838.	1.6	28
1332	Efficacy of early stellar feedback in low gas surface density environments. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2088-2103.	1.6	28
1333	The $[\alpha/\text{Fe}]$ - $[\text{Fe}/\text{H}]$ relation in the E-MOSAICS simulations: its connection to the birth place of globular clusters and the fraction of globular cluster field stars in the bulge. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4012-4022.	1.6	28
1334	Spatially resolved star formation and fuelling in galaxy interactions. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3113-3133.	1.6	52
1335	Improving performance of zoom-in cosmological simulations using initial conditions with customized grids. New Astronomy, 2021, 84, 101501.	0.8	3
1336	Diagnosing the interstellar medium of galaxies with far-infrared emission lines. Astronomy and Astrophysics, 2021, 645, A133.	2.1	9
1337	Probing dark matter self-interaction with ultrafaint dwarf galaxies. Physical Review D, 2021, 103, .	1.6	18

#	ARTICLE	IF	CITATIONS
1338	Dark matter-deficient dwarf galaxies form via tidal stripping of dark matter in interactions with massive companions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1785-1796.	1.6	30
1339	Refining the mass estimate for the intermediate-mass black hole candidate in NGC 3319. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	4
1340	Old and new major mergers in the SOSIMPLE galaxy, NGC 7135. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2296-2307.	1.6	6
1341	The MAGPI survey: Science goals, design, observing strategy, early results and theoretical framework. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	15
1342	Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 772-793.	1.6	42
1343	Characterizing mass, momentum, energy, and metal outflow rates of multiphase galactic winds in the FIRE-2 cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2979-3008.	1.6	56
1344	From dwarf galaxies to galaxy clusters: Self-Interacting Dark Matter over 7 orders of magnitude in halo mass. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 043-043.	1.9	18
1345	The TNG50 Simulation: Highly-Resolved Galaxies in a Large Cosmological Volume to the Present Day. , 2021, , 5-22.		0
1346	What to expect when using globular clusters as tracers of the total mass distribution in Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2828-2844.	1.6	6
1347	A titanic interstellar medium ejection from a massive starburst galaxy at redshift $z=1.4$. <i>Nature Astronomy</i> , 2021, 5, 319-330.	4.2	8
1348	How to constrain warm dark matter with the Lyman- α forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2356-2363.	1.6	43
1349	Constraints on Galileons from the positions of supermassive black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	12
1350	The origin of low-surface-brightness galaxies in the dwarf regime. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4262-4276.	1.6	29
1351	Formation Channels of Single and Binary Stellar-Mass Black Holes. , 2021, , 1-65.		27
1352	Statistical modelling of the cosmological dispersion measure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2615-2629.	1.6	23
1353	The formation of isolated ultradiffuse galaxies in <i>romulus25</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5370-5389.	1.6	45
1354	Spurious heating of stellar motions in simulated galactic discs by dark matter halo particles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5114-5137.	1.6	36
1355	Relations between SFR Enhancement and Other Parameters in Major Merging Galaxy Pairs. <i>Chinese Astronomy and Astrophysics</i> , 2021, 45, 31-44.	0.1	0

#	ARTICLE	IF	CITATIONS
1356	Estimation of the Galaxy Quenching Rate in the Illustris Simulation. <i>Astrophysical Journal</i> , 2021, 906, 129.	1.6	3
1357	Resummed kinetic field theory: a model of coupled baryonic and dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 046-046.	1.9	2
1358	Setting the stage: structures from Gaussian random fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4759-4776.	1.6	8
1359	Submillimetre galaxies in cosmological hydrodynamical simulations – an opportunity for constraining feedback models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2922-2933.	1.6	20
1360	The galaxy–halo connection of emission-line galaxies in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3599-3617.	1.6	33
1361	Infrared emission of $z \approx 6$ galaxies: AGN imprints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2349-2368.	1.6	20
1362	The origin of X-ray coronae around simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2934-2951.	1.6	13
1363	The cosmic merger rate density of compact objects: impact of star formation, metallicity, initial mass function, and binary evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4877-4889.	1.6	91
1364	Novel Probes Project: Tests of gravity on astrophysical scales. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	47
1365	Luminosity Functions and Host-to-host Scatter of Dwarf Satellite Systems in the Local Volume. <i>Astrophysical Journal</i> , 2021, 908, 109.	1.6	40
1366	Compact Molecular Gas Distribution in Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2021, 908, 231.	1.6	14
1367	The Horizon Run 5 Cosmological Hydrodynamical Simulation: Probing Galaxy Formation from Kilo- to Gigaparsec Scales. <i>Astrophysical Journal</i> , 2021, 908, 11.	1.6	40
1368	Speedy galaxy evolution. <i>Science</i> , 2021, 371, 674-675.	6.0	1
1369	χ -cut Cosmic shear: Optimally removing sensitivity to baryonic and nonlinear physics with an application to the Dark Energy Survey year 1 shear data. <i>Physical Review D</i> , 2021, 103, .	1.6	8
1370	Gravitational Wave mergers as tracers of Large Scale Structures. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 035-035.	1.9	21
1371	ÎTNG: effect of baryonic processes on weak lensing with IllustrisTNG simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5593-5602.	1.6	14
1372	Polyphorm: Structural Analysis of Cosmological Datasets via Interactive Physarum Polycephalum Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 806-816.	2.9	6
1373	ALMA Measures Rapidly Depleted Molecular Gas Reservoirs in Massive Quiescent Galaxies at $z \approx 1.5$. <i>Astrophysical Journal</i> , 2021, 908, 54.	1.6	36

#	ARTICLE	IF	CITATIONS
1374	Revisiting the Integrated Star Formation Law. II. Starbursts and the Combined Global Schmidt Law. <i>Astrophysical Journal</i> , 2021, 908, 61.	1.6	80
1375	The kinematics of globular cluster populations in the E-MOSAICS simulations and their implications for the assembly history of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 31-58.	1.6	22
1376	A Comparison of Star-forming Clumps and Tidal Tails in Local Mergers and High-redshift Galaxies. <i>Astrophysical Journal</i> , 2021, 908, 121.	1.6	7
1377	Dark energy survey year 1 results: Constraining baryonic physics in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 6010-6031.	1.6	27
1378	Hot and counter-rotating star-forming disc galaxies in IllustrisTNG and their real-world counterparts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 726-742.	1.6	11
1379	An EAGLE view of the missing baryons. <i>Astronomy and Astrophysics</i> , 2021, 646, A156.	2.1	31
1380	The SAGA Survey. II. Building a Statistical Sample of Satellite Systems around Milky Way-like Galaxies. <i>Astrophysical Journal</i> , 2021, 907, 85.	1.6	115
1381	Probing the physical properties of the intergalactic medium using gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5981-5996.	1.6	7
1382	Baryonic Feedback Measurement From KV450 Cosmic Shear Analysis. <i>Astrophysical Journal</i> , 2021, 908, 13.	1.6	10
1383	GAMA/DEVILS: constraining the cosmic star formation history from improved measurements of the $0.3 < i > \pm 2.2 \%$ $< i > \pm 1/4 < /i > m$ extragalactic background light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2033-2052.	1.6	19
1384	Galaxy evolution across environments as probed by the ages, stellar metallicities, and $[< i > \pm < /i > /Fe] \hat{A}$ of central and satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4457-4478.	1.6	39
1385	Deviations from tidal torque theory: Evolution of the halo spin-filament alignment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5528-5545.	1.6	12
1386	On the environments of giant radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5104-5114.	1.6	12
1387	Supermassive black holes in cosmological simulations I: $< i > M < /i > BH \hat{a} \sim < i > M < /i > \hat{a} \uparrow$ relation and black hole mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1940-1975.	1.6	63
1388	A Tidally Induced Global Corrugation Pattern in an External Disk Galaxy Similar to the Milky Way. <i>Astrophysical Journal</i> , 2021, 908, 27.	1.6	13
1389	Out of sight, out of mind? The impact of correlated clustering in substructure lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 6064-6079.	1.6	10
1390	MIGHTEE-HI: The H&I emission project of the MeerKAT MIGHTEE survey. <i>Astronomy and Astrophysics</i> , 2021, 646, A35.	2.1	45
1391	Relic Radiation and the Modern Cosmological Model. <i>Astronomy Reports</i> , 2021, 65, 153-169.	0.2	1

#	ARTICLE	IF	CITATIONS
1392	The Thermal and Gravitational Energy Densities in the Large-scale Structure of the Universe. <i>Astrophysical Journal</i> , 2021, 910, 32.	1.6	6
1393	Quantified diffuse light in compact groups of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6059-6077.	1.6	16
1394	How to empirically model star formation in dark matter haloes – I. Inferences about central galaxies from numerical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4865-4884.	1.6	6
1395	On the origin of the mass–metallicity gradient relation in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 53-64.	1.6	22
1396	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zeldovich measurements. <i>Physical Review D</i> , 2021, 103, .	1.6	60
1397	Blandford–Znajek jets in galaxy formation simulations: method and implementation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3619-3650.	1.6	26
1398	Modelling the M^* –SFR relation at high redshift: untangling factors driving biases in the intrinsic scatter measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4855-4877.	1.6	15
1399	Constraining the cosmic UV background at $z \approx 3$ with MUSE Lyman- α emission observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 16-32.	1.6	10
1400	On the absence of backplash analogues to NGC 3109 in the Λ CDM framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6170-6186.	1.6	5
1401	Multiwavelength mock galaxy catalogues of the low-redshift Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4147-4162.	1.6	10
1402	Cosmology with the <i>Roman Space Telescope</i> : synergies with the Rubin Observatory Legacy Survey of Space and Time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1514-1527.	1.6	24
1403	Origins and demographics of wandering black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6098-6111.	1.6	35
1404	A little FABLE: exploring AGN feedback in dwarf galaxies with cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3568-3591.	1.6	37
1405	The galaxy–galaxy strong lensing cross-sections of simulated Λ CDM galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 504, L7-L11.	1.2	11
1406	Systematic Difference between Ionized and Molecular Gas Velocity Dispersions in $z \approx 1/4$ Disks and Local Analogs. <i>Astrophysical Journal</i> , 2021, 909, 12.	1.6	27
1407	Low-mass compact elliptical galaxies: spatially resolved stellar populations and kinematics with the Keck Cosmic Web Imager. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5455-5472.	1.6	10
1408	Studying galaxy cluster morphological metrics with <i>mock-X</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3394-3413.	1.6	5
1409	<i>emerge</i> : constraining merging probabilities and time-scales of close galaxy pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5646-5657.	1.6	3

#	ARTICLE	IF	CITATIONS
1410	Simultaneous modelling of matter power spectrum and bispectrum in the presence of baryons. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3596-3609.	1.6	23
1411	The pristine dwarf-galaxy survey " III. Revealing the nature of the Milky Way globular cluster Sagittarius II. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2754-2762.	1.6	17
1412	Convolutional neural network identification of galaxy post-mergers in UNIONS using IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2021, 504, 372-392.	1.6	36
1413	Late-time cosmic evolution of dust: solving the puzzle. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4537-4543.	1.6	12
1414	Galaxy formation in the brane world I: overview and first results. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3867-3885.	1.6	19
1415	The Voyage of Metals in the Universe from Cosmological to Planetary Scales: the need for a Very High-Resolution, High Throughput Soft X-ray Spectrometer. Experimental Astronomy, 2021, 51, 1013-1041.	1.6	5
1416	SEAGLE " II. Constraints on feedback models in galaxy formation from massive early-type strong-lens galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3455-3477.	1.6	9
1417	The radio galaxy population in the <sc>simba</sc> simulations. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3492-3509.	1.6	22
1418	Virialization of the Inner CGM in the FIRE Simulations and Implications for Galaxy Disks, Star Formation, and Feedback. Astrophysical Journal, 2021, 911, 88.	1.6	66
1419	Gravitational lensing in LoTSS DR2: extremely faint 144-MHz radio emission from two highly magnified quasars. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 505, L36-L40.	1.2	8
1420	The parametrization of gas flows in discs in the Auriga simulations. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4400-4415.	1.6	6
1421	Ultra-fast Model Emulation with PRISM: Analyzing the Meraxes Galaxy Formation Model. Astrophysical Journal, Supplement Series, 2021, 253, 50.	3.0	0
1422	A unified scenario for the origin of spiral and elliptical galaxy structural scaling laws. Astronomy and Astrophysics, 2021, 648, A124.	2.1	12
1423	Connection between Galaxies and H I in Circumgalactic and Intergalactic Media: Variation according to Galaxy Stellar Mass and Star Formation Activity. Astrophysical Journal, 2021, 911, 98.	1.6	7
1424	Magellanic satellites in Λ CDM cosmological hydrodynamical simulations of the Local Group. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4551-4567.	1.6	26
1425	A space mission to map the entire observable universe using the CMB as a backlight. Experimental Astronomy, 2021, 51, 1555-1591.	1.6	4
1426	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: N-body mock challenge for the eBOSS emission line galaxy sample. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4667-4686.	1.6	22
1427	A study of the H α -I gas fractions of galaxies at $\langle z \rangle \approx 1$. Astronomy and Astrophysics, 2021, 648, A25.	2.1	5

#	ARTICLE	IF	CITATIONS
1428	The splashback boundary of haloes in hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4649-4666.	1.6	24
1429	Interacting galaxies in the IllustrisTNG simulations – III. (The rarity of) quenching in post-merger galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1888-1901.	1.6	25
1430	Gas-phase Metallicity as a Diagnostic of the Drivers of Star Formation on Different Spatial Scales. <i>Astrophysical Journal</i> , 2021, 910, 137.	1.6	15
1431	Gauging the effect of supermassive black holes feedback on quasar host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3890-3908.	1.6	13
1432	Mass and Environment as Drivers of Galaxy Evolution. IV. On the Quenching of Massive Central Disk Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 911, 57.	1.6	12
1433	VINTERGATAN – I. The origins of chemically, kinematically, and structurally distinct discs in a simulated Milky Way-mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5826-5845.	1.6	75
1434	A flexible modelling of galaxy assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5205-5220.	1.6	25
1435	No Dependence of Radio Properties of Brightest Group Galaxies on the Luminosity Gap. <i>Astronomical Journal</i> , 2021, 161, 226.	1.9	1
1436	Hybrid analytic and machine-learned baryonic property insertion into galactic dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4024-4038.	1.6	10
1437	Velocity-dependent J-factors for annihilation radiation from cosmological simulations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 070.	1.9	12
1438	Properties of the ionized CGM and IGM: tests for galaxy formation models from the Sunyaev–Zeldovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5131-5143.	1.6	20
1439	The stellar mass function and evolution of the density profile of galaxy clusters from the Hydrangea simulations at $0 < z < 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1999-2013.	1.6	10
1440	The bright end of the infrared luminosity functions and the abundance of hyperluminous infrared galaxies. <i>Astronomy and Astrophysics</i> , 2021, 648, A8.	2.1	16
1441	Fountains and storms: the effects of AGN feedback and mergers on the evolution of the intracluster medium in the <i>romulus</i> simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3922-3937.	1.6	16
1442	Estimating Lifetimes of UV-selected Massive Galaxies at $0.5 < z < 2.5$ in the COSMOS/UltraVISTA Field through Clustering Analyses. <i>Astrophysical Journal</i> , 2021, 911, 59.	1.6	4
1443	The evolution of the mass–metallicity relations from the VANDELS survey and the <i>gaea</i> semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4481-4492.	1.6	14
1444	Impact of baryons in cosmic shear analyses with tomographic aperture mass statistics. <i>Astronomy and Astrophysics</i> , 2021, 648, A115.	2.1	11
1445	Star formation quenching stages of active and non-active galaxies. <i>Astronomy and Astrophysics</i> , 2021, 648, A64.	2.1	18

#	ARTICLE	IF	CITATIONS
1446	Revealing the physical properties of gas accreting to haloes in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5702-5725.	1.6	24
1447	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
1448	Properties of gas phases around cosmic filaments at $z=0$ in the IllustrisTNG simulation. Astronomy and Astrophysics, 2021, 649, A117.	2.1	30
1449	Voyage through the hidden physics of the cosmic web. Experimental Astronomy, 2021, 51, 1043-1079.	1.6	9
1450	The Thermal Sunyaev-Zeldovich Effect from Massive, Quiescent $0.5 \leq z \leq 1.5$ Galaxies. Astrophysical Journal, 2021, 913, 88.	1.6	11
1451	The SAMI Galaxy Survey: a statistical approach to an optimal classification of stellar kinematics in galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3078-3106.	1.6	22
1452	Responses of Halo Occupation Distributions: a new ingredient in the halo model & the impact on galaxy bias. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 069.	1.9	18
1453	Explaining the scatter in the galaxy mass-metallicity relation with gas flows. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4817-4828.	1.6	17
1454	The morphology of star-forming gas and its alignment with galaxies and dark matter haloes in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 65-87.	1.6	5
1455	Can cosmological simulations capture the diverse satellite populations of observed Milky Way analogues?. Monthly Notices of the Royal Astronomical Society, 2021, 505, 783-801.	1.6	30
1456	Deep Extragalactic Visible Legacy Survey (DEVILS): SED fitting in the D10-COSMOS field and the evolution of the stellar mass function and $SFR \propto M^{\alpha}$ relation. Monthly Notices of the Royal Astronomical Society, 2021, 505, 540-567.	1.6	60
1457	Determination of the escape velocity of the Milky Way using a halo sample selected based on proper motion. Astronomy and Astrophysics, 2021, 649, A136.	2.1	14
1458	Strong lens modelling: comparing and combining Bayesian neural networks and parametric profile fitting. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4362-4382.	1.6	15
1459	The asymptotic tidal remnants of cold dark matter subhaloes. Monthly Notices of the Royal Astronomical Society, 2021, 505, 18-32.	1.6	38
1460	The mass-size relation of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2932-2940.	1.6	6
1461	Revealing the Local Cosmic Web from Galaxies by Deep Learning. Astrophysical Journal, 2021, 913, 76.	1.6	13
1462	Characterizing hydrostatic mass bias with $\langle \text{mock-X} \rangle$. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2533-2550.	1.6	22
1463	Feedback from Active Galactic Nuclei in Galaxy Groups. Universe, 2021, 7, 142.	0.9	49

