

Gusty, gaseous flows of FIRE: galactic winds in cosmological stellar feedback

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Citation Report

#	ARTICLE	IF	CITATIONS
1	IROCKS: SPATIALLY RESOLVED KINEMATICS OF $z \sim 1/4$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2016, 831, 78.	1.6	27
2	MASS TRANSPORT AND TURBULENCE IN GRAVITATIONALLY UNSTABLE DISK GALAXIES. II. THE EFFECTS OF STAR FORMATION FEEDBACK. <i>Astrophysical Journal</i> , 2016, 827, 28.	1.6	62
3	MUSE GAS FLOW AND WIND (MEGAFLOW). I. FIRST MUSE RESULTS ON BACKGROUND QUASARS*. <i>Astrophysical Journal</i> , 2016, 833, 39.	1.6	72
4	THE COS-HALOS SURVEY: ORIGINS OF THE HIGHLY IONIZED CIRCUMGALACTIC MEDIUM OF STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 54.	1.6	141
5	Outflows in low-mass galaxies at $z > 1$. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 339-341.	0.0	0
6	THE IMPACT OF STELLAR FEEDBACK ON THE STRUCTURE, SIZE, AND MORPHOLOGY OF GALAXIES IN MILKY-WAY-SIZED DARK MATTER HALOS. <i>Astrophysical Journal</i> , 2016, 824, 79.	1.6	96
7	The SAMI Galaxy Survey: extraplanar gas, galactic winds and their association with star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1257-1278.	1.6	70
8	The growth and enrichment of intragroup gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4266-4290.	1.6	34
9	Supernova feedback in a local vertically stratified medium: interstellar turbulence and galactic winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2311-2326.	1.6	89
10	Binary stars can provide the "missing photons" needed for reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3614-3619.	1.6	115
11	The impact of stellar feedback on hot gas in galaxy haloes: the Sunyaev-Zel'dovich effect and soft X-ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4533-4544.	1.6	47
12	Galaxy Formation and Evolution. <i>Space Science Reviews</i> , 2016, 202, 79-109.	3.7	3
13	mufasa: galaxy formation simulations with meshless hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3265-3284.	1.6	243
14	RECONCILING DWARF GALAXIES WITH Λ CDM COSMOLOGY: SIMULATING A REALISTIC POPULATION OF SATELLITES AROUND A MILKY WAY-MASS GALAXY. <i>Astrophysical Journal Letters</i> , 2016, 827, L23.	3.0	430
15	The evolution of post-starburst galaxies from $z=2$ to 0.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 832-844.	1.6	102
16	THE CONTRIBUTION OF HOST GALAXIES TO THE INFRARED ENERGY OUTPUT OF $z \sim 3$ QUASARS. <i>Astrophysical Journal</i> , 2016, 816, 85.	1.6	37
17	A unified multiwavelength model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3854-3911.	1.6	290
18	Cosmological galaxy evolution with superbubble feedback II. The limits of supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1431-1445.	1.6	45

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19	A robust measurement of the mass outflow rate of the galactic outflow from NGC 6090. Monthly Notices of the Royal Astronomical Society, 2016, 463, 541-556.	1.6	45
20	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
21	BREATHING FIRE: HOW STELLAR FEEDBACK DRIVES RADIAL MIGRATION, RAPID SIZE FLUCTUATIONS, AND POPULATION GRADIENTS IN LOW-MASS GALAXIES. Astrophysical Journal, 2016, 820, 131.	1.6	205
22	RECONCILING THE STELLAR AND NEBULAR SPECTRA OF HIGH-REDSHIFT GALAXIES*. Astrophysical Journal, 2016, 826, 159.	1.6	314
23	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
24	SDSS-IV MaNGA: faint quenched galaxies â€“ I. Sample selection and evidence for environmental quenching. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3955-3978.	1.6	30
25	Satellite quenching time-scales in clusters from projected phase space measurements matched to simulated orbits. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3083-3095.	1.6	82
26	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
27	Baryon cycling in the low-redshift circumgalactic medium: a comparison of simulations to the COS-Halos survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1745-1763.	1.6	65
28	Column density profiles of multiphase gaseous haloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1164-1187.	1.6	58
29	IN-N-OUT: THE GAS CYCLE FROM DWARFS TO SPIRAL GALAXIES. Astrophysical Journal, 2016, 824, 57.	1.6	161
30	Stellar and quasar feedback in concert: effects on AGN accretion, obscuration, and outflows. Monthly Notices of the Royal Astronomical Society, 2016, 458, 816-831.	1.6	143
31	The formation of massive, quiescent galaxies at cosmic noon. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L14-L18.	1.2	78
32	The origin and evolution of the galaxy massâ€“metallicity relation. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2140-2156.	1.6	307
33	HYDRODYNAMICAL COUPLING OF MASS AND MOMENTUM IN MULTIPHASE GALACTIC WINDS. Astrophysical Journal, 2017, 834, 144.	1.6	108
34	Cosmic Ray Acceleration by a Versatile Family of Galactic Wind Termination Shocks. Astrophysical Journal, 2017, 835, 72.	1.6	29
35	When the Jeans Do Not Fit: How Stellar Feedback Drives Stellar Kinematics and Complicates Dynamical Modeling in Low-mass Galaxies. Astrophysical Journal, 2017, 835, 193.	1.6	41
36	Quasars Probing Galaxies. I. Signatures of Gas Accretion at Redshift $z \sim 0.2$ â€“. Astrophysical Journal, 2017, 835, 267.	1.6	81