#	ARTICLE	IF	CITATIONS
1464	Galaxy formation with L-GALAXIES: modelling the environmental dependency of galaxy evolution and comparing with observations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 492-514.	1.6	27
1465	Where infall meets outflows: turbulent dissipation probed by CH ⁺ and Ly α in the starburst/AGN galaxy group SMM J02399+0136 at $z \approx 2.8$. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2551-2573.	1.6	9
1466	Strongly lensed cluster substructures are not in tension with Λ CDM. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1458-1463.	1.6	14
1467	The SAMI Galaxy Survey: the role of disc fading and progenitor bias in kinematic transitions. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2247-2266.	1.6	9
1468	Star ⁺ Gas Misalignment in Galaxies. II. Origins Found from the Horizon-AGN Simulation. Astrophysical Journal, Supplement Series, 2021, 254, 27.	3.0	13
1469	Morphological Types of DM Halos in Milky Way-like Galaxies in the TNG50 Simulation: Simple, Twisted, or Stretched. Astrophysical Journal, 2021, 913, 36.	1.6	15
1470	Simulating Groups and the IntraGroup Medium: The Surprisingly Complex and Rich Middle Ground between Clusters and Galaxies. Universe, 2021, 7, 209.	0.9	46
1471	Local variations of the Stellar Velocity Ellipsoid-I: the disc of galaxies in the Auriga simulations. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1801-1814.	1.6	3
1472	The Uchuu simulations: Data Release 1 and dark matter halo concentrations. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4210-4231.	1.6	108
1473	Revisiting the tension between fast bars and the Λ CDM paradigm. Astronomy and Astrophysics, 2021, 650, L16.	2.1	38
1474	Light, medium-weight, or heavy? The nature of the first supermassive black hole seeds. Monthly Notices of the Royal Astronomical Society, 2021, 506, 613-632.	1.6	29
1475	A new strategy for matching observed and simulated lensing galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1815-1831.	1.6	1
1476	The imprint of cosmic web quenching on central galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4920-4934.	1.6	17
1477	History of the gas fuelling star formation in <i>eagle</i> galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4655-4668.	1.6	7
1478	An observational testbed for cosmological zoom-in simulations: constraining stellar migration in the solar cylinder using asteroseismology. Monthly Notices of the Royal Astronomical Society, 2021, 506, 759-774.	1.6	5
1479	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
1480	The MUSE Hubble Ultra Deep Field Survey. XVI. The angular momentum of low-mass star-forming galaxies: A cautionary tale and insights from TNG50. Astronomy and Astrophysics, 0, , .	2.1	9
1481	Characterizing the signatures of star-forming galaxies in the extragalactic $\hat{\gamma}$ -ray background. Monthly Notices of the Royal Astronomical Society, 2021, 506, 52-72.	1.6	10

#	ARTICLE	IF	CITATIONS
1482	DeepMerge – II. Building robust deep learning algorithms for merging galaxy identification across domains. Monthly Notices of the Royal Astronomical Society, 2021, 506, 677-691.	1.6	23
1483	Does jackknife scale really matter for accurate large-scale structure covariances?. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5833-5845.	1.6	7
1484	The cosmic dispersion measure in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5356-5369.	1.6	5
1485	Gas-phase metallicity gradients of TNG50 star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3024-3048.	1.6	40
1486	AGNIFS survey of local AGN: GMOS-IFU data and outflows in 30 sources. Monthly Notices of the Royal Astronomical Society, 2021, 507, 74-89.	1.6	30
1487	High-resolution synthetic UV-submm images for simulated Milky Way-type galaxies from the Auriga project. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5703-5720.	1.6	18
1488	The impact of turbulent mixing on the galactic r-process enrichment by binary neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4374-4388.	1.6	6
1489	mirkwood: Fast and Accurate SED Modeling Using Machine Learning. Astrophysical Journal, 2021, 916, 43.	1.6	16
1490	Effects of Spatial Discretization in Ly \pm Line Radiation Transfer Simulations. Astrophysical Journal, 2021, 916, 39.	1.6	11
1491	The physical origins and dominant emission mechanisms of Lyman alpha haloes: results from the TNG50 simulation in comparison to MUSE observations. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5129-5152.	1.6	38
1492	Unveiling the atomic hydrogen halo mass relation via spectral stacking. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4893-4913.	1.6	14
1493	The CAMELS Project: Cosmology and Astrophysics with Machine-learning Simulations. Astrophysical Journal, 2021, 915, 71.	1.6	113
1494	Quenched fractions in the IllustrisTNG simulations: comparison with observations and other theoretical models. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4760-4780.	1.6	66
1495	Simulating cosmic structure formation with the <code>gadget-4</code> code. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2871-2949.	1.6	130
1496	Mapping large-scale-structure evolution over cosmic times. Experimental Astronomy, 2021, 51, 1593-1622.	1.6	4
1497	Differences in galaxy colours are not just about the mass. Nature Astronomy, 2021, 5, 984-985.	4.2	1
1498	Host galaxies of high-redshift quasars: SMBH growth and feedback. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1-26.	1.6	29
1499	Testing the tidal stripping scenario of ultracompact dwarf galaxy formation by using internal properties. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2459-2470.	1.6	3

#	ARTICLE	IF	CITATIONS
1500	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
1501	Efficient early stellar feedback can suppress galactic outflows by reducing supernova clustering. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3882-3915.	1.6	48
1502	Microwave spectro-polarimetry of matter and radiation across space and time. Experimental Astronomy, 2021, 51, 1471-1514.	1.6	15
1503	Mixing matters. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2836-2852.	1.6	14
1504	Introducing the NEWHORIZON simulation: Galaxy properties with resolved internal dynamics across cosmic time. Astronomy and Astrophysics, 2021, 651, A109.	2.1	88
1505	The origin of galaxy colour bimodality in the scatter of the stellar-to-halo mass relation. Nature Astronomy, 2021, 5, 1069-1076.	4.2	33
1506	The OTELO Survey: The Star Formation Rate Evolution of Low-mass Galaxies. Astrophysical Journal Letters, 2021, 915, L17.	3.0	0
1507	The BACCO simulation project: a baryonification emulator with neural networks. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4070-4082.	1.6	40
1508	The assembly bias of emission-line galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3155-3168.	1.6	7
1509	Statistical strong lensing. Astronomy and Astrophysics, 2021, 651, A18.	2.1	19
1510	Evolution of the galaxy stellar mass function: evidence for an increasing $\langle M \rangle$ from $z = 2$ to the present day. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4933-4951.	1.6	19
1511	Rise and fall of post-starburst galaxies in <i>Magneticum Pathfinder</i> . Monthly Notices of the Royal Astronomical Society, 2021, 506, 4516-4542.	1.6	17
1512	Simulations of globular clusters within their parent galaxies: Metallicity spreads and anomalous precursor populations. Monthly Notices of the Royal Astronomical Society, 2021, 507, 834-851.	1.6	9
1513	IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. Astrophysical Journal, 2021, 915, 53.	1.6	19
1514	An Improved and Physically Motivated Scheme for Matching Galaxies with Dark Matter Halos. Astrophysical Journal, 2021, 917, 66.	1.6	3
1515	An Empirical Determination of the Dependence of the Circumgalactic Mass Cooling Rate and Feedback Mass Loading Factor on Galactic Stellar Mass. Astrophysical Journal, 2021, 916, 101.	1.6	5
1516	Inferring the Morphology of Stellar Distribution in TNG50: Twisted and Twisted-stretched Shapes. Astrophysical Journal, 2021, 918, 7.	1.6	9
1517	Mapping accreted stars in early-type galaxies across the mass-size plane. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3089-3112.	1.6	13

#	ARTICLE	IF	CITATIONS
1518	A sparse regression approach to modelling the relation between galaxy stellar masses and their host haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4584-4602.	1.6	7
1519	Spatially resolved star formation and inside-out quenching in the TNG50 simulation and 3D-HST observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 219-235.	1.6	56
1520	The survival of globular clusters in a cuspy Fornax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2339-2353.	1.6	13
1521	Galaxy Evolution Probe. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.0	12
1522	Testing galaxy formation and dark matter with low surface brightness galaxies. <i>Studies in History and Philosophy of Science Part A</i> , 2021, 88, 220-236.	0.6	7
1523	The role of AGN feedback in the structure, kinematics, and evolution of ETGs in Horizon simulations. <i>Astronomy and Astrophysics</i> , 2021, 652, A44.	2.1	5
1524	A universal relation between the properties of supermassive black holes, galaxies, and dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4274-4293.	1.6	19
1525	The emergence of passive galaxies in the early Universe. <i>Astronomy and Astrophysics</i> , 2021, 652, A30.	2.1	27
1526	Galaxy bias from forward models: linear and second-order bias of IllustrisTNG galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 029.	1.9	31
1527	The low-redshift circumgalactic medium in <sc>simba</sc>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2383-2404.	1.6	24
1528	How well is angular momentum accretion modelled in semi-analytic galaxy formation models?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4241-4261.	1.6	1
1529	Do galaxies die? Different views from simulations and observations in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5108-5116.	1.6	11
1530	Impact of gas-based seeding on supermassive black hole populations at <i>z</i> ≈ 7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2012-2036.	1.6	5
1531	Neutrinos from the cosmic noon: a probe of the cosmic star formation history. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 019.	1.9	6
1532	MAHGIC: a Model Adapter for the Haloâ€“Galaxy Inter-Connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2510-2530.	1.6	6
1533	Satellites around Milky Way Analogs: Tension in the Number and Fraction of Quiescent Satellites Seen in Observations versus Simulations. <i>Astrophysical Journal Letters</i> , 2021, 916, L19.	3.0	19
1534	Cosmological Simulations of Quasar Fueling to Subparsec Scales Using Lagrangian Hyper-refinement. <i>Astrophysical Journal</i> , 2021, 917, 53.	1.6	49
1535	WALLABY Pre-Pilot Survey: the effects of angular momentum and environment on the H&%lt;sc>i</sc> gas and star formation properties of galaxies in the Eridanus supergroup. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2949-2967.	1.6	8

#	ARTICLE	IF	CITATIONS
1536	HST grism spectroscopy of $z \sim 3$ massive quiescent galaxies. <i>Astronomy and Astrophysics</i> , 2021, 653, A32.	2.1	20
1537	Star formation in the nearby dwarf galaxy DDO 53: interplay between gas accretion and stellar feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2650-2667.	1.6	10
1538	Predictions for anisotropic X-ray signatures in the circumgalactic medium: imprints of supermassive black hole driven outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1563-1581.	1.6	21
1539	Galaxy assembly bias and large-scale distribution: a comparison between IllustrisTNG and a semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 698-718.	1.6	22
1540	Ionized Gas Outflows in Low-excitation Radio Galaxies Are Radiation Driven. <i>Astrophysical Journal</i> , 2021, 918, 65.	1.6	10
1541	The importance of mock observations in validating galaxy properties for cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3321-3336.	1.6	4
1542	Merger or Not: Accounting for Human Biases in Identifying Galactic Merger Signatures. <i>Astrophysical Journal</i> , 2021, 919, 43.	1.6	6
1543	Mitigating baryonic effects with a theoretical error covariance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5592-5601.	1.6	1
1544	Ultra-light dark matter. <i>Astronomy and Astrophysics Review</i> , 2021, 29, 1.	9.1	150
1545	The importance of galaxy formation histories in models of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3872-3887.	1.6	14
1546	Semi-analytic forecasts for $z \sim 6$ V. AGN luminosity functions and helium reionization at $z \sim 7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2706-2729.	1.6	25
1547	A geostatistical analysis of multiscale metallicity variations in galaxies. I. Introduction and comparison of high-resolution metallicity maps to an analytical metal transport model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 489-507.	1.6	11
1548	The OBELISK simulation: Galaxies contribute more than AGN to $H\alpha$ reionization of protoclusters. <i>Astronomy and Astrophysics</i> , 2021, 653, A154.	2.1	37
1549	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2021, 653, A111.	2.1	26
1550	The Hot Circumgalactic Medium of the Milky Way: Evidence for Supervirial, Virial, and Subvirial Temperatures; Nonsolar Chemical Composition; and Nonthermal Line Broadening. <i>Astrophysical Journal</i> , 2021, 918, 83.	1.6	20
1551	The Observed Cosmic Star Formation Rate Density Has an Evolution that Resembles a $\hat{\Gamma}(a, bt)$ Distribution and Can Be Described Successfully by Only Two Parameters. <i>Astrophysical Journal</i> , 2021, 919, 88.	1.6	10
1552	Resolved Neutral Outflow from a Lensed Dusty Star-forming Galaxy at $z = 2.09$. <i>Astrophysical Journal</i> , 2021, 919, 5.	1.6	7
1553	Probing the physical properties of the intergalactic medium using blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1701-1718.	1.6	4

#	ARTICLE	IF	CITATIONS
1554	Evolving beyond $z=0$: insights about the future of stars and the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5432-5450.	1.6	2
1555	The SAMI Galaxy Survey: Detection of Environmental Dependence of Galaxy Spin in Observations and Simulations Using Marked Correlation Functions. Astrophysical Journal, 2021, 918, 84.	1.6	4
1556	A flexible subhalo abundance matching model for galaxy clustering in redshift space. Monthly Notices of the Royal Astronomical Society, 2021, 508, 175-189.	1.6	26
1557	Predicting halo occupation and galaxy assembly bias with machine learning. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4879-4899.	1.6	16
1558	Fast galaxy bars continue to challenge standard cosmology. Monthly Notices of the Royal Astronomical Society, 2021, 508, 926-939.	1.6	36
1559	The SAMI galaxy survey: Mass and environment as independent drivers of galaxy dynamics. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2307-2328.	1.6	18
1560	Taking snapshots of the jet-ISM interplay: The case of PKS 0023+26. Astronomy and Astrophysics, 2021, 656, A55.	2.1	19
1561	Progenitor-mass-dependent yields amplify intrinsic scatter in dwarf-galaxy elemental abundance ratios. Monthly Notices of the Royal Astronomical Society, 2021, 508, 508-515.	1.6	6
1562	Discovery of a multi-phase OVI and OVII absorber in the circumgalactic/intergalactic transition region. Astronomy and Astrophysics, 0, , .	2.1	5
1563	Do we need soft cosmology?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136649.	1.5	8
1564	Cosmic metal density evolution in neutral gas: insights from observations and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3535-3550.	1.6	16
1565	The Dawes Review 9: The role of cold gas stripping on the star formation quenching of satellite galaxies. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	101
1566	Rivers of gas – I. Unveiling the properties of high redshift filaments. Monthly Notices of the Royal Astronomical Society, 2021, 502, 351-368.	1.6	15
1567	A high-resolution cosmological simulation of a strong gravitational lens. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4657-4668.	1.6	12
1568	powderday: Dust Radiative Transfer for Galaxy Simulations. Astrophysical Journal, Supplement Series, 2021, 252, 12.	3.0	35
1569	Simulated X-ray emission in galaxy clusters with feedback from active galactic nuclei. Astronomische Nachrichten, 2021, 342, 164-170.	0.6	2
1570	LYRA I: Simulating the multi-phase ISM of a dwarf galaxy with variable energy supernovae from individual stars. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	35
1571	The effect of magnetic fields on properties of the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4888-4902.	1.6	62

#	ARTICLE	IF	CITATIONS
1572	Comparing galaxy formation in the L-GALAXIES semi-analytical model and the IllustrisTNG simulations. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1051-1069.	1.6	22
1573	The Origin of Galaxy Scaling Laws in LCDM. Thirty Years of Astronomical Discovery With UKIRT, 2019, , 103-108.	0.3	2
1574	Explaining the Formation of Bulges with MOND. Astrophysics and Space Science Library, 2016, , 413-428.	1.0	5
1575	Gas Accretion and Galactic Chemical Evolution: Theory and Observations. Astrophysics and Space Science Library, 2017, , 221-248.	1.0	16
1576	Observational Diagnostics of Gas Flows: Insights from Cosmological Simulations. Astrophysics and Space Science Library, 2017, , 271-300.	1.0	5
1577	The Effect of Galactic Feedback on Gas Accretion and Wind Recycling. Astrophysics and Space Science Library, 2017, , 301-321.	1.0	19
1578	Gas Accretion via Condensation and Fountains. Astrophysics and Space Science Library, 2017, , 323-353.	1.0	66
1579	Gas Accretion and Star Formation Rates. Astrophysics and Space Science Library, 2017, , 67-94.	1.0	12
1580	Outskirts of Nearby Disk Galaxies: Star Formation and Stellar Populations. Astrophysics and Space Science Library, 2017, , 115-143.	1.0	5
1582	Evidence for the inside-out growth of the stellar mass distribution in galaxy clusters since $z \sim 1$. Astronomy and Astrophysics, 2015, 577, A19.	2.1	49
1583	Deep MUSE observations in the HDFs. Astronomy and Astrophysics, 2016, 591, A49.	2.1	67
1584	Large-scale outflows in luminous QSOs revisited. Astronomy and Astrophysics, 2016, 594, A44.	2.1	70
1585	Distribution of phantom dark matter in dwarf spheroidals. Astronomy and Astrophysics, 2020, 640, A26.	2.1	3
1586	Correlation function: biasing and fractal properties of the cosmic web. Astronomy and Astrophysics, 2020, 640, A47.	2.1	8
1587	Detection capabilities of the Athena X-IFU for the warm-hot intergalactic medium using gamma-ray burst X-ray afterglows. Astronomy and Astrophysics, 2020, 642, A24.	2.1	7
1588	Populations of filaments from the distribution of galaxies in numerical simulations. Astronomy and Astrophysics, 2020, 641, A173.	2.1	34
1589	Towards a consistent framework of comparing galaxy mergers in observations and simulations. Astronomy and Astrophysics, 2020, 644, A87.	2.1	15
1590	The stellar halos of ETCs in the IllustrisTNG simulations: The photometric and kinematic diversity of galaxies at large radii. Astronomy and Astrophysics, 2020, 641, A60.	2.1	33

#	ARTICLE	IF	CITATIONS
1591	Multiphase feedback processes in the Sy2 galaxy NGC 5643. <i>Astronomy and Astrophysics</i> , 2021, 645, A21.	2.1	26
1592	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A7.	2.1	23
1593	Massive disc galaxies too dominated by dark matter in cosmological hydrodynamical simulations. <i>Astronomy and Astrophysics</i> , 2020, 640, A70.	2.1	20
1594	Nonparametric galaxy morphology from UV to submm wavelengths. <i>Astronomy and Astrophysics</i> , 2020, 641, A119.	2.1	17
1595	Mock catalogs for the extragalactic X-ray sky: Simulating AGN surveys with ATHENA and with the AXIS probe. <i>Astronomy and Astrophysics</i> , 2020, 642, A184.	2.1	25
1596	Self-generated ultraviolet radiation in molecular shock waves. <i>Astronomy and Astrophysics</i> , 2020, 643, A101.	2.1	18
1597	KiDS+GAMA: The weak lensing calibrated stellar-to-halo mass relation of central and satellite galaxies. <i>Astronomy and Astrophysics</i> , 2020, 642, A83.	2.1	10
1598	Excitation and acceleration of molecular outflows in LIRGs: The extended ESO 320-G030 outflow on 200-pc scales. <i>Astronomy and Astrophysics</i> , 2020, 643, A89.	2.1	7
1599	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 643, A90.	2.1	13
1600	The impact of mass map truncation on strong lensing simulations. <i>Astronomy and Astrophysics</i> , 2020, 644, A108.	2.1	9
1601	Imprint of baryons and massive neutrinos on velocity statistics. <i>Astronomy and Astrophysics</i> , 2020, 644, A170.	2.1	5
1602	The kinematics of young and old stellar populations in nuclear rings of MUSE TIMER galaxies. <i>Astronomy and Astrophysics</i> , 2020, 644, A116.	2.1	5
1603	Can a conditioning on stellar mass explain the mutual information between morphology and environment?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 039-039.	1.9	6
1604	Effective photon mass and (dark) photon conversion in the inhomogeneous Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 011-011.	1.9	23
1605	Informing dark matter direct detection limits with the ARTEMIS simulations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 016-016.	1.9	10
1606	Galaxy bias and primordial non-Gaussianity: insights from galaxy formation simulations with IllustrisTNG. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 013-013.	1.9	32
1607	The intrinsic SFRF and sSFRF of galaxies: comparing SDSS observation with IllustrisTNG simulation. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 195.	0.7	12
1608	The impact of quenching on galaxy profiles in the <scp>simba</scp> simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6053-6071.	1.6	43

#	ARTICLE	IF	CITATIONS
1609	MAMMOTH: confirmation of two massive galaxy overdensities at $\langle i \rangle_z \langle i \rangle = 2.24$ with H α emitters. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4354-4364.	1.6	14
1610	simba: the average properties of the circumgalactic medium of 2% 3 quasars are determined primarily by stellar feedback. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2760-2784.	1.6	18
1611	Evidence from APOGEE for the presence of a major building block of the halo buried in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1385-1403.	1.6	104
1612	NIHAO XXV. Convergence in the cusp-core transformation of cold dark matter haloes at high star formation thresholds. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2648-2661.	1.6	23
1613	The effects of subgrid models on the properties of giant molecular clouds in galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5862-5872.	1.6	20
1614	Reconciling galaxy cluster shapes, measured by theorists versus observers. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2627-2644.	1.6	11
1615	Global H α asymmetries in IllustrisTNG: a diversity of physical processes disturb the cold gas in galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5205-5219.	1.6	21
1616	The changing circumgalactic medium over the last 10 Gyr I. Physical and dynamical properties. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1476-1490.	1.6	9
1617	Cosmological simulations of the same spiral galaxy: the impact of baryonic physics. Monthly Notices of the Royal Astronomical Society, 2020, 501, 62-77.	1.6	15
1618	From lenticulars to blue compact dwarfs: the stellar mass fraction is regulated by disc gravitational instability. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5656-5664.	1.6	20
1619	The LBT satellites of Nearby Galaxies Survey (LBT-SONG): the satellite population of NGC 628. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3854-3869.	1.6	25
1620	Simulating the interstellar medium of galaxies with radiative transfer, non-equilibrium thermochemistry, and dust. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5732-5748.	1.6	27
1621	Evaluating hydrodynamical simulations with green valley galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3685-3702.	1.6	11
1622	Compact galaxies and the size-mass galaxy distribution from a colour-selected sample at $0.04 < z < 0.15$ supplemented by ugrizYJK photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1557-1574.	1.6	8
1623	Extreme kinematic misalignment in IllustrisTNG galaxies: the origin, structure, and internal dynamics of galaxies with a large-scale counterrotation. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3870-3888.	1.6	29
1624	First Light And Reionization Epoch Simulations (FLARES) I. Environmental dependence of high-redshift galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2127-2145.	1.6	59
1625	The mass assembly of high-redshift black holes. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2146-2158.	1.6	19
1626	Self-interacting dark matter and the delay of supermassive black hole growth. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2177-2187.	1.6	8

#	ARTICLE	IF	CITATIONS
1627	Connecting cosmological accretion to strong Ly α absorbers. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2741-2756.	1.6	12
1628	The rocky road to quiescence: compaction and quenching of quasar host galaxies at $z \approx 2$. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3667-3688.	1.6	30
1629	A population of galaxy-scale jets discovered using LOFAR. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4921-4936.	1.6	20
1630	The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at $z \approx 2$. Monthly Notices of the Royal Astronomical Society, 2020, 501, 137-145.	1.6	8
1631	The distinct stellar-to-halo mass relations of satellite and central galaxies: insights from the IllustrisTNG simulations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3957-3975.	1.6	32
1632	Spatially offset black holes in the Horizon-AGN simulation and comparison to observations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4639-4657.	1.6	11
1633	Linking globular cluster formation at low and high redshift through the age-metallicity relation in E-MOSAICS. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4768-4778.	1.6	13
1634	Stellar splashback: the edge of the intracluster light. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4181-4192.	1.6	22
1635	Molecular hydrogen in IllustrisTNG galaxies: carefully comparing signatures of environment with local CO and SFR data. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3158-3178.	1.6	25
1636	Is there enough star formation in simulated protoclusters?. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1803-1822.	1.6	17
1637	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
1638	First Light And Reionisation Epoch Simulations (FLARES) II: The Photometric Properties of High-Redshift Galaxies. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	46
1639	Contribution of stripped nuclei to the ultracompact dwarf galaxy population in the Virgo cluster. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1852-1867.	1.6	6
1640	EMERGE: Empirical predictions of galaxy merger rates since $z \approx 6$. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	25
1641	Realistic mock observations of the sizes and stellar mass surface densities of massive galaxies in FIRE-2 zoom-in simulations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1591-1602.	1.6	29
1642	Higher order initial conditions for mixed baryon- Λ CDM simulations. Monthly Notices of the Royal Astronomical Society, 2021, 503, 426-445.	1.6	18
1643	Extensions to models of the galaxy-halo connection. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1603-1620.	1.6	36
1644	A homogeneous measurement of the delay between the onsets of gas stripping and star formation quenching in satellite galaxies of groups and clusters. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5073-5095.	1.6	32

#	ARTICLE	IF	CITATIONS
1645	A deep learning approach to test the small-scale galaxy morphology and its relationship with star formation activity in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4359-4382.	1.6	38
1646	Correlations between supermassive black holes and hot gas atmospheres in IllustrisTNG and X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2210-2230.	1.6	22
1647	The twisted dark matter halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 6033-6048.	1.6	16
1648	Determining star formation rates in active galactic nuclei hosts via stellar population synthesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4064-4079.	1.6	26
1649	The impact of modified gravity on the Sunyaev-Zeldovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4565-4578.	1.6	22
1650	The surprising accuracy of isothermal Jeans modelling of self-interacting dark matter density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4610-4634.	1.6	34
1651	Beyond halo mass: quenching galaxy mass assembly at the edge of filaments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4635-4656.	1.6	24
1652	Baryons shaping dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5679-5691.	1.6	15
1653	Baryonic effects on the detectability of annihilation radiation from dark matter subhaloes around the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	17
1654	Dust evolution in zoom-in cosmological simulations of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 511-532.	1.6	25
1655	High-redshift star formation in the Atacama large millimetre/submillimetre array era. <i>Royal Society Open Science</i> , 2020, 7, 200556.	1.1	116
1656	Blinded challenge for precision cosmology with large-scale structure: Results from effective field theory for the redshift-space galaxy power spectrum. <i>Physical Review D</i> , 2020, 102, .	1.6	86
1657	Modelling baryonic feedback for survey cosmology. , 2019, 2, .		103
1658	swiftsimio: A Python library for reading SWIFT data. <i>Journal of Open Source Software</i> , 2020, 5, 2430.	2.0	29
1659	STELLAR AND BLACK HOLE MASS DENSITIES AS EMPIRICAL TRACERS OF CO-EVOLUTION SHOW LOCK-STEP GROWTH SINCE $Z \approx 3$. <i>Astrophysical Journal</i> , 2016, 826, 67.	1.6	4
1660	The ALMA Spectroscopic Survey in the HUDF: the Molecular Gas Content of Galaxies and Tensions with IllustrisTNG and the Santa Cruz SAM. <i>Astrophysical Journal</i> , 2019, 882, 137.	1.6	65
1661	Mind the Gap: Is the Too Big to Fail Problem Resolved?. <i>Astrophysical Journal</i> , 2019, 885, 97.	1.6	8
1662	The COS CGM Compendium. III. Metallicity and Physical Properties of the Cool Circumgalactic Medium at $z \approx 1$. <i>Astrophysical Journal</i> , 2019, 887, 5.	1.6	36

#	ARTICLE	IF	CITATIONS
1663	On the Role of the Hot Feedback Mode in Active Galactic Nuclei Feedback in an Elliptical Galaxy. <i>Astrophysical Journal</i> , 2019, 885, 16.	1.6	13
1664	Kinematics of the O vi Circumgalactic Medium: Halo Mass Dependence and Outflow Signatures. <i>Astrophysical Journal</i> , 2019, 886, 66.	1.6	12
1665	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z=1.4-3.8$. <i>Astrophysical Journal</i> , 2019, 886, 11.	1.6	50
1666	On the Prospect of Using the Maximum Circular Velocity of Halos to Encapsulate Assembly Bias in the Galaxy-Halo Connection. <i>Astrophysical Journal</i> , 2019, 887, 17.	1.6	19
1667	Tracing the Formation of Molecular Clouds in a Low-metallicity Galaxy: An H i Narrow Self-absorption Survey of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 887, 242.	1.6	3
1668	Stellar Feedback and Resolved Stellar IFU Spectroscopy in the Nearby Spiral Galaxy NGC 300. <i>Astrophysical Journal</i> , 2020, 891, 25.	1.6	35
1669	The MBHBM Project. I. Measurement of the Central Black Hole Mass in Spiral Galaxy NGC 3504 Using Molecular Gas Kinematics. <i>Astrophysical Journal</i> , 2020, 892, 68.	1.6	24
1670	Chromium Nucleosynthesis and Silicon-Carbon Shell Mergers in Massive Stars. <i>Astrophysical Journal</i> , 2020, 892, 57.	1.6	4
1671	Kinematics and Dynamics of Multiphase Outflows in Simulations of the Star-forming Galactic Interstellar Medium. <i>Astrophysical Journal</i> , 2020, 894, 12.	1.6	26
1672	From Nuclear to Circumgalactic: Zooming in on AGN-driven Outflows at $z \sim 2.2$ with SINFONI. <i>Astrophysical Journal</i> , 2020, 894, 28.	1.6	21
1673	Star-Gas Misalignment in Galaxies. I. The Properties of Galaxies from the Horizon-AGN Simulation and Comparisons to SAMI. <i>Astrophysical Journal</i> , 2020, 894, 106.	1.6	16
1674	The Physical Nature of Starburst-driven Galactic Outflows. <i>Astrophysical Journal</i> , 2020, 895, 43.	1.6	83
1675	Correlations between Black Holes and Host Galaxies in the Illustris and IllustrisTNG Simulations. <i>Astrophysical Journal</i> , 2020, 895, 102.	1.6	24
1676	Galaxy Merger Rates up to $z \sim 3$ Using a Bayesian Deep Learning Model: A Major-merger Classifier Using IllustrisTNG Simulation Data. <i>Astrophysical Journal</i> , 2020, 895, 115.	1.6	54
1677	Fitting the Nonlinear Matter Bispectrum by the Halofit Approach. <i>Astrophysical Journal</i> , 2020, 895, 113.	1.6	33
1678	Testing the Fidelity of Simulations of Black Hole-Galaxy Coevolution at $z \sim 1.5$ with Observations. <i>Astrophysical Journal</i> , 2020, 896, 159.	1.6	7
1679	Selection of Massive Evolved Galaxies at $3 \leq z \leq 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , 2020, 897, 44.	1.6	16
1680	Toward a General Parameterization of the Warm Dark Matter Halo Mass Function. <i>Astrophysical Journal</i> , 2020, 897, 147.	1.6	19

#	ARTICLE	IF	CITATIONS
1681	On the Determination of Rotation Velocity and Dynamical Mass of Galaxies Based on Integrated H I Spectra. <i>Astrophysical Journal</i> , 2020, 898, 102.	1.6	18
1682	Galaxy and Mass Assembly (GAMA): Demonstrating the Power of WISE in the Study of Galaxy Groups to $z \lesssim 0.1$. <i>Astrophysical Journal</i> , 2020, 898, 20.	1.6	21
1683	How Do Supernovae Impact the Circumgalactic Medium? I. Large-scale Fountains around a Milky Way-like Galaxy. <i>Astrophysical Journal</i> , 2020, 898, 148.	1.6	31
1684	The Morphology–Density Relationship in $1 \lesssim z \lesssim 2$ Clusters. <i>Astrophysical Journal</i> , 2020, 899, 85.	1.6	20
1685	Dark Matter Deficient Galaxies Produced via High-velocity Galaxy Collisions in High-resolution Numerical Simulations. <i>Astrophysical Journal</i> , 2020, 899, 25.	1.6	31
1686	Project AMIGA: The Circumgalactic Medium of Andromeda*. <i>Astrophysical Journal</i> , 2020, 900, 9.	1.6	48
1687	The Star Formation Rate–Radius Connection: Data and Implications for Wind Strength and Halo Concentration. <i>Astrophysical Journal</i> , 2020, 899, 93.	1.6	8
1688	A Universal Fundamental Plane and the $M_{\text{dyn}} \sim M_{\text{star}}$ Relation for Galaxies with CALIFA and MaNGA. <i>Astrophysical Journal</i> , 2020, 900, 109.	1.6	21
1689	Gas Content Regulates the Life Cycle of Star Formation and Black Hole Accretion in Galaxies. <i>Astrophysical Journal</i> , 2020, 901, 42.	1.6	33
1690	Constraints on Dynamical Dark Energy Models from the Abundance of Massive Galaxies at High Redshifts. <i>Astrophysical Journal</i> , 2020, 900, 108.	1.6	9
1691	Some Die Filthy Rich: The Diverse Molecular Gas Contents of Post-starburst Galaxies Probed by Dust Absorption. <i>Astrophysical Journal</i> , 2020, 900, 107.	1.6	14
1692	Defining the (Black Hole)–Spheroid Connection with the Discovery of Morphology-dependent Substructure in the $M_{\text{BH}} \sim n_{\text{sph}}$ and $M_{\text{BH}} \sim R_{\text{e,sph}}$ Diagrams: New Tests for Advanced Theories and Realistic Simulations. <i>Astrophysical Journal</i> , 2020, 903, 97.	1.6	15
1693	A Multiwavelength Analysis of the Faint Radio Sky (COSMOS-XS): the Nature of the Ultra-faint Radio Population. <i>Astrophysical Journal</i> , 2020, 903, 139.	1.6	28
1694	An ALMA Survey of the SCUBA-2 Cosmology Legacy Survey UKIDSS/UDS Field: The Far-infrared/Radio Correlation for High-redshift Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 903, 138.	1.6	15
1695	Constraints on Circumgalactic Media from Sunyaev–Zeldovich Effects and X-Ray Data. <i>Astrophysical Journal</i> , 2020, 903, 26.	1.6	6
1696	Teaching Neural Networks to Generate Fast Sunyaev–Zeldovich Maps. <i>Astrophysical Journal</i> , 2020, 902, 129.	1.6	14
1697	The Massive Ancient Galaxies at $z \gtrsim 3$ Near-infrared (MAGAZ3NE) Survey: Confirmation of Extremely Rapid Star Formation and Quenching Timescales for Massive Galaxies in the Early Universe*. <i>Astrophysical Journal</i> , 2020, 903, 47.	1.6	60
1698	Local and Global Gas Metallicity versus Stellar Age Relation in MaNGA Galaxies. <i>Astrophysical Journal</i> , 2020, 903, 52.	1.6	10