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37	Λ CDM is Consistent with SPARC Radial Acceleration Relation. <i>Astrophysical Journal Letters</i> , 2017, 835, L17.	3.0	66
38	Theoretical Challenges in Galaxy Formation. <i>Annual Review of Astronomy and Astrophysics</i> , 2017, 55, 59-109.	8.1	443
39	No Evidence for Feedback: Unexceptional Low-ionization Winds in Host Galaxies of Low Luminosity Active Galactic Nuclei at Redshift $z \approx 1$. <i>Astrophysical Journal</i> , 2017, 841, 83.	1.6	11
40	Anisotropic diffusion in mesh-free numerical magnetohydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3387-3405.	1.6	80
41	Advanced LIGO Constraints on Neutron Star Mergers and r-process Sites. <i>Astrophysical Journal</i> , 2017, 836, 230.	1.6	71
42	[C II] 158- μ m emission from the host galaxies of damped Lyman-alpha systems. <i>Science</i> , 2017, 355, 1285-1288.	6.0	50
43	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
44	Variations of the stellar initial mass function in semi-analytical models: implications for the mass assembly and the chemical enrichment of galaxies in the gaea model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3812-3824.	1.6	48
45	The EAGLE simulations: atomic hydrogen associated with galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4204-4226.	1.6	130
46	The no-spin zone: rotation versus dispersion support in observed and simulated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2420-2431.	1.6	80
47	The structure and dynamical evolution of the stellar disc of a simulated Milky Way-mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2430-2444.	1.6	125
48	The Evolution and Properties of Rotating Massive Star Populations. <i>Astrophysical Journal</i> , 2017, 838, 159.	1.6	58
49	On the Formation of the First Quasars. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	1.3	64
50	The cosmic baryon cycle and galaxy mass assembly in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4698-4719.	1.6	289
51	Not so lumpy after all: modelling the depletion of dark matter subhaloes by Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1709-1727.	1.6	242
52	The minimum halo mass for star formation at $z \approx 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1633-1639.	1.6	21
53	The Circumgalactic Medium. <i>Annual Review of Astronomy and Astrophysics</i> , 2017, 55, 389-432.	8.1	635
54	HST/COS OBSERVATIONS OF IONIZED GAS ACCRETION AT THE DISK-HALO INTERFACE OF M33. <i>Astrophysical Journal</i> , 2017, 834, 179.	1.6	34

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55	COS-burst: Observations of the Impact of Starburst-driven Winds on the Properties of the Circum-galactic Medium. <i>Astrophysical Journal</i> , 2017, 846, 151.	1.6	65
56	Stacked Star Formation Rate Profiles of Bursty Galaxies Exhibit “Coherent” Star Formation. <i>Astrophysical Journal Letters</i> , 2017, 849, L2.	3.0	19
57	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2017, 846, 141.	1.6	17
58	Modeling for Stellar Feedback in Galaxy Formation Simulations. <i>Astrophysical Journal</i> , 2017, 836, 204.	1.6	26
59	High Angular Momentum Halo Gas: A Feedback and Code-independent Prediction of LCDM. <i>Astrophysical Journal</i> , 2017, 843, 47.	1.6	74
60	Strong Stellar-driven Outflows Shape the Evolution of Galaxies at Cosmic Dawn. <i>Astrophysical Journal Letters</i> , 2017, 842, L14.	3.0	20
61	NIHAO “ VIII. Circum-galactic medium and outflows “ The puzzles of H ¹ and O ^{VI} gas distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2796-2815.	1.6	48
62	(Star)bursts of FIRE: observational signatures of bursty star formation in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 88-104.	1.6	169
63	Colours, star formation rates and environments of star-forming and quiescent galaxies at the cosmic noon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1050-1072.	1.6	65
64	The mass and momentum outflow rates of photoionized galactic outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4831-4849.	1.6	114
65	Feedback first: the surprisingly weak effects of magnetic fields, viscosity, conduction and metal diffusion on sub-L* galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 144-166.	1.6	113
66	Young and turbulent: the early life of massive galaxy progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4080-4100.	1.6	27
67	Metal flows of the circumgalactic medium, and the metal budget in galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4170-4188.	1.6	119
68	fire in the field: simulating the threshold of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3547-3562.	1.6	173
69	Stellar Populations in a semi-analytic model I: Bulges of Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4133-4143.	1.6	5
70	Evolution of Galactic Outflows at Revealed with SDSS, DEEP2, and Keck Spectra. <i>Astrophysical Journal</i> , 2017, 850, 51.	1.6	34
71	The Importance of Preventive Feedback: Inference from Observations of the Stellar Masses and Metallicities of Milky Way Dwarf Galaxies. <i>Astrophysical Journal</i> , 2017, 846, 66.	1.6	25
72	An analytic resolution to the competition between Lyman- α Werner radiation and metal winds in direct collapse black hole hosts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4034-4038.	1.6	10

#	ARTICLE	IF	CITATIONS
73	SĀGAME Simulations of the , , and Line Emission from Star-forming Galaxies at. Astrophysical Journal, 2017, 846, 105.	1.6	76
74	Comparing models for IMF variation across cosmological time in Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2107-2116.	1.6	20
75	Dwarf galaxy mass estimators versus cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4786-4796.	1.6	23
76	How supernovae launch galactic winds?. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 470, L39-L43.	1.2	67
77	Giant clumps in the FIRE simulations: a case study of a massive high-redshift galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 465, 952-969.	1.6	90
78	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
79	Low-redshift Lyman limit systems as diagnostics of cosmological inflows and outflows. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2292-2304.	1.6	65
80	The Impact of Modeling Assumptions in Galactic Chemical Evolution Models. Astrophysical Journal, 2017, 835, 128.	1.6	70
81	Mg ii Absorption at 2Å<Å<Å7 with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. Astrophysical Journal, 2017, 850, 188.	1.6	42
82	Mufasa: Galaxy star formation, gas, and metal properties across cosmic time. Monthly Notices of the Royal Astronomical Society, 0, , stx108.	1.6	84
83	The impact of star formation feedback on the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3810-3826.	1.6	123
84	mufasa: the assembly of the red sequence. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1671-1687.	1.6	38
85	How stellar feedback simultaneously regulates star formation and drives outflows. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1682-1698.	1.6	151
86	Black holes on FIRE: stellar feedback limits early feeding of galactic nuclei. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 472, L109-L114.	1.2	176
87	H2-based star formation laws in hierarchical models of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 968-993.	1.6	51
88	Why do high-redshift galaxies show diverse gas-phase metallicity gradients?. Monthly Notices of the Royal Astronomical Society, 0, , stx034.	1.6	46
89	MultiDark-Galaxies: data release and first results. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5206-5231.	1.6	60
90	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 492-521.	1.6	42

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91	The Mass and Absorption Columns of Galactic Gaseous Halos. <i>Astrophysical Journal</i> , 2018, 856, 5.	1.6	29
92	On the deuterium abundance and the importance of stellar mass loss in the interstellar and intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 80-92.	1.6	9
93	Origins of carbon-enhanced metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 984-995.	1.6	16
94	Recent progress in simulating galaxy formation from the largest to the smallest scales. <i>Nature Astronomy</i> , 2018, 2, 368-373.	4.2	8
95	A clumpy and anisotropic galaxy halo at redshift 1 from gravitational-arc tomography. <i>Nature</i> , 2018, 554, 493-496.	13.7	59
96	Simulating galaxy formation with the IllustrisTNG model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4077-4106.	1.6	1,144
97	Gas flows in the circumgalactic medium around simulated high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4279-4301.	1.6	22
98	Ionized gas kinematics in bipolar H&II regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3530-3543.	1.6	8
99	Metallicity Distribution of Disk Stars and the Formation History of the Milky Way. <i>Astrophysical Journal</i> , 2018, 855, 104.	1.6	18
100	The Spread of Metals into the Low-redshift Intergalactic Medium. <i>Astrophysical Journal</i> , 2018, 855, 18.	1.6	11
101	The SAMI Galaxy Survey: understanding observations of large-scale outflows at low redshift with EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 380-397.	1.6	9
102	The Fate of Supernova-heated Gas in Star-forming Regions of the LMC: Lessons for Galaxy Formation?. <i>Astrophysical Journal</i> , 2018, 863, 49.	1.6	18
103	Dust in the Wind: Composition and Kinematics of Galaxy Outflows at the Peak Epoch of Star Formation. <i>Astrophysical Journal</i> , 2018, 863, 191.	1.6	28
104	Reionization in Technicolor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2628-2649.	1.6	51
105	Fast winds drive slow shells: a model for the circumgalactic medium as galactic wind-driven bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1873-1896.	1.6	36
106	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
107	Galaxy mergers moulding the circum-galactic medium – I. The impact of a major merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1160-1176.	1.6	44
108	The prevalence and properties of cold gas inflows and outflows around galaxies in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	31

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109	Submillimetre flux as a probe of molecular ISM mass in high- z galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 478, L83-L88.	1.2	37
110	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
111	Galaxies Probing Galaxies in PRIMUS. II. The Coherence Scale of the Cool Circumgalactic Medium. <i>Astrophysical Journal</i> , 2018, 868, 142.	1.6	24
112	Dark Molecular Gas in Simulations of $z \sim 1/4$ Disk Galaxies. <i>Astrophysical Journal</i> , 2018, 869, 73.	1.6	18
113	A Review of the Theory of Galactic Winds Driven by Stellar Feedback. <i>Galaxies</i> , 2018, 6, 114.	1.1	63
114	LBT/ARGOS adaptive optics observations of $z \sim 2$ lensed galaxies. <i>Astronomy and Astrophysics</i> , 2018, 618, A36.	2.1	7
115	Tracing Outflowing Metals in Simulations of Dwarf and Spiral Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 142.	1.6	51
116	Shark: introducing an open source, free, and flexible semi-analytic model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3573-3603.	1.6	164
117	Spatially Resolved $^{12}\text{CO}(2\rightarrow 1)/^{12}\text{CO}(1\rightarrow 0)$ in the Starburst Galaxy NGC 253: Assessing Optical Depth to Constrain the Molecular Mass Outflow Rate. <i>Astrophysical Journal</i> , 2018, 867, 111.	1.6	24
118	On the Interpretation of Far-infrared Spectral Energy Distributions. I. The 850 μm Molecular Mass Estimator. <i>Astrophysical Journal</i> , 2018, 867, 102.	1.6	21
119	Metal-enriched galactic outflows shape the mass-metallicity relationship. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1690-1706.	1.6	78
120	A Theory for the Variation of Dust Attenuation Laws in Galaxies. <i>Astrophysical Journal</i> , 2018, 869, 70.	1.6	85
121	A Review of Recent Observations of Galactic Winds Driven by Star Formation. <i>Galaxies</i> , 2018, 6, 138.	1.1	75
122	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
123	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
124	Structural and dynamical properties of galaxies in a hierarchical Universe: sizes and specific angular momenta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1376-1400.	1.6	32
125	Predicting the neutral hydrogen content of galaxies from optical data using machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4509-4525.	1.6	16
126	No assembly required: mergers are mostly irrelevant for the growth of low-mass dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 319-331.	1.6	48

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127	Galactic outflows, star formation histories, and time-scales in starburst dwarf galaxies from STARBIRDS. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3164-3177.	1.6	22
128	FIRE-2 simulations: physics versus numerics in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 800-863.	1.6	676
129	The origin of ultra diffuse galaxies: stellar feedback and quenching. Monthly Notices of the Royal Astronomical Society, 2018, 478, 906-925.	1.6	125
130	Fast molecular outflow from a dusty star-forming galaxy in the early Universe. Science, 2018, 361, 1016-1019.	6.0	59
131	Characterizing the circum-galactic medium of damped Lyman- α absorbing galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3120-3132.	1.6	26
132	Star Cluster Formation in Cosmological Simulations. II. Effects of Star Formation Efficiency and Stellar Feedback. Astrophysical Journal, 2018, 861, 107.	1.6	56
133	Column Density Profiles of Cold Clouds Driven by Galactic Outflows. Astrophysical Journal, 2018, 864, 96.	1.6	6
134	Painting galaxies into dark matter haloes using machine learning. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3410-3422.	1.6	41
135	Gas kinematics, morphology and angular momentum in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1930-1955.	1.6	131
136	A model for the origin of bursty star formation in galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3717-3731.	1.6	80
137	Modelling chemical abundance distributions for dwarf galaxies in the Local Group: the impact of turbulent metal diffusion. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2194-2211.	1.6	111
138	The IRX- τ_{220} dust attenuation relation in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1718-1736.	1.6	83
139	Formation of globular cluster candidates in merging proto-galaxies at high redshift: a view from the FIRE cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4232-4244.	1.6	79
140	mufasa: the strength and evolution of galaxy conformity in various tracers. Monthly Notices of the Royal Astronomical Society, 2018, 475, 955-973.	1.6	10
141	Aligned metal absorbers and the ultraviolet background at the end of reionization. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4717-4727.	1.6	14
142	Validating Semi-analytic Models of High-redshift Galaxy Formation Using Radiation Hydrodynamical Simulations. Astrophysical Journal, 2018, 859, 67.	1.6	32
143	The dependence of cosmic ray-driven galactic winds on halo mass. Monthly Notices of the Royal Astronomical Society, 2018, 475, 570-584.	1.6	65
144	Impact of Lyman alpha pressure on metal-poor dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4617-4635.	1.6	35