#	ARTICLE	IF	CITATIONS
1699	The Impact of Outflows Driven by Active Galactic Nuclei on Metals in and around Galaxies. <i>Astrophysical Journal</i> , 2020, 904, 8.	1.6	9
1700	Massive Black Hole Merger Rates: The Effect of Kiloparsec Separation Wandering and Supernova Feedback. <i>Astrophysical Journal</i> , 2020, 904, 16.	1.6	47
1701	The Subaru HSC Galaxy Clustering with Photometric Redshift. I. Dark Halo Masses versus Baryonic Properties of Galaxies at $0.3 \leq z \leq 1.4$. <i>Astrophysical Journal</i> , 2020, 904, 128.	1.6	15
1702	Biases and Cosmic Variance in Molecular Gas Abundance Measurements at High Redshift. <i>Astrophysical Journal</i> , 2020, 904, 127.	1.6	12
1703	The Clustering of Submillimeter Galaxies Detected with ALMA. <i>Astrophysical Journal</i> , 2020, 904, 2.	1.6	14
1704	Barred Galaxies in the IllustrisTNG Simulation. <i>Astrophysical Journal</i> , 2020, 904, 170.	1.6	27
1705	Morphological and Rotation Structures of Circumgalactic Mg II Gas in the EAGLE Simulation and the Dependence on Galaxy Properties. <i>Astrophysical Journal</i> , 2020, 904, 76.	1.6	19
1706	Supermassive Black Hole Fueling in IllustrisTNG: Impact of Environment. <i>Astrophysical Journal</i> , 2020, 904, 150.	1.6	8
1707	Mg II and Fe II Fluxes of Luminous Quasars at $z \sim 2.7$ and the Evaluation of the Baldwin Effect in the Flux-to-abundance Conversion Method for Quasars. <i>Astrophysical Journal</i> , 2020, 904, 162.	1.6	10
1708	First Results from SMAUG: The Need for Preventative Stellar Feedback and Improved Baryon Cycling in Semianalytic Models of Galaxy Formation. <i>Astrophysical Journal</i> , 2020, 905, 4.	1.6	25
1709	Biasing Relation, Environmental Dependencies, and Estimation of the Growth Rate from Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 905, 47.	1.6	3
1710	The Sejong Suite: Cosmological Hydrodynamical Simulations with Massive Neutrinos, Dark Radiation, and Warm Dark Matter. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 19.	3.0	10
1711	A Gaia-Enceladus Analog in the EAGLE Simulation: Insights into the Early Evolution of the Milky Way. <i>Astrophysical Journal Letters</i> , 2019, 883, L5.	3.0	40
1712	Quantifying the Effect of Black Hole Feedback from the Central Galaxy on the Satellite Populations of Groups and Clusters. <i>Astrophysical Journal Letters</i> , 2019, 884, L45.	3.0	8
1713	Simple Yet Powerful: Hot Galactic Outflows Driven by Supernovae. <i>Astrophysical Journal Letters</i> , 2020, 890, L30.	3.0	33
1714	FOREVER22: galaxy formation in protocluster regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4037-4057.	1.6	21
1715	SEAGLE III: Towards resolving the mismatch in the dark-matter fraction in early-type galaxies between simulations and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1245-1251.	1.6	3
1716	Bringing faint active galactic nuclei (AGNs) to light: a view from large-scale cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4816-4843.	1.6	8

#	ARTICLE	IF	CITATIONS
1717	Formation and evolution of binary neutron stars: mergers and their host galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1557-1586.	1.6	17
1718	A first estimate of the Milky Way dark matter halo spin. Astronomy and Astrophysics, 2022, 657, A15.	2.1	11
1719	The tidal evolution of the Fornax dwarf spheroidal and its globular clusters. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5330-5339.	1.6	9
1720	The Evolutionary Pathways of Disk-, Bulge-, and Halo-dominated Galaxies. Astrophysical Journal, 2021, 919, 135.	1.6	15
1721	The role of mergers and gas accretion in black hole growth and galaxy evolution. Research in Astronomy and Astrophysics, 2021, 21, 212.	0.7	7
1722	Extended Hernquist-Springel formalism for cosmic star formation. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	1
1723	SDSS-IV MaNGA: drivers of stellar metallicity in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4844-4857.	1.6	12
1724	Testing the Sunyaev-Zeldovich-based tomographic approach to the thermal history of the Universe with pressure-density cross correlations: Insights from the Magneticum simulation. Physical Review D, 2021, 104, .	1.6	6
1725	Using the EAGLE simulations to elucidate the origin of disc surface brightness profile breaks as a function of mass and environment. Monthly Notices of the Royal Astronomical Society, 2021, 509, 261-271.	1.6	5
1726	Toward Precise Galaxy Evolution: A Comparison between Spectral Indices of $z \sim 1$ Galaxies in the IllustrisTNG Simulation and the LEGA-C Survey. Astronomical Journal, 2021, 162, 201.	1.9	9
1727	Radial stellar populations of AGN-host dwarf galaxies in SDSS-IV MaNGA survey. Research in Astronomy and Astrophysics, 2021, 21, 204.	0.7	2
1728	MUSEQuBES: characterizing the circumgalactic medium of redshift $z \sim 3.3$ Ly α emitters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5612-5637.	1.6	17
1729	From EMBER to FIRE: predicting high resolution baryon fields from dark matter simulations with deep learning. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1323-1341.	1.6	9
1730	The Star Formation History of a Post-starburst Galaxy Determined from Its Cluster Population. Astrophysical Journal, 2021, 920, 105.	1.6	5
1731	Predicting far-infrared maps of galaxies via machine learning techniques. Astronomy and Astrophysics, 2021, 655, A34.	2.1	0
1732	The Fornax Cluster VLT Spectroscopic Survey. IV. Cold kinematical substructures in the Fornax core from COSTA. Astronomy and Astrophysics, 0, , .	2.1	6
1733	Galaxy Formation and Evolution. Space Sciences Series of ISSI, 2016, , 81-111.	0.0	0
1734	Hydrangea: Simulating a Representative Population of Massive Galaxy Clusters. , 2016, , 21-32.		0

#	ARTICLE	IF	CITATIONS
1735	The New Boundaries of the Galaxy Concept. Astrophysics and Space Science Library, 2016, , 509-583.	1.0	0
1737	Chemodynamical Evolution of Dwarf Galaxies. Springer Theses, 2019, , 49-69.	0.0	0
1739	Growth and feedback from the first black holes. , 2019, , 177-194.		1
1740	Key dynamical results from the SAMI Galaxy Survey. Proceedings of the International Astronomical Union, 2019, 14, 213-221.	0.0	0
1741	Arcus: the soft x-ray grating explorer. , 2019, , .		8
1742	Do AGN really suppress star formation?. Proceedings of the International Astronomical Union, 2019, 15, 199-203.	0.0	1
1743	Establishing the impact of powerful AGN on their host galaxies. Proceedings of the International Astronomical Union, 2019, 15, 203-211.	0.0	0
1744	Spectro-imaging forward model of red and blue galaxies. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 050-050.	1.9	7
1745	Substructure in the Globular Cluster Populations of the Virgo Cluster Elliptical Galaxies M84 and M86. Astrophysical Journal, 2020, 900, 45.	1.6	2
1746	The Tail of Late-forming Dwarf Galaxies in Λ CDM. Astrophysical Journal Letters, 2021, 921, L9.	3.0	6
1747	Galaxy And Mass Assembly (GAMA): The Merging Potential of Brightest Group Galaxies. Astrophysical Journal, 2021, 921, 47.	1.6	3
1748	The diverse nature and formation paths of slow rotator galaxies in the <code>eagle</code> simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4372-4391.	1.6	23
1749	The distribution and properties of DLAs at $z \approx 2$ in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4396-4419.	1.6	7
1750	Using angular momentum maps to detect kinematically distinct galactic components. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2182-2197.	1.6	4
1751	Active galactic nucleus feedback in an elliptical galaxy with the most updated AGN physics: Parameter explorations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 398-410.	1.6	5
1752	Group-scale intrinsic galaxy alignments in the Illustris-TNG and MassiveBlack-II simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5859-5872.	1.6	7
1753	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
1754	A machine learning approach to mapping baryons on to dark matter haloes using the <code>eagle</code> and <code>C-EAGLE</code> simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5046-5061.	1.6	20

#	ARTICLE	IF	CITATIONS
1755	The physical properties and impact of AGN outflows from high to low redshift. Proceedings of the International Astronomical Union, 2019, 15, 212-220.	0.0	0
1756	Nuclear ionised outflows in a sample of 30 local galaxies. Proceedings of the International Astronomical Union, 2019, 15, 249-254.	0.0	0
1757	Deep Extragalactic Visible Legacy Survey (DEVILS): identification of AGN through SED fitting and the evolution of the bolometric AGN luminosity function. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4940-4961.	1.6	20
1758	Deep Extragalactic Visible Legacy Survey (DEVILS): evolution of the \dot{M}_{SFR} relation and implications for self-regulated star formation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4392-4410.	1.6	9
1759	Massive black hole evolution models confronting the n-Hz amplitude of the stochastic gravitational wave background. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3488-3503.	1.6	22
1760	The NEWFIRM HETDEX Survey: Photometric Catalog and a Conservative Sample of Massive Quiescent Galaxies at $z = 3$ over 17.5 deg^2 in the SHELA Field. Astrophysical Journal, 2021, 921, 58.	1.6	17
1761	Supermassive black holes in cosmological simulations II: the AGN population and predictions for upcoming X-ray missions. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3015-3042.	1.6	27
1762	Combining LOFAR and Apertif Data for Understanding the Life Cycle of Radio Galaxies. Galaxies, 2021, 9, 88.	1.1	12
1763	SPHENIX: 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
1764	The Impact of Baryonic Physics on the Abundance, Clustering, and Concentration of Halos. Astrophysical Journal, 2021, 921, 112.	1.6	16
1765	A Candidate Kiloparsec-scale Quasar Pair at $z = 5.66$. Astrophysical Journal Letters, 2021, 921, L27.	3.0	11
1766	Cosmological Vlasov-Poisson equations for dark matter. Reviews of Modern Plasma Physics, 2021, 5, 1.	2.2	8
1767	A robust two-parameter description of the stellar profile of elliptical galaxies. Astronomy and Astrophysics, 2020, 641, A143.	2.1	3
1768	Dynamics of Companion Galaxies of Early-type Galaxies. Astrophysical Journal, 2020, 903, 38.	1.6	2
1769	IllustrisTNG and S2COSMOS: possible conflicts in the evolution of neutral gas and dust. Monthly Notices of the Royal Astronomical Society, 2020, 500, 871-888.	1.6	3
1770	Stellar and weak lensing profiles of massive galaxies in the Hyper-Suprime Cam survey and in hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 432-447.	1.6	15
1771	Non-isotropic feedback from accreting spinning black holes. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4788-4800.	1.6	7
1772	Quenching and morphological evolution due to circumgalactic gas expulsion in a simulated galaxy with a controlled assembly history. Monthly Notices of the Royal Astronomical Society, 2020, 501, 236-253.	1.6	18

#	ARTICLE	IF	CITATIONS
1773	The Ursa Major association of galaxies â€“ VI: a relative dearth of gas-rich dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2608-2626.	1.6	5
1774	Tracking the orbit of unresolved subhaloes for semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2900-2919.	1.6	7
1775	Observed structural parameters of EAGLE galaxies: reconciling the massâ€“size relation in simulations with local observations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2544-2564.	1.6	29
1776	Dynamical friction modelling of massive black holes in cosmological simulations and effects on merger rate predictions. Monthly Notices of the Royal Astronomical Society, 2021, 510, 531-550.	1.6	30
1777	An analytic hybrid halo + perturbation theory model for small-scale correlators: baryons, halos, and galaxies. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 026.	1.9	2
1778	Star-formation quenching of cluster galaxies as traced by metallicity and presence of active galactic nuclei, and galactic conformity. Astronomy and Astrophysics, 2022, 658, A190.	2.1	10
1779	Low-luminosity Galaxies in the Early Universe Have Observed Sizes Similar to Star Cluster Complexes. Astronomical Journal, 2021, 162, 255.	1.9	25
1780	Too dense to go through: the role of low-mass clusters in the pre-processing of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3210-3227.	1.6	13
1781	A stringent upper limit on dark matter self-interaction cross-section from cluster strong lensing. Monthly Notices of the Royal Astronomical Society, 2021, 510, 54-81.	1.6	40
1782	Cosmology from clustering, cosmic shear, CMB lensing, and cross correlations: combining Rubin observatory and Simons Observatory. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5721-5736.	1.6	9
1783	<i>Euclid</i>: Forecasts from redshift-space distortions and the Alcockâ€“Paczynski test with cosmic voids. Astronomy and Astrophysics, 2022, 658, A20.	2.1	25
1784	Impact of gas spin and Lymanâ€“Werner flux on black hole seed formation in cosmological simulations: implications for direct collapse. Monthly Notices of the Royal Astronomical Society, 2021, 510, 177-196.	1.6	3
1785	sÃggame v3: Gas Fragmentation in Postprocessing of Cosmological Simulations for More Accurate Infrared Line Emission Modeling. Astrophysical Journal, 2021, 922, 88.	1.6	12
1786	The Close AGN Reference Survey (CARS). Astronomy and Astrophysics, 2022, 659, A123.	2.1	14
1787	Panspermia in a Milky Wayâ€“like Galaxy. Astrophysical Journal, 2021, 921, 157.	1.6	0
1788	Towards testing the theory of gravity with DESI: summary statistics, model predictions and future simulation requirements. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 050.	1.9	41
1789	Observed versus simulated halo câ€“Mvir relations. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 510, 24-28.	1.2	2
1790	DIISC-I: The Discovery of Kinematically Anomalous H i Clouds in M 100. Astrophysical Journal, 2021, 922, 69.	1.6	4

#	ARTICLE	IF	CITATIONS
1791	Do Current X-Ray Observations Capture Most of the Black-hole Accretion at High Redshifts?. <i>Astrophysical Journal</i> , 2021, 921, 170.	1.6	7
1792	Halo uncertainties in electron recoil events at direct detection experiments. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	10
1793	The emergence of dark matter-deficient ultra-diffuse galaxies driven by scatter in the stellar mass-halo mass relation and feedback from globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3356-3378.	1.6	18
1794	A new model for including galactic winds in simulations of galaxy formation II: Implementation of PhEW in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 6091-6110.	1.6	5
1795	Da Vinci's observation of turbulence: A French-Italian study aiming at numerically reproducing the physics behind one of his drawings, 500 years later. <i>Physics of Fluids</i> , 2021, 33, .	1.6	7
1796	The Type II AGN-host galaxy connection. <i>Astronomy and Astrophysics</i> , 2022, 659, A129.	2.1	11
1797	The chemical composition of globular clusters in the Local Group. <i>Astronomy and Astrophysics</i> , 2022, 660, A88.	2.1	15
1798	Systematic Errors Induced by the Elliptical Power-law model in Galaxy-Galaxy Strong Lens Modeling. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 025014.	0.7	9
1799	Massively Parallel Particle Hydrodynamics at exa-scale. <i>Computing in Science and Engineering</i> , 2021, , 1-1.	1.2	0
1801	How gas flows shape the stellar-halo mass relation in the <i>eagle</i> simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2948-2967.	1.6	12
1802	Massive Black-Hole Mergers. , 2021, , 1-33.		2
1803	Atomic and molecular gas from the epoch of reionisation down to redshift 2. <i>Astronomy and Astrophysics</i> , 2022, 657, A47.	2.1	11
1804	Quenching of satellite galaxies of Milky Way analogues: reconciling theory and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1544-1556.	1.6	16
1805	Evolution of C iv Absorbers. II. Where Does C iv Live?. <i>Astrophysical Journal</i> , 2022, 924, 12.	1.6	6
1806	Relic galaxy analogues in TNG50 simulation: the formation pathways of surviving red nuggets in a cosmological simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 245-264.	1.6	8
1807	Forensic reconstruction of galaxy colour evolution and population characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5405-5427.	1.6	4
1808	High-redshift predictions from IllustrisTNG - III. Infrared luminosity functions, obscured star formation, and dust temperature of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5560-5578.	1.6	26
1809	The evolution of barred galaxies in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5164-5178.	1.6	12