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145	Numerical Simulations of Multiphase Winds and Fountains from Star-forming Galactic Disks. I. Solar Neighborhood TIGRESS Model. <i>Astrophysical Journal</i> , 2018, 853, 173.	1.6	138
146	Gas kinematics in FIRE simulated galaxies compared to spatially unresolved H α observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1536-1548.	1.6	37
147	Semi-analytic galaxies â€“ I. Synthesis of environmental and star-forming regulation mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2-24.	1.6	95
148	Exploring the dust content of galactic winds with Herschel â€“ II. Nearby dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 699-726.	1.6	13
149	Clocking the Evolution of Post-starburst Galaxies: Methods and First Results. <i>Astrophysical Journal</i> , 2018, 862, 2.	1.6	57
150	Cosmic CARNage II: the evolution of the galaxy stellar mass function in observations and galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1197-1210.	1.6	14
151	How to model supernovae in simulations of star and galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1578-1603.	1.6	140
152	A Galaxy Redshift Survey Near HST/COS AGN Sight Lines. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 11.	3.0	25
153	Predicting the binary black hole population of the Milky Way with cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2704-2718.	1.6	64
154	A Lyman limit system associated with galactic windsâ€¦... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	19
155	Simulating galaxies in the reionization era with FIRE-2: galaxy scaling relations, stellar mass functions, and luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1694-1715.	1.6	106
156	Diffuse X-Ray-emitting Gas in Major Mergers. <i>Astronomical Journal</i> , 2018, 155, 81.	1.9	17
157	Survival of molecular gas in a stellar feedback-driven outflow witnessed with the MUSE TIMER project and ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3904-3928.	1.6	15
158	Spatially Resolved Metal Loss from M31. <i>Astrophysical Journal</i> , 2019, 877, 120.	1.6	19
159	The origins of the circumgalactic medium in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1248-1272.	1.6	132
160	The diversity of the circumgalactic medium around $z = 0$ Milky Way-mass galaxies from the Auriga simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 135-152.	1.6	16
161	Predictions for the spatial distribution of the dust continuum emission in $\{1,lt, z,lt, 5\}$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1779-1789.	1.6	61
162	Galactic Chemical Evolution of Radioactive Isotopes. <i>Astrophysical Journal</i> , 2019, 878, 156.	1.6	35

#	ARTICLE	IF	CITATIONS
163	Towards a radially resolved semi-analytic model for the evolution of disc galaxies tuned with machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3581-3606.	1.6	31
164	The failure of stellar feedback, magnetic fields, conduction, and morphological quenching in maintaining red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4393-4408.	1.6	38
165	Using failed supernovae to constrain the Galactic r-process element production. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1745-1753.	1.6	22
166	Lyman α -emitting galaxies in the epoch of reionization. <i>Astronomy and Astrophysics</i> , 2019, 627, A84.	2.1	26
167	The CGM GRB Study. I. Uncovering the Circumgalactic Medium around GRB Hosts at Redshifts $z \leq 6$. <i>Astrophysical Journal</i> , 2019, 884, 66.	1.6	9
168	Dark-age reionization and galaxy formation simulation XIX. Predictions of infrared excess and cosmic star formation rate density from UV observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1357-1372.	1.6	12
169	Evolution of neutral oxygen during the epoch of reionization and its use in estimating the neutral hydrogen fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2755-2768.	1.6	13
170	Simulating the interstellar medium and stellar feedback on a moving mesh: implementation and isolated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4233-4260.	1.6	72
171	The dust-to-gas and dust-to-metal ratio in galaxies from $z = 0$ to $z = 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1425-1436.	1.6	106
172	Evolution of supernovae-driven superbubbles with conduction and cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1961-1990.	1.6	49
173	MusE GAs FLOW and Wind (MEGAFLOW) III. Galactic wind properties using background quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4368-4381.	1.6	81
174	On the Elevation and Suppression of Star Formation within Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 132.	1.6	35
175	Be it therefore resolved: cosmological simulations of dwarf galaxies with 30 solar mass resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4447-4463.	1.6	139
176	Cosmic ray feedback in the FIRE simulations: constraining cosmic ray propagation with GeV γ -ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3716-3744.	1.6	106
177	The Implications of Local Fluctuations in the Galactic Midplane for Dynamical Analysis in the Gaia Era. <i>Astrophysical Journal</i> , 2019, 883, 103.	1.6	13
178	Cooling flow solutions for the circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2549-2572.	1.6	61
179	Does radiative feedback make faint $z > 6$ galaxies look small?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4379-4392.	1.6	4
180	Nonequilibrium Ionization States within Galactic Outflows: Explaining Their O VI and N V Column Densities. <i>Astrophysical Journal</i> , 2019, 875, 110.	1.6	12

#	ARTICLE	IF	CITATIONS
181	Exploring He II λ 1640 emission line properties at $z \sim 4$. <i>Astronomy and Astrophysics</i> , 2019, 624, A89.	2.1	43
182	Osaka feedback model: isolated disc galaxy simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2632-2655.	1.6	26
183	How nucleation and luminosity shape faint dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L1-L5.	1.2	19
184	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
185	From "bathtub" galaxy evolution models to metallicity gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 456-474.	1.6	49
186	A Characteristic Mass Scale in the Mass-Metallicity Relation of Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 6.	1.6	33
187	The VANDELS survey: the stellar metallicities of star-forming galaxies at $z \in [2.5, 5.0]$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2038-2060.	1.6	70
188	Fast and inefficient star formation due to short-lived molecular clouds and rapid feedback. <i>Nature</i> , 2019, 569, 519-522.	13.7	178
189	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
190	Simulating stellar winds in AMUSE. <i>Astronomy and Astrophysics</i> , 2019, 625, A85.	2.1	8
191	mufasa: Time-scales for $H\alpha$ consumption and SFR depletion of satellite galaxies in groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5184-5196.	1.6	9
192	A high baryon fraction in massive haloes at $z \sim 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1489-1508.	1.6	11
193	CLEAR. I. Ages and Metallicities of Quiescent Galaxies at $1.0 < z < 1.8$ Derived from Deep Hubble Space Telescope Grism Data. <i>Astrophysical Journal</i> , 2019, 870, 133.	1.6	57
194	Molecular and Ionized Gas Phases of an AGN-driven Outflow in a Typical Massive Galaxy at $z \sim 2$. <i>Astrophysical Journal</i> , 2019, 871, 37.	1.6	56
195	Simulating Gas Inflow at the Disk-Halo Interface. <i>Astrophysical Journal</i> , 2019, 872, 47.	1.6	14
196	The Galaxy-Halo Connection in Low-mass Halos. <i>Astrophysical Journal Letters</i> , 2019, 871, L21.	3.0	12
197	What drives the evolution of gas kinematics in star-forming galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5125-5137.	1.6	30
198	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

#	ARTICLE	IF	CITATIONS
199	The KMOS ^{3D} Survey: Demographics and Properties of Galactic Outflows at $z=0.6-2.7^*$. <i>Astrophysical Journal</i> , 2019, 875, 21.	1.6	118
200	Kiloparsec Scale Properties of Star Formation Driven Outflows at $z=1.3$ in the SINS/zC-SINF AO Survey*. <i>Astrophysical Journal</i> , 2019, 873, 122.	1.6	65
201	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 160.	1.6	23
202	The MOSDEF Survey: Broad Emission Lines at $z=1.4-3.8^*$. <i>Astrophysical Journal</i> , 2019, 873, 102.	1.6	38
203	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
204	Atomic gas fractions in active galactic nucleus host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5694-5703.	1.6	26
205	Semi-analytic galaxies II. Revealing the role of environmental and mass quenching in galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1686-1700.	1.6	24
206	Semi-analytic forecasts for JWST I. UV luminosity functions at $z=4-10$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2983-3006.	1.6	116
207	The origin of scatter in the star formation rate-stellar mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 915-932.	1.6	82
208	Probing Galactic Halos with Fast Radio Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	123
209	Gamma-Ray Production in the Extended Halo of the Galaxy and Possible Implications for the Origin of Galactic Cosmic Rays. <i>Astrophysical Journal</i> , 2019, 871, 40.	1.6	4
210	Keck OSIRIS AO LIRG Analysis (KOALA): Feedback in the Nuclei of Luminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2019, 871, 166.	1.6	23
211	Dynamic localized turbulent diffusion and its impact on the galactic ecosystem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3810-3831.	1.6	23
212	Galactic outflows in star-forming galaxies at $z=6$ studied with deep UV spectra and ALMA emission line. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 307-308.	0.0	0
213	Molecular Gas in the Outflow of the Small Magellanic Cloud. <i>Astrophysical Journal Letters</i> , 2019, 885, L32.	3.0	13
214	Detection of a high-redshift molecular outflow in a primeval hyperstarburst galaxy. <i>Astronomy and Astrophysics</i> , 2019, 632, L7.	2.1	13
215	First Identification of 10 kpc [C ii] λ 158 μ m Halos around Star-forming Galaxies at $z=5-7$. <i>Astrophysical Journal</i> , 2019, 887, 107.	1.6	92
216	Galactic Winds in Low-mass Galaxies. <i>Astrophysical Journal</i> , 2019, 886, 74.	1.6	57

#	ARTICLE	IF	CITATIONS
217	Fast Outflows Identified in Early Star-forming Galaxies at $z \sim 6$. <i>Astrophysical Journal</i> , 2019, 886, 29.	1.6	35
218	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
219	Nature versus nurture: what regulates star formation in satellite galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5041-5051.	1.6	30
220	Cosmological simulations of galaxy formation. <i>Nature Reviews Physics</i> , 2020, 2, 42-66.	11.9	317
221	Properties of the circumgalactic medium in cosmic ray-dominated galaxy haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4221-4238.	1.6	99
222	Pressure balance in the multiphase ISM of cosmologically simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3664-3683.	1.6	35
223	The faint host galaxies of C IV absorbers at $z > 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3223-3237.	1.6	15
224	Probing the CGM of low-redshift dwarf galaxies using FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1038-1053.	1.6	8
225	Star-Forming Galaxies at Cosmic Noon. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 661-725.	8.1	98
226	Rapid filamentary accretion as the origin of extended thin discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4346-4356.	1.6	23
227	The role of galactic dynamics in shaping the physical properties of giant molecular clouds in Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 385-429.	1.6	35
228	Galactic inflow and wind recycling rates in the eagle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4495-4516.	1.6	36
229	Starbursting [O III] emitters and quiescent [C II] emitters in the reionization era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5541-5556.	1.6	38
230	The impact of AGN wind feedback in simulations of isolated galaxies with a multiphase ISM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5292-5308.	1.6	30
231	A quantitative demonstration that stellar feedback locally regulates galaxy growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1172-1187.	1.6	4
232	A new model for including galactic winds in simulations of galaxy formation – I. Introducing the Physically Evolved Winds (PhEW) model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2586-2604.	1.6	19
233	The diversity and variability of star formation histories in models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 430-463.	1.6	62
234	Measuring dynamical masses from gas kinematics in simulated high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4051-4065.	1.6	28

#	ARTICLE	IF	CITATIONS
235	Galactic outflow rates in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3971-3997.	1.6	73
236	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
237	Photometric properties of reionization-epoch galaxies in the <scp>simba</scp> simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5636-5651.	1.6	24
238	JINGLE â€“ IV. Dust, Hâ€™%i gas, and metal scaling laws in the local Universe. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3668-3687.	1.6	28
239	Stochastic modelling of star-formation histories II: star-formation variability from molecular clouds and gas inflow. Monthly Notices of the Royal Astronomical Society, 2020, 497, 698-725.	1.6	58
240	Photoelectric heating effects on the evolution of luminous disc galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2075-2088.	1.6	3
241	The physical drivers of the atomic hydrogenâ€™“halo mass relation. Monthly Notices of the Royal Astronomical Society, 2020, 498, 44-67.	1.6	18
242	The baryonic Tullyâ€™“Fisher relation in the simba simulation. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3687-3702.	1.6	19
243	The Keck Baryonic Structure Survey: using foreground/background galaxy pairs to trace the structure and kinematics of circumgalactic neutral hydrogen at <i>z</i> âˆ¼ 2. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1721-1746.	1.6	37
244	The Variability of the Star Formation Rate in Galaxies. I. Star Formation Histories Traced by EW(HÎ±) and EW(HÎ±_A). Astrophysical Journal, 2020, 892, 87.	1.6	27
245	Outflows and extended [Câ€™%ii] haloes in high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 160-172.	1.6	30
246	The maximum accretion rate of hot gas in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2020, 492, 6042-6058.	1.6	42
247	Cosmological baryon transfer in the simba simulations. Monthly Notices of the Royal Astronomical Society, 2020, 491, 6102-6119.	1.6	30
248	Synthetic Gaia Surveys from the FIRE Cosmological Simulations of Milky Way-mass Galaxies. Astrophysical Journal, Supplement Series, 2020, 246, 6.	3.0	77
249	How runaway stars boost galactic outflows. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3328-3341.	1.6	25
250	The fates of the circumgalactic medium in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3581-3595.	1.6	46
251	On the model of the circumgalactic mist: the implications of cloud sizes in galactic winds and haloes. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5056-5072.	1.6	34
252	MusE GAs FLOW and Wind (MEGAFLOW) IV. A two sightline tomography of a galactic wind. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4576-4588.	1.6	17