#	ARTICLE	IF	CITATIONS
1810	The quenching of galaxies, bulges, and disks since cosmic noon. <i>Astronomy and Astrophysics</i> , 2022, 659, A160.	2.1	33
1811	The low-end of the black hole mass function at cosmic dawn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 616-640.	1.6	29
1812	Realistic galaxy image simulation via score-based generative models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1808-1818.	1.6	13
1813	Quasar feedback survey: multiphase outflows, turbulence, and evidence for feedback caused by low power radio jets inclined into the galaxy disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1608-1628.	1.6	32
1814	On the Variation in Stellar \dot{M} -enhancements of Star-forming Galaxies in the EAGLE Simulation. <i>Astrophysical Journal</i> , 2022, 924, 73.	1.6	4
1815	SIBELIUS-DARK: a galaxy catalogue of the local volume from a constrained realization simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5823-5847.	1.6	18
1816	Co-evolution of massive black holes and their host galaxies at high redshift: discrepancies from six cosmological simulations and the key role of <i>JWST</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3751-3767.	1.6	27
1817	The present-day globular cluster kinematics of lenticular galaxies from the E-MOSAICS simulations and their relation to the galaxy assembly histories. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
1818	The age gradients of galaxies in EAGLE: outside-in quenching as the origin of young bulges in cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1072-1084.	1.6	7
1819	The MUSE eXtremely Deep Field: Individual detections of Ly α haloes around rest-frame UV-selected galaxies at $z \approx 2.9$ –4.4. <i>Astronomy and Astrophysics</i> , 2022, 660, A44.	2.1	11
1820	Intrinsic alignments of the extended radio continuum emission of galaxies in the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3844-3862.	1.6	2
1821	The physics governing the upper truncation mass of the globular cluster mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6190-6200.	1.6	4
1822	Mass of the dynamically hot inner stellar halo predicts the ancient accreted stellar mass. <i>Astronomy and Astrophysics</i> , 2022, 660, A20.	2.1	15
1823	Black hole–galaxy scaling relations in FIRE: the importance of black hole location and mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 506-535.	1.6	15
1824	Photometric Objects around Cosmic Webs (PAC) Delineated in a Spectroscopic Survey. I. Methods. <i>Astrophysical Journal</i> , 2022, 925, 31.	1.6	10
1825	Observational evidence of evolving dark matter profiles at $z \approx 1$. <i>Astronomy and Astrophysics</i> , 2022, 659, A40.	2.1	11
1826	Baryon-driven decontraction in Milky Way-mass haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3910-3921.	1.6	5
1827	Impact of Cosmic Filaments on the Gas Accretion Rate of Dark Matter Halos. <i>Astrophysical Journal</i> , 2022, 924, 132.	1.6	3

#	ARTICLE	IF	CITATIONS
1828	Dark Energy Survey Year 3 results: Cosmology from cosmic shear and robustness to modeling uncertainty. <i>Physical Review D</i> , 2022, 105, .	1.6	145
1829	Quenching time-scales in the IllustrisTNG simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 6126-6142.	1.6	9
1830	Clustering of Gravitational Wave and Supernovae events: a multitracer analysis in Luminosity Distance Space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 003.	1.9	9
1831	A Hydro-particle-mesh Code for Efficient and Rapid Simulations of the Intracluster Medium. <i>Astrophysical Journal</i> , 2022, 925, 134.	1.6	1
1832	A fully Lagrangian, non-parametric bias model for dark matter halos. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 002.	1.9	2
1833	Now You See It, Now You Don't: Star Formation Truncation Precedes the Loss of Molecular Gas by ~ 100 Myr in Massive Poststarburst Galaxies at $z \sim 0.6$. <i>Astrophysical Journal</i> , 2022, 925, 153.	1.6	23
1834	CLIMBER: Galaxy-Halo Connection Constraints from Next-generation Surveys. <i>Astrophysical Journal</i> , 2022, 925, 180.	1.6	1
1835	Intrinsic alignments in IllustrisTNG and their implications for weak lensing: Tidal shearing and tidal torquing mechanisms put to the test. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2049-2072.	1.6	6
1836	Emergence of galactic morphologies at cosmic dawn: input from numerical modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 693-712.	1.6	2
1837	The ASTRID simulation: the evolution of supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 670-692.	1.6	47
1838	An estimate of the stochastic gravitational wave background from the MassiveBlackII simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5241-5250.	1.6	3
1839	Predictions for LISA and PTA based on SHARK galaxy simulations. <i>Astronomy and Astrophysics</i> , 2022, 660, A68.	2.1	5
1840	The High Fraction of Thin Disk Galaxies Continues to Challenge Λ CDM Cosmology. <i>Astrophysical Journal</i> , 2022, 925, 183.	1.6	15
1841	First Light And Reionisation Epoch Simulations (FLARES) - III. The properties of massive dusty galaxies at cosmic dawn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4999-5017.	1.6	19
1842	Cold gas removal from the centre of a galaxy by a low-luminosity jet. <i>Nature Astronomy</i> , 2022, 6, 488-495.	4.2	18
1843	Cosmic filaments delay quenching inside clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 926-944.	1.6	10
1844	The dark side of galaxy stellar populations - I. The stellar-to-halo mass relation and the velocity dispersion-halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4900-4920.	1.6	7
1845	What drives galaxy quenching? A deep connection between galaxy kinematics and quenching in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1913-1941.	1.6	17

#	ARTICLE	IF	CITATIONS
1846	Large-scale dark matter simulations. <i>Living Reviews in Solar Physics</i> , 2022, 8, 1.	5.0	57
1847	Stellar feedback in M83 as observed with MUSE. <i>Astronomy and Astrophysics</i> , 2022, 660, A77.	2.1	7
1848	The impact of dust on the sizes of galaxies in the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5475-5491.	1.6	15
1849	Properties of Fast and Slow Bars Classified by Epicyclic Frequency Curves from Photometry of Barred Galaxies. <i>Astrophysical Journal</i> , 2022, 926, 58.	1.6	9
1850	The Close AGN Reference Survey (CARS). <i>Astronomy and Astrophysics</i> , 2022, 659, A125.	2.1	15
1851	The galaxyâ€“halo size relation of low-mass galaxies in FIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3967-3985.	1.6	13
1852	On the quenching of star formation in observed and simulated central galaxies: evidence for the role of integrated AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1052-1090.	1.6	45
1853	CosmoVis: An Interactive Visual Analysis Tool for Exploring Hydrodynamic Cosmological Simulations. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2022, 28, 2909-2925.	2.9	2
1854	The First Large Absorption Survey in H α (FLASH): I. Science goals and survey design. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	1.3	15
1855	IQ Collaboratory. III. The Empirical Dust Attenuation Frameworkâ€“Taking Hydrodynamical Simulations with a Grain of Dust. <i>Astrophysical Journal</i> , 2022, 926, 122.	1.6	10
1856	Probing cosmology and gas physics with fast radio bursts: Cross-correlations of dark matter haloes and cosmic dispersion measures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1730-1750.	1.6	8
1857	RAMSES-RTZ: non-equilibrium metal chemistry and cooling coupled to on-the-fly radiation hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 348-365.	1.6	13
1858	The origin of starâ€“gas misalignments in simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2031-2048.	1.6	7
1859	The NewHorizon simulation â€“ to bar or not to bar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 160-185.	1.6	17
1860	The LEGA-C of Nature and Nurture in Stellar Populations at $z \sim 0.6$ â€“1.0: $D_{n < 4000}$ and $H\alpha$ Reveal Different Assembly Histories for Quiescent Galaxies in Different Environments. <i>Astrophysical Journal</i> , 2022, 926, 117.	1.6	8
1861	Black hole virial masses from single-epoch photometry. The miniJPAS test case. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	6
1862	Solitons in the dark: First approach to non-linear structure formation with fuzzy dark matter. <i>Astronomy and Astrophysics</i> , 2022, 662, A29.	2.1	15
1863	The column densities of molecular gas across cosmic time: bridging observations and simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4736-4751.	1.6	6

#	ARTICLE	IF	CITATIONS
1864	The effects of self-interacting dark matter on the stripping of galaxies that fall into clusters. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5927-5935.	1.6	5
1865	The Cosmic Mach Number as an environment measure for the underlying dark matter density field. Monthly Notices of the Royal Astronomical Society, 2022, 512, 27-40.	1.6	1
1866	Probing Hot Gas Components of the Circumgalactic Medium in Cosmological Simulations with the Thermal Sunyaev-Zeldovich Effect. Astrophysical Journal, 2022, 926, 179.	1.6	9
1867	Using artificial intelligence and real galaxy images to constrain parameters in galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2135-2141.	1.6	1
1868	Quantifying the cool ISM in radio AGNs: evidence for late-time retriggering by galaxy mergers and interactions. Monthly Notices of the Royal Astronomical Society, 2022, 512, 86-103.	1.6	6
1869	H α morphologies of star clusters in 16 LEGUS galaxies: Constraints on region evolution time-scales. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1294-1316.	1.6	17
1870	The evolution of the barred galaxy population in the TNG50 simulation. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5339-5357.	1.6	26
1871	The Gas Star Formation Cycle in Nearby Star-forming Galaxies. II. Resolved Distributions of CO and H α Emission for 49 PHANGS Galaxies. Astrophysical Journal, 2022, 927, 9.	1.6	19
1872	The Origin of Exponential Star-forming Disks. Astrophysical Journal, 2022, 927, 217.	1.6	10
1873	Performance Enhancement of Tree-based Friends-of-friends Galaxy Finder for High-resolution Simulations of Galaxy Formation. Astrophysical Journal, 2022, 927, 129.	1.6	0
1874	High-resolution synthetic UV-submm images for Milky Way-mass simulated galaxies from the ARTEMIS project. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2728-2749.	1.6	16
1875	Cold and hot gas distribution around the Milky-Way M31 system in the HESTIA simulations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3717-3737.	1.6	9
1876	Host galaxies and electromagnetic counterparts to binary neutron star mergers across the cosmic time: detectability of GW170817-like events. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2654-2668.	1.6	13
1877	Direct measurement of the distribution of dark matter with strongly lensed gravitational waves. Astronomy and Astrophysics, 2022, 659, L5.	2.1	13
1878	Eigenmode analysis of perturbations in the primordial medium at and before recombination. Astronomy and Astrophysics, 0, , .	2.1	1
1879	Quenching of Massive Disk Galaxies in the IllustrisTNG Simulation. Astrophysical Journal, 2022, 928, 100.	1.6	9
1880	The scaling relation between galaxy luminosity and WHIM density from EAGLE simulations with application to SDSS data. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3387-3398.	1.6	2
1881	Galaxy galaxy strong lens perturbations: line-of-sight haloes versus lens subhaloes. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5862-5873.	1.6	10

#	ARTICLE	IF	CITATIONS
1882	Fast radio bursts as probes of feedback from active galactic nuclei. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 512, L49-L53.	1.2	1
1883	Relative distribution of dark matter, gas, and stars around cosmic filaments in the IllustrisTNG simulation. Astronomy and Astrophysics, 2022, 661, A115.	2.1	14
1884	Cosmological direct detection of dark energy: Non-linear structure formation signatures of dark energy scattering with visible matter. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1885-1905.	1.6	21
1885	Galactic angular momentum in the IllustrisTNG simulation â€” I. Connection to morphology, halo spin, and black hole mass. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5978-5994.	1.6	21
1886	Galaxy populations in the Hydra I cluster from the VEGAS survey. Astronomy and Astrophysics, 2022, 659, A92.	2.1	12
1887	SDSS IV MaNGA: visual morphological and statistical characterization of the DR15 sample. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2222-2244.	1.6	12
1888	Formation and fate of low-metallicity stars in TNG50. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3602-3615.	1.6	4
1889	Local variations of the stellar velocity ellipsoid â€” II. The effect of the bar in the inner regions of Auriga galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4587-4604.	1.6	1
1890	Gemini NIFS survey of feeding and feedback processes in nearby active galaxies â€” VI. Stellar populations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3906-3921.	1.6	12
1891	Galaxy Flows within 8000 km s^{-1} from Numerical Action Methods. Astrophysical Journal, 2022, 927, 168.	1.6	4
1892	Illustrating galaxyâ€”halo connection in the DESI era with \llcorner illustrisTNG \lrcorner . Monthly Notices of the Royal Astronomical Society, 2022, 512, 5793-5811.	1.6	18
1893	Cold Gas in Massive Galaxies as a Critical Test of Black Hole Feedback Models. Astrophysical Journal, 2022, 927, 189.	1.6	3
1894	LYRA â€” II. Cosmological dwarf galaxy formation with inhomogeneous Population III enrichment. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1372-1385.	1.6	17
1895	Characterization of low surface brightness structures in annotated deep images. Astronomy and Astrophysics, 2022, 662, A124.	2.1	12
1896	Testing the Momentum-driven Supernova Feedback Paradigm in M31. Astrophysical Journal, 2022, 928, 54.	1.6	2
1897	The ASTRID simulation: galaxy formation and reionization. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3703-3716.	1.6	43
1898	Extending the SAGA Survey (xSAGA). I. Satellite Radial Profiles as a Function of Host-galaxy Properties. Astrophysical Journal, 2022, 927, 121.	1.6	11
1899	Black hole weather forecasting with Deep Learning: A pilot study. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3

#	ARTICLE	IF	CITATIONS
1900	The origin of correlations between mass, metallicity, and morphology in galaxies from the <scp>eagle</scp> simulation. Monthly Notices of the Royal Astronomical Society, 2022, 512, 6164-6179.	1.6	5
1901	Is Terzan's the remnant of a building block of the Galactic bulge? Evidence from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3429-3443.	1.6	1
1902	Rapidly quenched galaxies in the <scp>Simba</scp> cosmological simulation and observations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 27-41.	1.6	4
1903	Direct detection of mirror matter in Twin Higgs models. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
1904	ACACIA: a new method to produce on-the-fly merger trees in the <scp>ramses</scp> code. Monthly Notices of the Royal Astronomical Society, 2021, 510, 959-979.	1.6	0
1905	Statistics of galaxy mergers: bridging the gap between theory and observation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5918-5937.	1.6	17
1906	The evolution of the oxygen abundance gradients in star-forming galaxies in the <scp>eagle</scp> simulations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1667-1684.	1.6	12
1907	Predicting the Water Content of Interstellar Objects from Galactic Star Formation Histories. Astrophysical Journal Letters, 2022, 924, L1.	3.0	4
1908	The impact of black hole feedback on the UV luminosity and stellar mass assembly of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5661-5675.	1.6	7
1909	Introducing the <scp>thesan</scp> project: radiation-magnetohydrodynamic simulations of the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4005-4030.	1.6	88
1910	Monte Carlo Physarum Machine: Characteristics of Pattern Formation in Continuous Stochastic Transport Networks. Artificial Life, 2022, 28, 22-57.	1.0	7
1911	Halo merger tree comparison: impact on galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5500-5519.	1.6	7
1912	Drivers of asymmetry in synthetic H α emission-line profiles of galaxies in the <scp>eagle</scp> simulation. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3408-3429.	1.6	7
1913	Can tides explain the low dark matter density in Fornax?. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2186-2205.	1.6	12
1914	Baryonic mass budgets for haloes in the <scp>eagle</scp> simulation, including ejected and prevented gas. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2600-2609.	1.6	9
1915	How Identifying Circumgalactic Gas by Line-of-sight Velocity instead of the Location in 3D Space Affects O vi Measurements. Astrophysical Journal, 2021, 923, 137.	1.6	8
1916	The MAGIC project – III. Radial and azimuthal Galactic abundance gradients using classical Cepheids. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1894-1901.	1.6	13
1917	The dark matter haloes of HI selected galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2585-2599.	1.6	4

#	ARTICLE	IF	CITATIONS
1918	Testing the Relationship between Bursty Star Formation and Size Fluctuations of Local Dwarf Galaxies. <i>Astrophysical Journal</i> , 2021, 922, 217.	1.6	11
1919	A Hybrid MPI+Threads Approach to Particle Group Finding Using Union-Find. <i>Advances in Parallel Computing</i> , 2020, , .	0.3	0
1920	The extragalactic $\hat{\Gamma}^3$ -ray background: imprints from the physical properties and evolution of star-forming galaxy populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2335-2348.	1.6	4
1921	Stellar and black hole assembly in $z < 0.3$ infrared-luminous mergers: intermittent starbursts versus super-Eddington accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4770-4786.	1.6	16
1922	Apostleâ€“Auriga: effects of different subgrid models on the baryon cycle around Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3113-3138.	1.6	12
1923	Percent-level constraints on baryonic feedback with spectral distortion measurements. <i>Physical Review D</i> , 2022, 105, .	1.6	6
1924	On the detectability of massive black hole merger events by Laser Interferometry Space Antenna. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 6007-6020.	1.6	4
1925	From Naked Spheroids to Disky Galaxies: How Do Massive Disk Galaxies Shape Their Morphology?. <i>Astrophysical Journal</i> , 2022, 929, 121.	1.6	18
1926	ProFuse: physical multiband structural decomposition of galaxies and the massâ€“sizeâ€“age plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2985-3012.	1.6	12
1927	Enhanced star formation in $z \approx 6$ quasar companions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2118-2135.	1.6	11
1928	Merger-induced galaxy transformations in the <i>artemis</i> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1867-1886.	1.6	25
1929	The Metallicity Distribution Function in Outer Halo Fields of Simulated Elliptical Galaxies Compared to Observations of NGC 5128. <i>Astrophysical Journal</i> , 2022, 929, 113.	1.6	1
1930	Being KLEVER at cosmic noon: ionized gas outflows are inconspicuous in low-mass star-forming galaxies but prominent in massive AGN hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2535-2562.	1.6	20
1931	The Quasar Feedback Survey: revealing the interplay of jets, winds, and emission-line gas in type 2 quasars with radio polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4208-4223.	1.6	10
1932	The importance of the way in which supernova energy is distributed around young stellar populations in simulations of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 249-264.	1.6	12
1933	3D intrinsic shapes of quiescent galaxies in observations and simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4814-4832.	1.6	6
1934	<i>forge</i> : the $f(R)$ -gravity cosmic emulator project â€“ I. Introduction and matter power spectrum emulator. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4161-4175.	1.6	14
1935	North Ecliptic Pole merging galaxy catalogue. <i>Astronomy and Astrophysics</i> , 2022, 661, A52.	2.1	12

#	ARTICLE	IF	CITATIONS
1936	COSMOS2020: Cosmic evolution of the stellar-to-halo mass relation for central and satellite galaxies up to $z < 1$. <i>Astronomy and Astrophysics</i> , 2022, 664, A61.	2.1	24
1937	The effects of AGN feedback on the structural and dynamical properties of Milky Way-mass galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3768-3787.	1.6	14
1938	Dark energy survey year 3 results: High-precision measurement and modeling of galaxy-galaxy lensing. <i>Physical Review D</i> , 2022, 105, .	1.6	22
1939	Radiation-magnetohydrodynamics simulations of cosmic ray feedback in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5000-5019.	1.6	16
1940	Estimating transient rates from cosmological simulations and BPASS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1315-1334.	1.6	25
1941	The Fornax3D project: Discovery of ancient massive merger events in the Fornax cluster galaxies NGC 1380 and NGC 1427. <i>Astronomy and Astrophysics</i> , 2022, 664, A115.	2.1	14
1942	The environmental dependence of the stellar and gas-phase mass-metallicity relation at $2 < z < 4$. <i>Astronomy and Astrophysics</i> , 2022, 664, A75.	2.1	8
1943	Radial distributions of globular clusters trace their host dark matter halo: insights from the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3925-3945.	1.6	13
1944	The chemo-dynamical groups of Galactic globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4107-4129.	1.6	28
1945	A Multiwavelength Study of ELAN Environments (AMUSE ²). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive $z \sim 3$ Quasar Host Halo. <i>Astrophysical Journal</i> , 2022, 930, 72.	1.6	8
1946	Relating the Diverse Merger Histories and Satellite Populations of Nearby Galaxies. <i>Astrophysical Journal</i> , 2022, 930, 69.	1.6	13
1947	A WHIM origin for the soft excess emission in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 416-426.	1.6	5
1948	The halo-finding problem revisited: a deep revision of the ASOHF code. <i>Astronomy and Astrophysics</i> , 2022, 664, A42.	2.1	3
1949	Using <i>eagle</i> simulations to study the effect of observational constraints on the determination of $H\alpha$ asymmetries in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5310-5327.	1.6	5
1950	NIHAO XXVII. Crossing the green valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5296-5306.	1.6	1
1951	Cosmological simulations predict that AGN preferentially live in gas-rich, star-forming galaxies despite effective feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2936-2957.	1.6	31
1952	SDSS-IV MaNGA: Exploring the Local Scaling Relations for N/O. <i>Astrophysical Journal</i> , 2022, 930, 160.	1.6	5
1953	LyMAS reloaded: improving the predictions of the large-scale Lyman- α forest statistics from dark matter density and velocity fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3222-3245.	1.6	5

#	ARTICLE	IF	CITATIONS
1954	Ram pressure stripping in high-density environments. <i>Astronomy and Astrophysics Review</i> , 2022, 30, .	9.1	102
1955	Measuring the Density Fields around Bright Quasars at $z \sim 6$ with XQR-30 Spectra. <i>Astrophysical Journal</i> , 2022, 931, 29.	1.6	12
1956	Evolution of thermal and non-thermal radio continuum emission on kpc scales – predictions for SKA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1158-1174.	1.6	1
1957	Disc instability and bar formation: view from the IllustrisTNG simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1006-1020.	1.6	11
1958	First Light And Reionisation Epoch Simulations (<sc>flares</sc>) – IV. The size evolution of galaxies at $z < 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1921-1939.	1.6	21
1959	Reionization with Simba: How Much Does Astrophysics Matter in Modeling Cosmic Reionization?. <i>Astrophysical Journal</i> , 2022, 931, 62.	1.6	6
1960	The impact of filaments on dwarf galaxy properties in the Auriga simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2488-2496.	1.6	3
1961	Exploring compact binary merger host galaxies and environments with <tt>zELDA</tt>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2716-2735.	1.6	12
1962	Massive black hole mergers with orbital information: predictions from the ASTRID simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2220-2238.	1.6	9
1963	Massive star-forming galaxies have converted most of their halo gas into stars. <i>Astronomy and Astrophysics</i> , 2022, 663, A85.	2.1	13
1964	The importance of black hole repositioning for galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 167-184.	1.6	17
1965	The Compact Structures of Massive $z \sim 0.7$ Post-starburst Galaxies in the SQuIGGLf—E Sample. <i>Astrophysical Journal</i> , 2022, 931, 51.	1.6	12
1966	Milky Way and M31 rotation curves: $\lambda < \mathbb{1} < \text{CDM} < \text{MOND}$. <i>Physical Review D</i> , 2022, 105, .	1.6	4
1967	Cosmological evolution of gas and supermassive black holes in idealized isolated haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
1968	<sc>The Three Hundred</sc> project: The <sc>gizmo-simba</sc> run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 977-996.	1.6	31
1969	BUDDI-MaNGA II: the star-formation histories of bulges and discs of S0s. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6141-6156.	1.6	8
1970	ALPINE: A Large Survey to Understand Teenage Galaxies. <i>Universe</i> , 2022, 8, 314.	0.9	2
1971	Exploring the outskirts of the EAGLE disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5340-5354.	1.6	1

#	ARTICLE	IF	CITATIONS
1972	The luminosity of cluster galaxies in the Cluster-EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2121-2137.	1.6	1
1973	The black hole population in low-mass galaxies in large-scale cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4912-4931.	1.6	11
1974	A machine learning approach to infer the accreted stellar mass fractions of central galaxies in the TNG100 simulation. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3938-3955.	1.6	6
1975	The formation of low surface brightness galaxies in the IllustrisTNG simulation. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5840-5852.	1.6	8
1976	Massive central galaxies of galaxy groups in the <sc>Romulus</sc> simulations: an overview of galaxy properties at $z=0$. Monthly Notices of the Royal Astronomical Society, 2022, 515, 22-47.	1.6	11
1977	Stellar migration in the Auriga simulations. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	2
1978	Modelling galaxy clustering in redshift space with a Lagrangian bias formalism and N -body simulations. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3993-4007.	1.6	9
1979	A deep learning approach to halo merger tree construction. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3692-3708.	1.6	2
1980	Priors on Lagrangian bias parameters from galaxy formation modelling. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5443-5456.	1.6	11
1981	<i>Gaia</i> Data Release 3. Astronomy and Astrophysics, 2023, 674, A11.	2.1	9
1982	Constraining baryonic feedback and cosmology with weak-lensing, X-ray, and kinematic Sunyaev-Zeldovich observations. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3802-3814.	1.6	16
1983	Linking the brightest stellar streams with the accretion history of Milky Way like galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4898-4911.	1.6	6
1984	Galaxy mergers can initiate quenching by unlocking an AGN-driven transformation of the baryon cycle. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1430-1443.	1.6	14
1985	The formation of the first quasars: the black hole seeds, accretion, and feedback models. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5583-5606.	1.6	10
1986	The <sc>thesan</sc> project: predictions for multitracer line intensity mapping in the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3857-3878.	1.6	31
1987	Modeling the kinematics of globular cluster systems. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4736-4755.	1.6	9
1988	The warm-hot circumgalactic medium around EAGLE-simulation galaxies and its detection prospects with X-ray-line emission. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5214-5237.	1.6	12
1989	A general framework to test gravity using galaxy clusters â€“ VI. Realistic galaxy formation simulations to study clusters in modified gravity. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3349-3365.	1.6	4

#	ARTICLE	IF	CITATIONS
1990	Non-linear reconstruction of features in the primordial power spectrum from large-scale structure. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4363-4378.	1.6	7
1991	Exploring the effect of baryons on the radial distribution of satellite galaxies with GAMA and IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4676-4695.	1.6	2
1992	Baryonic solutions and challenges for cosmological models of dwarf galaxies. Nature Astronomy, 2022, 6, 897-910.	4.2	55
1993	Machine-guided exploration and calibration of astrophysical simulations. Monthly Notices of the Royal Astronomical Society, 2022, 515, 693-705.	1.6	1
1994	iMaNGA: mock MaNGA galaxies based on IllustrisTNG and MaStar SSPs â€” I. Construction and analysis of the mock data cubes. Monthly Notices of the Royal Astronomical Society, 2022, 515, 320-338.	1.6	14
1995	Morphological decomposition of TNG50 galaxies: methodology and catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1524-1543.	1.6	12
1996	Testing the role of AGN on the star formation and metal enrichment of â€”twin galaxiesâ€™. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	0
1997	Stellar Halos from the The Dragonfly Edge-on Galaxies Survey. Astrophysical Journal, 2022, 932, 44.	1.6	7
1998	Massive Black-Hole Mergers. , 2022, , 851-883.		0
1999	Formation Channels of Single and Binary Stellar-Mass Black Holes. , 2022, , 705-769.		2
2000	Consequences of the lack of azimuthal freedom in the modeling of lensing galaxies. Astronomy and Astrophysics, 2022, 663, A179.	2.1	10
2001	Groups and Protocluster Candidates in the CLAUDS and HSC-SSP Joint Deep Surveys. Astrophysical Journal, 2022, 933, 9.	1.6	9
2002	Cosmic star formation history with tomographic cosmic infrared background-galaxy cross-correlation. Astronomy and Astrophysics, 2022, 665, A52.	2.1	3
2003	Merger histories of brightest group galaxies from MUSE stellar kinematics. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1104-1121.	1.6	7
2004	From Galactic Bars to the Hubble Tension: Weighing Up the Astrophysical Evidence for Milgromian Gravity. Symmetry, 2022, 14, 1331.	1.1	50
2005	Chemical Evolution of the Universe and its Consequences for Gravitationalâ€”Wave Astrophysics. Annalen Der Physik, 2024, 536, .	0.9	1
2006	Galaxy cluster photons alter the ionization state of the nearby warmâ€”hot intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3162-3173.	1.6	4
2007	The SAMI Galaxy Survey: the relationship between galaxy rotation and the motion of neighbours. Monthly Notices of the Royal Astronomical Society, 2022, 515, 984-997.	1.6	3

#	ARTICLE	IF	CITATIONS
2008	The Low-redshift Ly α Forest as a Constraint for Models of AGN Feedback. <i>Astrophysical Journal Letters</i> , 2022, 933, L46.	3.0	8
2009	The observed impact of galaxy halo gas on fast radio bursts. <i>Nature Astronomy</i> , 2022, 6, 1035-1042.	4.2	10
2010	SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass. <i>Astrophysical Journal</i> , 2022, 933, 88.	1.6	5
2011	A stochastic model to reproduce the star formation history of individual galaxies in hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3249-3269.	1.6	3
2012	Determining active galactic nucleus luminosity histories using present-day outflow properties: a neural network-based approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1705-1722.	1.6	3
2013	Introducing EMP- <i>Pathfinder</i> : modelling the simultaneous formation and evolution of stellar clusters in their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 3144-3180.	1.6	15
2014	Concordance between Observations and Simulations in the Evolution of the Mass Relation between Supermassive Black Holes and Their Host Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 132.	1.6	6
2015	Chemical Evolution History of MaNGA Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 44.	1.6	10
2016	Modeling Evolution of Galactic Bars at Cosmic Dawn. <i>Astrophysical Journal</i> , 2022, 934, 52.	1.6	9
2017	Response approach to the integrated shear 3-point correlation function: the impact of baryonic effects on small scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4639-4654.	1.6	7
2018	Milky Way-like galaxies: stellar population properties of dynamically defined discs, bulges and stellar haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 197-215.	1.6	3
2019	An orbital perspective on the starvation, stripping, and quenching of satellite galaxies in the <i>eagle</i> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 2891-2912.	1.6	11
2020	The very knotty lenser: Exploring the role of regularization in source and potential reconstructions using Gaussian process regression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 1347-1372.	1.6	12
2021	Galaxies in the central regions of simulated galaxy clusters. <i>Astronomy and Astrophysics</i> , 2022, 665, A16.	2.1	9
2022	Assessment of Dark Matter Models Using Dark Matter Correlations across Dwarf Spheroidal Galaxies. <i>Universe</i> , 2022, 8, 386.	0.9	1
2023	The H α luminosity and stellar mass dependent clustering of star-forming galaxies at $0.7 < z < 1.5$ with 3D- <i>HST</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 2224-2244.	1.6	0
2024	Machine learning for galactic archaeology: A chemistry-based neural network method for identification of accreted disc stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	1
2025	Satellite mass functions and the faint end of the galaxy mass-halo mass relation in LCDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 3685-3697.	1.6	6

#	ARTICLE	IF	CITATIONS
2026	The interplay between AGN feedback and precipitation of the intracluster medium in simulations of galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2022, 515, 4838-4859.	1.6	8
2027	Constraining galaxy-halo connection with high-order statistics. Monthly Notices of the Royal Astronomical Society, 2022, 515, 6133-6150.	1.6	1
2028	Spherical accretion of collisional gas in modified gravity I: self-similar solutions and a new cosmological hydrodynamical code. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2464-2482.	1.6	3
2029	Star formation and AGN feedback in the local Universe: Combining LOFAR and MaNGA. Astronomy and Astrophysics, 2022, 665, A144.	2.1	2
2030	A Tilt in the Dark Matter Halo of the Galaxy. Astrophysical Journal, 2022, 934, 14.	1.6	13
2031	Predictions for the X-ray circumgalactic medium of edge-on discs and spheroids. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3
2032	Impact of H ₂ -driven star formation and stellar feedback from low-enrichment environments on the formation of spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 518, 1128-1147.	1.6	3
2033	Modelling the host galaxies of binary compact object mergers with observational scaling relations. Monthly Notices of the Royal Astronomical Society, 2022, 516, 3297-3317.	1.6	13
2034	Spatial disconnection between stellar and dust emissions: The test of the Antennae Galaxies (Arp 244). Astronomy and Astrophysics, 2022, 665, A137.	2.1	6
2035	Galaxy And Mass Assembly (GAMA): bulge-disc decomposition of KiDS data in the nearby Universe. Monthly Notices of the Royal Astronomical Society, 2022, 516, 942-974.	1.6	12
2036	UV to submillimetre luminosity functions of TNG50 galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 516, 3728-3749.	1.6	9
2037	Ionized Outflows in Nearby Quasars Are Poorly Coupled to Their Host Galaxies. Astrophysical Journal, 2022, 935, 72.	1.6	12
2038	How baryons affect haloes and large-scale structure: a unified picture from the <scp>Simba</scp> simulation. Monthly Notices of the Royal Astronomical Society, 2022, 516, 883-906.	1.6	22
2039	Two can play at that game: constraining the role of supernova and AGN feedback in dwarf galaxies with cosmological zoom-in simulations. Monthly Notices of the Royal Astronomical Society, 2022, 516, 2112-2141.	1.6	24
2040	Spin-driven jet feedback in idealized simulations of galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2022, 516, 3750-3772.	1.6	13
2041	Dissociation of dark matter and gas in cosmic large-scale structure. Monthly Notices of the Royal Astronomical Society, 2022, 516, 5289-5308.	1.6	1
2042	Velocity-dependent annihilation radiation from dark matter subhalos in cosmological simulations. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 058.	1.9	4
2043	The formation of early-type galaxies through monolithic collapse of gas clouds in Milgromian gravity. Monthly Notices of the Royal Astronomical Society, 2022, 516, 1081-1093.	1.6	10