#	ARTICLE	IF	CITATIONS
253	But what about...: cosmic rays, magnetic fields, conduction, and viscosity in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3465-3498.	1.6	107
254	Global simulations of galactic discs: violent feedback from clustered supernovae during bursts of star formation. Monthly Notices of the Royal Astronomical Society, 2020, 492, 79-95.	1.6	17
255	The impact of wind scalings on stellar growth and the baryon cycle in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1-28.	1.6	6
256	Radiative stellar feedback in galaxy formation: Methods and physics. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3702-3729.	1.6	64
257	The ALPINE-ALMA [C II] survey: Star-formation-driven outflows and circumgalactic enrichment in the early Universe. Astronomy and Astrophysics, 2020, 633, A90.	2.1	90
258	The relationship between black hole mass and galaxy properties: examining the black hole feedback model in IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1888-1906.	1.6	127
259	Elevated ionizing photon production efficiency in faint high-equivalent-width Lyman- α emitters. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5120-5130.	1.6	45
260	The case for strangulation in low-mass hosts: DDO 113. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1713-1730.	1.6	13
262	MUSE-ALMA haloes V: physical properties and environment of $z \approx 1.4$ quasar absorbers. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2347-2368.	1.6	35
263	Properties of the simulated circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1461-1478.	1.6	30
264	Entropy-driven winds: Outflows and fountains lifted gently by buoyancy. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2149-2170.	1.6	20
265	Cool outflows in galaxies and their implications. Astronomy and Astrophysics Review, 2020, 28, 1.	9.1	253
266	Testing galaxy formation simulations with damped Lyman- α abundance and metallicity evolution. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2835-2846.	1.6	10
267	The Grism Lens-Amplified Survey from Space (GLASS) – XIII. G800L optical spectra from the parallel fields. Monthly Notices of the Royal Astronomical Society, 2020, 493, 952-972.	1.6	5
268	Stars made in outflows may populate the stellar halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1539-1559.	1.6	24
269	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
270	The physics of gas phase metallicity gradients in galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5935-5961.	1.6	36
271	Characterizing mass, momentum, energy, and metal outflow rates of multiphase galactic winds in the FIRE-2 cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2979-3008.	1.6	56

#	ARTICLE	IF	CITATIONS
272	The IRX σ^2 relation of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3210-3241.	1.6	20
273	Submillimetre galaxies in cosmological hydrodynamical simulations – an opportunity for constraining feedback models. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2922-2933.	1.6	20
274	Dust, Gas, and Metal Content in Star-forming Galaxies at $z \approx 3.3$ Revealed with ALMA and Near-IR Spectroscopy. Astrophysical Journal, 2021, 908, 15.	1.6	13
275	Dust entrainment in galactic winds. Monthly Notices of the Royal Astronomical Society, 2021, 503, 336-343.	1.6	9
276	Systematic Difference between Ionized and Molecular Gas Velocity Dispersions in $z \approx 1-2$ Disks and Local Analogs. Astrophysical Journal, 2021, 909, 12.	1.6	27
277	Hubble Space Telescope Observations of Two Faint Dwarf Satellites of Nearby LMC Analogs from MADCASH*. Astrophysical Journal, 2021, 909, 211.	1.6	23
278	The radio galaxy population in the <code><sc>simba</sc></code> simulations. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3492-3509.	1.6	22
279	Circumgalactic Mg ii Emission from an Isotropic Starburst Galaxy Outflow Mapped by KCWI. Astrophysical Journal, 2021, 909, 151.	1.6	43
280	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
281	The characteristic momentum of radiatively cooling energy-driven galactic winds. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3412-3423.	1.6	14
282	Compact Starburst Galaxies with Fast Outflows: Central Escape Velocities and Stellar Mass Surface Densities from Multiband Hubble Space Telescope Imaging. Astrophysical Journal, 2021, 912, 11.	1.6	14
283	Blow-away in the Extreme Low-mass Starburst Galaxy Pox 186. Astrophysical Journal, 2021, 912, 12.	1.6	10
284	Properties of the ionized CGM and IGM: tests for galaxy formation models from the Sunyaev-Zel'dovich effect. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5131-5143.	1.6	20
285	The evolution of the mass-metallicity relations from the VANDELS survey and the <code><sc>gaea</sc></code> semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4481-4492.	1.6	14
286	The bursty origin of the Milky Way thick disc. Monthly Notices of the Royal Astronomical Society, 2021, 505, 889-902.	1.6	32
287	The effects of binary stars on galaxies and metal-enriched gas during reionization. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2207-2223.	1.6	8
288	The Geometry of Cold, Metal-enriched Gas around Galaxies at $z \approx 1.2$. Astrophysical Journal, 2021, 913, 50.	1.6	14
289	Thermal instability in the CGM of <code><i>L</i><i>â†</i></code> galaxies: testing ‘precipitation’ models with the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1841-1862.	1.6	19

#	ARTICLE	IF	CITATIONS
290	The role of gas fraction and feedback in the stability and evolution of galactic discs: implications for cosmological galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3579-3589.	1.6	18
291	Simulating Groups and the IntraGroup Medium: The Surprisingly Complex and Rich Middle Ground between Clusters and Galaxies. <i>Universe</i> , 2021, 7, 209.	0.9	46
292	3D gas-phase elemental abundances across the formation histories of Milky Way-mass galaxies in the FIRE simulations: initial conditions for chemical tagging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4586-4607.	1.6	23
293	The MOSDEF Survey: The Evolution of the Mass–Metallicity Relation from $z = 0$ to $z \approx 3.3^*$. <i>Astrophysical Journal</i> , 2021, 914, 19.	1.6	124
294	Gas-phase metallicity gradients of TNG50 star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3024-3048.	1.6	40
295	mirkwood: Fast and Accurate SED Modeling Using Machine Learning. <i>Astrophysical Journal</i> , 2021, 916, 43.	1.6	16
296	The CAMELS Project: Cosmology and Astrophysics with Machine-learning Simulations. <i>Astrophysical Journal</i> , 2021, 915, 71.	1.6	113
297	The origin of galaxy colour bimodality in the scatter of the stellar-to-halo mass relation. <i>Nature Astronomy</i> , 2021, 5, 1069-1076.	4.2	33
298	The role of gas kinematics in setting metallicity gradients at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1295-1308.	1.6	7
299	The origin of the dust extinction curve in milky way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 548-559.	1.6	15
300	IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. <i>Astrophysical Journal</i> , 2021, 915, 53.	1.6	19
301	An Empirical Determination of the Dependence of the Circumgalactic Mass Cooling Rate and Feedback Mass Loading Factor on Galactic Stellar Mass. <i>Astrophysical Journal</i> , 2021, 916, 101.	1.6	5
302	VALES. <i>Astronomy and Astrophysics</i> , 2021, 654, A128.	2.1	1
303	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
304	Neutral CGM as damped Ly α absorbers at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2869-2884.	1.6	17
305	Shocked Molecular Hydrogen and Broad CO Lines from the Interacting Supernova Remnant HB 3. <i>Astrophysical Journal</i> , 2021, 917, 47.	1.6	4
306	Cosmological Simulations of Quasar Fueling to Subparsec Scales Using Lagrangian Hyper-refinement. <i>Astrophysical Journal</i> , 2021, 917, 53.	1.6	49
307	Seeds don't sink: even massive black hole seeds cannot migrate to galaxy centres efficiently. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1973-1985.	1.6	34

#	ARTICLE	IF	CITATIONS
308	LYRA I: Simulating the multi-phase ISM of a dwarf galaxy with variable energy supernovae from individual stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, .	1.6	35
309	Gas Accretion and Galactic Chemical Evolution: Theory and Observations. <i>Astrophysics and Space Science Library</i> , 2017, , 221-248.	1.0	16
310	Observational Diagnostics of Gas Flows: Insights from Cosmological Simulations. <i>Astrophysics and Space Science Library</i> , 2017, , 271-300.	1.0	5
311	The Effect of Galactic Feedback on Gas Accretion and Wind Recycling. <i>Astrophysics and Space Science Library</i> , 2017, , 301-321.	1.0	19
312	SUPER. <i>Astronomy and Astrophysics</i> , 2020, 642, A147.	2.1	61
313	simba: the average properties of the circumgalactic medium of 2 $z \approx 3$ quasars are determined primarily by stellar feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2760-2784.	1.6	18
314	Faint LAEs near $z \approx 4.7$ $\text{C} \text{ iv}$ absorbers revealed by MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2645-2663.	1.6	16
315	The quiescent fraction of isolated low surface brightness galaxies: observational constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2049-2062.	1.6	23
316	Observing correlations between dark matter accretion and galaxy growth “ I. Recent star formation activity in isolated Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1253-1272.	1.6	7
317	Cosmic ray driven outflows to Mpc scales from L^* galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3640-3662.	1.6	52
318	Testing physical models for cosmic ray transport coefficients on galactic scales: self-confinement and extrinsic turbulence at $\sim 1/4$ GeV energies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4184-4213.	1.6	64
319	Most of the cool CGM of star-forming galaxies is not produced by supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, .	1.6	16
320	The nature of giant clumps in high- z discs: a deep-learning comparison of simulations and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 730-746.	1.6	11
321	The time-scales probed by star formation rate indicators for realistic, bursty star formation histories from the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4812-4824.	1.6	51
322	A relationship between stellar metallicity gradients and galaxy age in dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5121-5134.	1.6	25
323	The Hot Gas Exhaust of Starburst Engines in Mergers: Testing Models of Stellar Feedback and Star Formation Regulation. <i>Astronomical Journal</i> , 2019, 158, 169.	1.9	6
324	Evolution of the Stellar Mass–Metallicity Relation. II. Constraints on Galactic Outflows from the Mg Abundances of Quiescent Galaxies. <i>Astrophysical Journal</i> , 2019, 885, 100.	1.6	21
325	Catastrophic Cooling in Superwinds: Line Emission and Non-equilibrium Ionization. <i>Astrophysical Journal</i> , 2019, 887, 161.	1.6	21

#	ARTICLE	IF	CITATIONS
326	Resolving 3D Disk Orientation Using High-resolution Images: New Constraints on Circumgalactic Gas Inflows. <i>Astrophysical Journal</i> , 2020, 888, 14.	1.6	22
327	Spatially Resolved Analysis of Neutral Winds, Stars, and Ionized Gas Kinematics with MEGARA/GTC: New Insights on the Nearby Galaxy UGC 10205. <i>Astrophysical Journal</i> , 2020, 890, 5.	1.6	6
328	Thermal Regulation and the Star-forming Main Sequence. <i>Astrophysical Journal</i> , 2020, 890, 19.	1.6	4
329	A Scenario for Ultradiffuse Satellite Galaxies with Low Velocity Dispersions: The Case of [KKS 2000]04. <i>Astrophysical Journal</i> , 2020, 893, 66.	1.6	13
330	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
331	The ALPINE ALMA [C ii] Survey: Size of Individual Star-forming Galaxies at $z \sim 6$ and Their Extended Halo Structure. <i>Astrophysical Journal</i> , 2020, 900, 1.	1.6	86
332	Massive Galaxies Impede Massive Outflows. <i>Astrophysical Journal</i> , 2020, 899, 108.	1.6	3
333	Intrinsic Morphology of Ultra-diffuse Galaxies. <i>Astrophysical Journal</i> , 2020, 899, 78.	1.6	13
334	First Results from SMAUG: Characterization of Multiphase Galactic Outflows from a Suite of Local Star-forming Galactic Disk Simulations. <i>Astrophysical Journal</i> , 2020, 900, 61.	1.6	68
335	Tracing the Intrinsic Shapes of Dwarf Galaxies Out to Four Effective Radii: Clues to Low-mass Stellar Halo Formation. <i>Astrophysical Journal</i> , 2020, 900, 163.	1.6	19
336	First Results from SMAUG: Uncovering the Origin of the Multiphase Circumgalactic Medium with a Comparative Analysis of Idealized and Cosmological Simulations. <i>Astrophysical Journal</i> , 2020, 903, 32.	1.6	38
337	Evolution of C iv Absorbers. I. The Cosmic Incidence. <i>Astrophysical Journal</i> , 2020, 904, 44.	1.6	17
338	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
339	Ubiquitous Molecular Outflows in $z > 4$ Massive, Dusty Galaxies. II. Momentum-driven Winds Powered by Star Formation in the Early Universe. <i>Astrophysical Journal</i> , 2020, 905, 86.	1.6	33
340	Simple Yet Powerful: Hot Galactic Outflows Driven by Supernovae. <i>Astrophysical Journal Letters</i> , 2020, 890, L30.	3.0	33
341	A Framework for Multiphase Galactic Wind Launching Using TIGRESS. <i>Astrophysical Journal Letters</i> , 2020, 903, L34.	3.0	27
342	Scaling relations and baryonic cycling in local star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2022, 657, A19.	2.1	8
343	A Spatially Resolved Survey of Distant Quasar Host Galaxies. I. Dynamics of Galactic Outflows. <i>Astrophysical Journal</i> , 2021, 919, 122.	1.6	16