#	ARTICLE	IF	CITATIONS
2044	Dissecting Nearby Galaxies with piXedfit. II. Spatially Resolved Scaling Relations among Stars, Dust, and Gas. <i>Astrophysical Journal</i> , 2022, 935, 98.	1.6	7
2045	Galaxies and haloes on graph neural networks: Deep generative modelling scalar and vector quantities for intrinsic alignment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 2406-2419.	1.6	2
2046	Improving Black Hole Accretion Treatment in Hydrodynamical Simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
2047	Cosmological Simulations of the Intergalactic Medium Evolution. III. SPH Simulations. <i>Astrophysical Journal</i> , 2022, 935, 124.	1.6	0
2048	Osaka Feedback Model. II. Modeling Supernova Feedback Based on High-resolution Simulations. <i>Astrophysical Journal, Supplement Series</i> , 2022, 262, 9.	3.0	10
2049	Probing the $\langle i \rangle z \langle i \rangle \approx 6$ quasars in a universe with IllustrisTNG physics: impact of gas-based black hole seeding models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 138-157.	1.6	6
2050	The eROSITA Final Equatorial Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 666, A156.	2.1	19
2051	MUSEALMA haloes VII: survey science goals& design, data processing and final catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5618-5636.	1.6	9
2052	Introduction to Dark Matter. , 2023, , 1-30.		0
2053	Can Cooling and Heating Functions Be Modeled with Homogeneous Radiation Fields?. <i>Astrophysical Journal</i> , 2022, 936, 50.	1.6	3
2054	X-ray morphology of cluster-mass haloes in self-interacting dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 1302-1319.	1.6	4
2055	The effects of local stellar radiation and dust depletion on non-equilibrium interstellar chemistry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 1557-1583.	1.6	1
2056	Observing EAGLE galaxies with JWST: predictions for Milky Way progenitors and their building blocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3861-3877.	1.6	3
2057	Cosmological gas accretion history onto the stellar discs of Milky Way-like galaxies in the Auriga simulations (I) Temporal dependency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 832-852.	1.6	2
2058	Conditional colour& magnitude distribution of central galaxies in galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 4276-4292.	1.6	2
2059	Pressure-regulated, Feedback-modulated Star Formation in Disk Galaxies. <i>Astrophysical Journal</i> , 2022, 936, 137.	1.6	25
2060	Galaxy& galaxy lensing in the VOICE deep survey. <i>Astronomy and Astrophysics</i> , 2022, 668, A12.	2.1	2
2061	Testing strong lensing subhalo detection with a cosmological simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 220-239.	1.6	5

#	ARTICLE	IF	CITATIONS
2062	A non-linear solution to the Λ CDM tension?. Monthly Notices of the Royal Astronomical Society, 2022, 516, 5355-5366.	1.6	48
2063	Hubble Space Telescope Captures UGC12591: bulge/disc properties, star formation and α -missing baryons census in a very massive and fast-spinning hybrid galaxy. Monthly Notices of the Royal Astronomical Society, 2022, 517, 99-117.	1.6	2
2064	Testing Galaxy Feedback Models with Resolved X-Ray Profiles of the Hot Circumgalactic Medium. Astrophysical Journal Letters, 2022, 936, L15.	3.0	22
2065	Understanding the relation between thermal Sunyaev-Zeldovich decrement and halo mass using the <code>simba</code> and TNG simulations. Monthly Notices of the Royal Astronomical Society, 2022, 516, 4084-4096.	1.6	11
2066	Revealing the properties of void galaxies and their assembly using the <code>eagle</code> simulation. Monthly Notices of the Royal Astronomical Society, 2022, 517, 712-731.	1.6	11
2067	Inferring galaxy dark halo properties from visible matter with machine learning. Monthly Notices of the Royal Astronomical Society, 2022, 516, 3924-3943.	1.6	8
2068	Constraining SIDM with halo shapes: Revisited predictions from realistic simulations of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 516, 4543-4559.	1.6	9
2069	A multisimulation study of relativistic SZ temperature scalings in galaxy clusters and groups. Monthly Notices of the Royal Astronomical Society, 2022, 517, 5303-5324.	1.6	7
2070	Red quasars blow out molecular gas from galaxies during the peak of cosmic star formation. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3377-3391.	1.6	12
2071	Formation and Morphology of the First Galaxies in the Cosmic Morning. Astrophysical Journal, 2022, 937, 15.	1.6	11
2072	Sub-parsec resolution cosmological simulations of star-forming clumps at high redshift with feedback of individual stars. Monthly Notices of the Royal Astronomical Society, 2022, 516, 5914-5934.	1.6	12
2073	Abundance matching analysis of the emission-line galaxy sample in the extended Baryon Oscillation Spectroscopic Survey. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4253-4262.	1.6	4
2074	ASymba: H α global profile asymmetries in the <code>simba</code> simulation. Monthly Notices of the Royal Astronomical Society, 2022, 517, 1282-1298.	1.6	4
2075	Cluster environment quenches the star formation of low-mass satellite galaxies from the inside-out. Monthly Notices of the Royal Astronomical Society, 2022, 516, 4293-4306.	1.6	1
2077	Empirical scenaria of galaxy evolution. Physics-Uspekhi, 0, , .	0.8	1
2078	First Light and Reionisation Epoch Simulations (FLARES) – VI. The colour evolution of galaxies $z=5-15$. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3227-3235.	1.6	14
2079	Quenching in the Right Place at the Right Time: Tracing the Shared History of Starbursts, Active Galactic Nuclei, and Poststarburst Galaxies Using Their Structures and Multiscale Environments. Astrophysical Journal, 2022, 936, 124.	1.6	6
2080	Dipolar dark matter simulations on galaxy scales with the <code>ramses</code> code. Monthly Notices of the Royal Astronomical Society, 2022, 517, 498-506.	1.6	2

#	ARTICLE	IF	CITATIONS
2081	The chemical enrichment in the early Universe as probed by <i>JWST</i> via direct metallicity measurements at $z \approx 8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 425-438.	1.6	96
2082	The merger and assembly histories of Milky Way- and M31-like galaxies with TNG50: disc survival through mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5404-5427.	1.6	19
2083	Accurate predictions from small boxes: variance suppression via the Zel'dovich approximation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 059.	1.9	7
2084	Relativistic angular redshift fluctuations embedded in large scale varying gravitational potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 038.	1.9	1
2085	SDSS-IV MaNGA: Unveiling Galaxy Interaction by Merger Stages with Machine Learning. <i>Astrophysical Journal</i> , 2022, 937, 97.	1.6	2
2086	A Swift X-Ray View of the SMS4 Sample's X-Ray Properties of 31 Quasars and Radio Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2022, 262, 51.	3.0	2
2087	Continuous Simulation Data Stream: A dynamical timescale-dependent output scheme for simulations. <i>Astronomy and Computing</i> , 2022, , 100659.	0.8	0
2088	Simulations of black hole fueling in isolated and merging galaxies with an explicit, multiphase ISM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 4752-4767.	1.6	5
2089	Absorption Studies of the Most Diffuse Gas in the Large-Scale Structure. , 2022, , 1-43.		0
2091	Trinity I: self-consistently modelling the dark matter halo's galaxy's supermassive black hole connection from $z \approx 0$ to 10 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 2123-2163.	1.6	19
2092	Constraining the Fluctuating Gunn-Peterson Approximation using Ly α Forest Tomography at $z = 2$. <i>Astrophysical Journal</i> , 2022, 938, 123.	1.6	3
2093	Star formation quenching in the infall region around galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 4515-4528.	1.6	4
2094	DEVILS: cosmic evolution of SED-derived metallicities and their connection to star formation histories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 6035-6059.	1.6	11
2095	MUSE Analysis of Gas around Galaxies (MAGC) - IV. The gaseous environment of $z \approx 3$ Ly α emitting galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 305-331.	1.6	21
2096	From Clusters to Proto-Clusters: The Infrared Perspective on Environmental Galaxy Evolution. <i>Universe</i> , 2022, 8, 554.	0.9	11
2097	Deep investigation of neutral gas origins (DINGO): <i>stacking</i> experiments with early science data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 4646-4671.	1.6	7
2098	The contribution of <i>in situ</i> and <i>ex situ</i> star formation in early-type galaxies: MaNGA versus IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 5651-5670.	1.6	9
2099	The miniPAS survey quasar selection - I. Mock catalogues for classification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3476-3493.	1.6	7

#	ARTICLE	IF	CITATIONS
2100	Galactic satellite systems in CDM, WDM and SIDM. Monthly Notices of the Royal Astronomical Society, 2022, 517, 5627-5641.	1.6	3
2101	Unveiling the main sequence of galaxies at $z \approx 5$ with the JWST: predictions from simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 456-476.	1.6	7
2102	The ultramarine simulation: properties of dark matter haloes before redshift 5.5. Monthly Notices of the Royal Astronomical Society, 2022, 517, 6004-6012.	1.6	4
2103	An intergalactic medium temperature from a giant radio galaxy. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	1
2104	BASS XXXVII: The Role of Radiative Feedback in the Growth and Obscuration Properties of Nearby Supermassive Black Holes. Astrophysical Journal, 2022, 938, 67.	1.6	18
2105	The dispersion measure of Fast Radio Bursts host galaxies: estimation from cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 539-561.	1.6	3
2106	ALMACAL IX: Multiband ALMA survey for dusty star-forming galaxies and the resolved fractions of the cosmic infrared background. Monthly Notices of the Royal Astronomical Society, 2022, 518, 1378-1397.	1.6	7
2107	RAiSE: simulation-based analytical model of AGN jets and lobes. Monthly Notices of the Royal Astronomical Society, 2022, 518, 945-964.	1.6	2
2108	Machine learning methods to estimate observational properties of galaxy clusters in large volume cosmological N -body simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 111-129.	1.6	9
2109	Measurements of the angular momentum–mass relations in the Simba simulation. New Astronomy, 2023, 99, 101964.	0.8	2
2110	A common origin for the fundamental plane of quiescent and star-forming galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5376-5402.	1.6	4
2111	Constraining the baryonic feedback with cosmic shear using the DES Year-3 small-scale measurements. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5340-5355.	1.6	13
2112	Origin of the differences in rotational support among early-type galaxies: The case of galaxies outside clusters. Astronomy and Astrophysics, 2023, 672, A27.	2.1	3
2113	ERGO-ML I: inferring the assembly histories of IllustrisTNG galaxies from integral observable properties via invertible neural networks. Monthly Notices of the Royal Astronomical Society, 2022, 519, 2199-2223.	1.6	9
2114	Realistic $H\alpha$ scale heights of Milky Way-mass galaxies in the FIREbox cosmological volume. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 518, L63-L68.	1.2	6
2115	Photometric Objects Around Cosmic Webs (PAC) Delineated in a Spectroscopic Survey. III. Accurate Measurement of Galaxy Stellar Mass Function with the Aid of Cosmological Redshift Surveys. Astrophysical Journal, 2022, 939, 104.	1.6	4
2116	The Three Hundred Project: Connection between star formation quenching and dynamical evolution in and around simulated galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2022, 518, 2398-2417.	1.6	7
2117	The present-day gas content of simulated field dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6305-6317.	1.6	3

#	ARTICLE	IF	CITATIONS
2118	Diffstar: a fully parametric physical model for galaxy assembly history. Monthly Notices of the Royal Astronomical Society, 2022, 518, 562-584.	1.6	8
2119	A sparse regression approach for populating dark matter haloes and subhaloes with galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 518, 2903-2920.	1.6	1
2120	Extreme value statistics of the halo and stellar mass distributions at high redshift: are $\langle i \rangle$ JWST results in tension with Λ CDM?. Monthly Notices of the Royal Astronomical Society, 2022, 518, 2511-2520.	1.6	51
2121	The Velocity Dispersion Function for Massive Quiescent and Star-forming Galaxies at $0.6 < z < 1.0$. Astrophysical Journal, 2022, 939, 90.	1.6	4
2122	The buildup of galaxies and their spheroids: The contributions of mergers, disc instabilities, and star formation. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5323-5339.	1.6	6
2123	Has JWST Already Falsified Dark-matter-driven Galaxy Formation?. Astrophysical Journal Letters, 2022, 939, L31.	3.0	31
2124	First Light And Reionization Epoch Simulations (FLARES) VII: The star formation and metal enrichment histories of galaxies in the early Universe. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3935-3948.	1.6	11
2125	Morphological signatures of mergers in the TNG50 simulation and the Kilo-Degree Survey: the merger fraction from dwarfs to Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4920-4937.	1.6	11
2126	First light and reionization epoch simulations (FLARES) V: the redshift frontier. Monthly Notices of the Royal Astronomical Society, 2022, 519, 3118-3128.	1.6	26
2127	Probing the Circumgalactic Medium with X-Ray Absorption Lines. , 2022, , 1-36.		1
2128	AGN Feedback in Groups and Clusters of Galaxies. , 2022, , 1-66.		3
2129	Mesh-free hydrodynamics in pkdgrav3 for galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2022, 519, 300-317.	1.6	3
2130	How to interpret measurements of diffuse light in stacked observations of groups and clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3685-3701.	1.6	2
2131	BUDH ES V : the baryonic Tully-Fisher relation at $z \approx 0.2$ based on direct $\text{H}\alpha$ detections. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4279-4302.	1.6	3
2132	A correlation between accreted stellar kinematics and dark-matter halo spin in the artemis simulations. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 519, L87-L91.	1.2	1
2133	The dark side of galaxy stellar populations II. The dependence of star-formation histories on halo mass and on the scatter of the main sequence. Monthly Notices of the Royal Astronomical Society, 2022, 518, 6325-6339.	1.6	2
2134	Predicting sub-millimetre flux densities from global galaxy properties. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5522-5535.	1.6	10
2135	qwind3 : UV line-driven accretion disc wind models for AGN feedback. Monthly Notices of the Royal Astronomical Society, 2022, 518, 2693-2711.	1.6	1

#	ARTICLE	IF	CITATIONS
2136	Modeling cosmic reionization. <i>Living Reviews in Solar Physics</i> , 2022, 8, .	5.0	12
2137	Energy wrinkles and phase-space folds of the last major merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 6200-6215.	1.6	16
2138	Mock galaxy surveys for <i>HST</i> and <i>JWST</i> from the IllustrisTNG simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 6318-6324.	1.6	4
2139	Modelling the galaxy-halo connection with semi-recurrent neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 5670-5692.	1.6	4
2140	The Stellar Mass Function in CANDELS and Frontier Fields: The Buildup of Low-mass Passive Galaxies since $z \approx 3$. <i>Astrophysical Journal</i> , 2022, 940, 135.	1.6	10
2141	Simulated Bars May Be Shorter but Are Not Slower Than Those Observed: TNG50 versus MaNGA. <i>Astrophysical Journal</i> , 2022, 940, 61.	1.6	13
2142	GOGREEN: A critical assessment of environmental trends in cosmological hydrodynamical simulations at $z \lesssim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 4782-4800.	1.6	6
2143	The galaxy size to halo spin relation of disc galaxies in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 5253-5259.	1.6	4
2144	LYRA. III. The Smallest Reionization Survivors. <i>Astrophysical Journal</i> , 2022, 941, 120.	1.6	9
2145	The physical origin of galactic conformity: from theory to observation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 1913-1930.	1.6	6
2146	X-ray absorption lines in the warm-hot intergalactic medium: probing <i>Chandra</i> observations with the CAMEL simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 2251-2261.	1.6	3
2147	Star Formation History and Transition Epoch of Cluster Galaxies Based on the Horizon-AGN Simulation. <i>Astrophysical Journal</i> , 2022, 941, 5.	1.6	1
2148	The Uchuu-UniverseMachine dataset: Galaxies in and around Clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
2149	The hot gas distribution, X-ray luminosity, and baryon budget in the L-Galaxies semi-analytic model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 4344-4359.	1.6	1
2150	Unravelling the interplay between SIDM and baryons in MW haloes: defining where baryons dictate heat transfer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 5623-5636.	1.6	5
2151	Mangrove: Learning Galaxy Properties from Merger Trees. <i>Astrophysical Journal</i> , 2022, 941, 7.	1.6	10
2152	Spatial field reconstruction with INLA. Application to simulated galaxies. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	1
2153	Kinematic Lensing with the Roman Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0

#	ARTICLE	IF	CITATIONS
2154	The origin of stars in the inner 500 parsecs in TNG50 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 5202-5235.	1.6	5
2155	Shape, alignment, and mass distribution of baryonic and dark-matter halos in one EAGLE simulation. <i>Astronomy and Astrophysics</i> , 2023, 669, A132.	2.1	3
2156	Effects of Inner Halo Angular Momentum on the Peanut/X Shapes of Bars. <i>Astrophysical Journal</i> , 2022, 940, 175.	1.6	5
2157	Dust contribution to the panchromatic galaxy emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	1
2158	Is the Core-cusp Problem a Matter of Perspective? Jeans Anisotropic Modeling against Numerical Simulations. <i>Astrophysical Journal</i> , 2022, 941, 108.	1.6	1
2159	The interconnection between galaxy mergers, AGN activity, and rapid quenching of star formation in simulated post-merger galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 2119-2137.	1.6	6
2160	Shaken, but not expelled: Gentle baryonic feedback from nearby starburst dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2023, 670, A92.	2.1	19
2161	Great balls of FIRE – I. The formation of star clusters across cosmic time in a Milky Way-mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 1366-1380.	1.6	14
2162	Constraining galactic baryon cycle using the galaxy Stellar-to-Halo Mass Relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
2163	Redshift evolution of galaxy group X-ray properties in the <scp>Simba</scp> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 5826-5842.	1.6	2
2164	The galaxy morphology–density relation in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 5260-5278.	1.6	1
2165	Fast Multipole Method for Gravitational Lensing: Application to High-magnification Quasar Microlensing. <i>Astrophysical Journal</i> , 2022, 941, 80.	1.6	5
2166	Gas-phase metallicity break radii of star-forming galaxies in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 4716-4734.	1.6	5
2167	Quenching in cosmic sheets: tracing the impact of large-scale structure collapse on the evolution of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2692-2708.	1.6	8
2168	The cosmic UV background and the beginning and end of star formation in simulated field dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 1425-1436.	1.6	9
2169	Extraterrestrial Axion Search with the Breakthrough Listen Galactic Center Survey. <i>Physical Review Letters</i> , 2022, 129, .	2.9	19
2170	LoTSS Jellyfish Galaxies. IV. Enhanced Star Formation on the Leading Half of Cluster Galaxies and Gas Compression in IC3949. <i>Astrophysical Journal</i> , 2022, 941, 77.	1.6	13
2171	Colour gradients of low-redshift galaxies in the DESI Legacy Imaging Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 3999-4023.	1.6	2

#	ARTICLE	IF	CITATIONS
2172	Globular cluster metallicity distributions in the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5384-5401.	1.6	3
2173	There and back again: Understanding the critical properties of backsplash galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 520, 649-667.	1.6	7
2174	The Tucana dwarf spheroidal: a distant backsplash galaxy of M31?. Monthly Notices of the Royal Astronomical Society, 2023, 520, 55-62.	1.6	2
2175	Ageing and quenching through the ageing diagram: predictions from simulations and observational constraints. Monthly Notices of the Royal Astronomical Society, 2023, 520, 193-209.	1.6	7
2176	Stellar feedback-regulated black hole growth: driving factors from nuclear to halo scales. Monthly Notices of the Royal Astronomical Society, 2023, 520, 722-739.	1.6	10
2177	The Dawes Review 10: The impact of deep learning for the analysis of galaxy surveys. Publications of the Astronomical Society of Australia, 2023, 40, .	1.3	21
2178	Application of dimensionality reduction and clustering algorithms for the classification of kinematic morphologies of galaxies. Astronomy and Astrophysics, 0, , .	2.1	1
2179	The physical nature of circumgalactic medium absorbers in <scp>Simba</scp>. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5514-5535.	1.6	5
2180	Real and counterfeit cores: how feedback expands haloes and disrupts tracers of inner gravitational potential in dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 520, 461-479.	1.6	4
2181	SDSS-IV MaNGA: How Galaxy Interactions Influence Active Galactic Nuclei. Astrophysical Journal, 2023, 942, 107.	1.6	7
2182	Applying unsupervised learning to resolve evolutionary histories and explore the galaxy-halo connection in IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	0
2183	The impact of spurious collisional heating on the morphological evolution of simulated galactic discs. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5942-5961.	1.6	12
2184	The volume density of giant low surface brightness galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 520, L85-L90.	1.2	5
2185	The ngEHT's Role in Measuring Supermassive Black Hole Spins. Galaxies, 2023, 11, 6.	1.1	9
2186	Effects of Active Galactic Nucleus Feedback on Cold Gas Depletion and Quenching of Central Galaxies. Astrophysical Journal, 2022, 941, 205.	1.6	5
2187	Nature of star formation in first galaxies. Proceedings of the International Astronomical Union, 2020, 16, 39-44.	0.0	0
2188	Cosmic metal invaders: Intergalactic O ⁺ VII as a tracer of the warm-hot intergalactic medium within cosmic filaments in the EAGLE simulation. Astronomy and Astrophysics, 2023, 671, A103.	2.1	3
2189	Determining satellite infall times using machine learning. Monthly Notices of the Royal Astronomical Society, 2023, 520, 1704-1720.	1.6	3

#	ARTICLE	IF	CITATIONS
2190	Simulating Hydrodynamics in Cosmology with CRK-HACC. <i>Astrophysical Journal, Supplement Series</i> , 2023, 264, 34.	3.0	6
2191	Relating galaxies across different redshift to study galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 1774-1788.	1.6	4
2192	The internal metallicity distributions of simulated galaxies from EAGLE, Illustris, and IllustrisTNG at $z \sim 1.8$ as probed by gamma-ray burst hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 879-896.	1.6	2
2193	The quasi-adiabatic relaxation of haloes in the IllustrisTNG and EAGLE cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2867-2886.	1.6	2
2194	Investigating the variability of Swift-BAT blazars with NICER. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 1044-1054.	1.6	1
2195	A comparison of the baryonic Tully-Fisher relation in MaNGA and IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3895-3908.	1.6	5
2196	Critical Metallicity of Cool Supergiant Formation. I. Effects on Stellar-mass Loss and Feedback. <i>Astrophysical Journal</i> , 2023, 944, 34.	1.6	3
2197	Chemodynamically Tagged Groups of CEMP Stars in the Halo of the Milky Way. I. Untangling the Origins of CEMP-s and CEMP-no Stars. <i>Astrophysical Journal</i> , 2023, 947, 23.	1.6	10
2198	Massive galaxy formation caught in action at $z \sim 5$ with JWST. <i>Astronomy and Astrophysics</i> , 2023, 670, L11.	2.1	7
2199	A new framework for understanding the evolution of early-type galaxies. <i>Astronomy and Astrophysics</i> , 2023, 674, A156.	2.1	2
2200	The Supersonic Project: The Early Evolutionary Path of Supersonically Induced Gas Objects. <i>Astrophysical Journal</i> , 2023, 943, 132.	1.6	4
2201	MusE GAS FLOW and Wind (MEGAFLOW) IX. The impact of gas flows on the relations between the mass, star formation rate, and metallicity of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 546-557.	1.6	2
2202	EAGLE-like simulation models do not solve the entropy core problem in groups and clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3164-3186.	1.6	3
2203	The effect of AGN feedback on shape of dark matter haloes. <i>Journal of Physics: Conference Series</i> , 2023, 2431, 012083.	0.3	0
2204	The bacco simulation project: bacco hybrid Lagrangian bias expansion model in redshift space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3725-3741.	1.6	7
2205	Can Cosmological Simulations Reproduce the Spectroscopically Confirmed Galaxies Seen at $z \approx 10$?. <i>Astrophysical Journal Letters</i> , 2023, 943, L28.	3.0	11
2206	Modelling the accretion and feedback of supermassive black hole binaries in gas-rich galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 4463-4489.	1.6	9
2207	On the edge: the relation between stellar and dark matter haloes of Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3767-3787.	1.6	3

#	ARTICLE	IF	CITATIONS
2208	SUPER VII. morphology and kinematics of H α emission in AGN host galaxies at cosmic noon using SINFONI. Monthly Notices of the Royal Astronomical Society, 2023, 520, 5783-5802.	1.6	4
2209	Enhanced Star Formation Efficiency in the Central Regions of Nearby Quasar Hosts. Astrophysical Journal, 2023, 944, 30.	1.6	7
2210	Active galactic nuclei jets simulated with smoothed particle hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2023, 520, 5090-5109.	1.6	3
2211	Calibrating Cosmological Simulations with Implicit Likelihood Inference Using Galaxy Growth Observables. Astrophysical Journal, 2023, 944, 67.	1.6	6
2212	Galaxy Populations in Groups and Clusters: Evidence for a Characteristic Stellar Mass Scale at $M_{\star} \sim 10^{10.5} M_{\odot}$. Astrophysical Journal, 2023, 944, 75.	1.6	1
2213	Constraints on galactic outflows from the metallicity–stellar mass–SFR relation of EAGLE simulation and SDSS galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 521, 411-432.	1.6	2
2214	The Fundamental Signature of Star Formation Quenching from AGN Feedback: A Critical Dependence of Quiescence on Supermassive Black Hole Mass, Not Accretion Rate. Astrophysical Journal, 2023, 944, 108.	1.6	10
2215	The Bimodal Absorption System Imaging Campaign (BASIC). I. A Dual Population of Low-metallicity Absorbers at $z \lesssim 1$. Astrophysical Journal, 2023, 944, 101.	1.6	10
2216	The SAMI survey: evidence for dynamical coupling of ionized gas and young stellar populations. Monthly Notices of the Royal Astronomical Society, 2023, 521, 84-98.	1.6	2
2217	Exploring supermassive black hole physics and galaxy quenching across halo mass in FIRE cosmological zoom simulations. Monthly Notices of the Royal Astronomical Society, 2023, 520, 5394-5412.	1.6	12
2218	Unveiling hidden active nuclei in MaNGA star-forming galaxies with He II 4686 line emission. Monthly Notices of the Royal Astronomical Society, 2023, 521, 1264-1276.	1.6	5
2219	The diversity of rotation curves of simulated galaxies with cusps and cores. Monthly Notices of the Royal Astronomical Society, 2023, 521, 1316-1336.	1.6	9
2220	The local dark matter distribution in self-interacting dark matter halos. Journal of Cosmology and Astroparticle Physics, 2023, 2023, 040.	1.9	3
2221	A Multiwavelength Study of Active Galactic Nuclei in Post-merger Remnants. Astrophysical Journal, 2023, 944, 168.	1.6	4
2222	Cosmic gas highways in C-EAGLE simulations. Astronomy and Astrophysics, 2023, 673, A62.	2.1	4
2223	The growth of brightest cluster galaxies in the TNG300 simulation: dissecting the contributions from mergers and in situ star formation. Monthly Notices of the Royal Astronomical Society, 2023, 521, 800-817.	1.6	5
2224	The AGNIFS survey: spatially resolved observations of hot molecular and ionized outflows in nearby active galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 521, 1832-1848.	1.6	4
2225	Cosmic web & caustic skeleton: non-linear constrained realizations – 2D case studies. Journal of Cosmology and Astroparticle Physics, 2023, 2023, 058.	1.9	3

#	ARTICLE	IF	CITATIONS
2226	The Supersonic Project: The Eccentricity and Rotational Support of SIGOs and DM GHOSs. <i>Astrophysical Journal</i> , 2023, 945, 6.	1.6	3
2227	Study of Central Intensity Ratio of Seyfert Galaxies in Nearby Universe. <i>Research in Astronomy and Astrophysics</i> , 2023, 23, 045008.	0.7	1
2228	Differences among IllustrisTNG series and a Brief Comparison with the Illustris Project. <i>Journal of Physics: Conference Series</i> , 2023, 2441, 012027.	0.3	0
2229	New dwarf galaxy candidates in the sphere of influence of the Local Volume spiral galaxy NGC2683. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4009-4023.	1.6	2
2230	The bar rotation rate as a diagnostic of dark matter content in the centre of disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 2227-2238.	1.6	5
2231	INFERNO: Galactic winds in dwarf galaxies with star-by-star simulations including runaway stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 2196-2214.	1.6	12
2232	Spiral arms are metal freeways: azimuthal gas-phase metallicity variations in flocculent discs in the FIRE-2 cosmological zoom-in simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 3708-3726.	1.6	4
2233	Velocity-dependent J-factors for Milky Way dwarf spheroidal analogues in cosmological simulations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2023, 2023, 021.	1.9	0
2234	Non-parametric galaxy morphology from stellar and nebular emission with the CALIFA sample. <i>Astronomy and Astrophysics</i> , 2023, 673, A63.	2.1	5
2235	Major Mergers as Possible Drivers of the Galaxy Mass Assembly in the Early Universe: New Insights from ALMA Observations. , 0, , .		0
2236	The SAMI Galaxy Survey: Environmental analysis of the orbital structures of passive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 2671-2691.	1.6	4
2237	VLA Legacy Survey of Molecular Gas in Massive Star-forming Galaxies at High Redshift. <i>Astrophysical Journal</i> , 2023, 945, 128.	1.6	6
2238	Astrophysics with the Laser Interferometer Space Antenna. <i>Living Reviews in Relativity</i> , 2023, 26, .	8.2	107
2239	Revealing the Galaxyâ€“Halo Connection through Machine Learning. <i>Astrophysical Journal</i> , 2023, 945, 122.	1.6	3
2240	MaNGIA: 10 000 mock galaxies for stellar population analysis. <i>Astronomy and Astrophysics</i> , 2023, 673, A23.	2.1	10
2241	Color Gradients and Half-mass Radii of Galaxies Out to $z = 2$ in the CANDELS/3D-HST Fields: Further Evidence for Important Differences in the Evolution of Mass-weighted and Light-weighted Sizes. <i>Astrophysical Journal</i> , 2023, 945, 155.	1.6	10
2242	Spatially resolved observations of outflows in the radio loud AGN of UGCâ€“8782. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 3260-3272.	1.6	3
2243	The Impact of Super Massive Black Hole (SMBH) on Galaxy and Star. , 0, 38, 383-390.		0

#	ARTICLE	IF	CITATIONS
2244	The many reasons that the rotation curves of low-mass galaxies can fail as tracers of their matter distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	3
2245	The atomic-to-molecular hydrogen transition in the TNG50 simulation: Using realistic UV fields to create spatially resolved H ₂ maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 5645-5668.	1.6	6
2246	The complex interplay of AGN jet-inflated bubbles and the intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4375-4394.	1.6	3
2247	Rhapsody-C simulations – anisotropic thermal conduction, black hole physics, and the robustness of massive galaxy cluster scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 721-749.	1.6	2
2248	Constraining the shape of dark matter haloes with globular clusters and diffuse stellar light in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 6368-6382.	1.6	2
2249	The most luminous, merger-free AGNs show only marginal correlation with bar presence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 211-225.	1.6	1
2250	Expectations of the Size Evolution of Massive Galaxies at $3 \lesssim z \lesssim 6$ from the TNG50 Simulation: The CEERS/JWST View. <i>Astrophysical Journal</i> , 2023, 946, 71.	1.6	15
2251	DeepAstroUDA: semi-supervised universal domain adaptation for cross-survey galaxy morphology classification and anomaly detection. <i>Machine Learning: Science and Technology</i> , 2023, 4, 025013.	2.4	5
2252	Modelling dark matter halo spin using observations and simulations: application to UGC 5288. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 2967-2994.	1.6	3
2253	CosmoDRAGoN simulations – I. Dynamics and observable signatures of radio jets in cosmological environments. <i>Publications of the Astronomical Society of Australia</i> , 2023, 40, .	1.3	1
2254	Dark against Luminous Matter around Isolated Central Galaxies: A Comparative Study between Modern Surveys and IllustrisTNG. <i>Astrophysical Journal</i> , 2023, 947, 19.	1.6	1
2255	Cold molecular gas outflow encasing the ionized one in the Seyfert galaxy NGC 3281. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 3753-3765.	1.6	4
2256	An Atlas of Color-selected Quiescent Galaxies at $z \gtrsim 3$ in Public JWST Fields. <i>Astrophysical Journal</i> , 2023, 947, 20.	1.6	20
2257	Late-formed haloes prefer to host quiescent central galaxies – I. Observational results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 3188-3200.	1.6	4
2258	Digging deeper into NGC 6868 I: Stellar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 2570-2583.	1.6	1
2259	On the hosts of neutron star mergers in the nearby Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
2274	Chemo-dynamical Evolution of Galaxies. , 2023, , 1-49.		1
2277	The Dawn of Black Holes. , 2023, , 1-61.		1

#	ARTICLE	IF	CITATIONS
2350	Galaxy Formation from a Timescale Perspective. Mathematics Online First Collections, 2023, , 105-145.	0.1	0
2373	The nature of compact radio sources: the case of FRÅ0 radio galaxies. Astronomy and Astrophysics Review, 2023, 31, .	9.1	6
2404	Chemo-dynamical Evolution of Galaxies. , 2023, , 3211-3259.		0
2538	Probing the Circumgalactic Medium with X-ray Absorption Lines. , 2024, , 4445-4480.		0
2539	AGN Feedback in Groups and Clusters of Galaxies. , 2024, , 4895-4960.		0
2540	Absorption Studies of the Most Diffuse Gas in the Large-Scale Structure. , 2024, , 4851-4893.		0
2541	The Dawn of Black Holes. , 2024, , 4617-4677.		0