#	ARTICLE	IF	CITATIONS
344	Galaxy Formation and Evolution. Space Sciences Series of ISSI, 2016, , 81-111.	0.0	0
345	Observations of Ly α Emitters at High Redshift. Saas-Fee Advanced Course, 2019, , 189-318.	1.1	6
346	Physical conditions and redshift evolution of optically thin C α absorbers: low- z sample. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5424-5442.	1.6	2
347	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
348	Observing correlations between dark matter accretion and galaxy growth: II. testing the impact of galaxy mass, star formation indicator, and neighbour colours. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3285-3300.	1.6	2
349	New Families in our Solar Neighborhood: Applying Gaussian Mixture Models for Objective Classification of Structures in the Milky Way and in Simulations. Astrophysical Journal, 2021, 921, 106.	1.6	8
350	The physics of galactic winds driven by cosmic rays I: Diffusion. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1184-1203.	1.6	28
351	Gas infall and radial transport in cosmological simulations of milky way-mass discs. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4149-4170.	1.6	30
352	A new model for including galactic winds in simulations of galaxy formation II: Implementation of PhEW in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 6091-6110.	1.6	5
354	The Structure of Multiphase Galactic Winds. Astrophysical Journal, 2022, 924, 82.	1.6	58
355	Evolution of C iv Absorbers. II. Where Does C iv Live?. Astrophysical Journal, 2022, 924, 12.	1.6	6
356	Black hole-galaxy scaling relations in FIRE: the importance of black hole location and mergers. Monthly Notices of the Royal Astronomical Society, 2022, 511, 506-535.	1.6	15
357	Bursty star formation during the Cosmic Dawn driven by delayed stellar feedback. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3895-3909.	1.6	20
358	The Stellar Mass versus Stellar Metallicity Relation of Star-forming Galaxies at $1.6 \leq z \leq 3.0$ and Implications for the Evolution of the L_{IR} -enhancement. Astrophysical Journal, 2022, 925, 82.	1.6	18
359	Emergence of galactic morphologies at cosmic dawn: input from numerical modelling. Monthly Notices of the Royal Astronomical Society, 2022, 513, 693-712.	1.6	2
360	The star formation burstiness and ionizing efficiency of low-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4464-4479.	1.6	30
361	The Low-Redshift Lyman Continuum Survey. Astronomy and Astrophysics, 2022, 663, A59.	2.1	27
362	The CGM-GRB Study. II. Outflow-Galaxy Connection at $z \sim 1/4$ to $z \sim 6$. Astrophysical Journal, 2022, 926, 63.	1.6	3

#	ARTICLE	IF	CITATIONS
363	Structures of Dwarf Satellites of Milky Way-like Galaxies: Morphology, Scaling Relations, and Intrinsic Shapes. <i>Astrophysical Journal</i> , 2021, 922, 267.	1.6	42
364	IQ Collaboratory. III. The Empirical Dust Attenuation Framework—Taking Hydrodynamical Simulations with a Grain of Dust. <i>Astrophysical Journal</i> , 2022, 926, 122.	1.6	10
365	First Results from SMAUG: Insights into Star Formation Conditions from Spatially Resolved ISM Properties in TNG50. <i>Astrophysical Journal</i> , 2022, 926, 139.	1.6	3
366	The Origin of Exponential Star-forming Disks. <i>Astrophysical Journal</i> , 2022, 927, 217.	1.6	10
367	Finding Universal Relations in Subhalo Properties with Artificial Intelligence. <i>Astrophysical Journal</i> , 2022, 927, 85.	1.6	21
368	The CAMELS Multifield Data Set: Learning the Universe’s Fundamental Parameters with Artificial Intelligence. <i>Astrophysical Journal</i> , Supplement Series, 2022, 259, 61.	3.0	30
369	Baryonic mass budgets for haloes in the <i>eagle</i> simulation, including ejected and prevented gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2600-2609.	1.6	9
370	Physical Properties of Massive Compact Starburst Galaxies with Extreme Outflows. <i>Astrophysical Journal</i> , 2021, 923, 275.	1.6	9
371	Testing the Relationship between Bursty Star Formation and Size Fluctuations of Local Dwarf Galaxies. <i>Astrophysical Journal</i> , 2021, 922, 217.	1.6	11
372	The Galaxy Progenitors of Stellar Streams around Milky Way-mass Galaxies in the FIRE Cosmological Simulations. <i>Astrophysical Journal</i> , 2021, 920, 10.	1.6	20
373	Apostle—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
374	First Census of Gas-phase Metallicity Gradients of Star-forming Galaxies in Overdense Environments at Cosmic Noon. <i>Astrophysical Journal Letters</i> , 2022, 929, L8.	3.0	8
375	Gas-phase Metallicity Profiles of Star-forming Galaxies in the Modified Accretion Disk Framework. <i>Astrophysical Journal</i> , 2022, 929, 95.	1.6	8
376	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
377	Intermediate- and high-velocity clouds in the Milky Way II. Evidence for a Galactic fountain with collimated outflows and diffuse inflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4176-4190.	1.6	16
378	EMPRESS. VI. Outflows Investigated in Low-mass Galaxies with $M_{\text{HI}} = 10^{4-7} M_{\odot}$: Weak Feedback in Low-mass Galaxies?. <i>Astrophysical Journal</i> , 2022, 929, 134.	1.6	11
379	The evolution of turbulent galactic discs: gravitational instability, feedback, and accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 6177-6195.	1.6	12
380	The Baltimore Oriole’s Nest: Cool Winds from the Inner and Outer Parts of a Star-forming Galaxy at $z = 1.3$. <i>Astrophysical Journal</i> , 2022, 930, 146.	1.6	7

#	ARTICLE	IF	CITATIONS
381	Observational constraints on stellar feedback in dwarf galaxies. <i>Nature Astronomy</i> , 2022, 6, 647-658.	4.2	19
382	Reionization with Simba: How Much Does Astrophysics Matter in Modeling Cosmic Reionization?. <i>Astrophysical Journal</i> , 2022, 931, 62.	1.6	6
383	<scp>grumpy</scp>: a simple framework for realistic forward modelling of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2667-2691.	1.6	18
384	Assuming Ionization Equilibrium and the Impact on the Ly α Forest Power Spectrum during the End of Reionization at $8 \lesssim z \lesssim 5$. <i>Astrophysical Journal</i> , 2022, 931, 46.	1.6	3
385	<scp>The Three Hundred</scp> project: The <scp>gizmo-simba</scp> run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 977-996.	1.6	31
386	Hot-mode accretion and the physics of thin-disc galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5056-5073.	1.6	32
387	The formation of the first quasars: the black hole seeds, accretion, and feedback models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5583-5606.	1.6	10
388	The galactic dust-up: modelling dust evolution in FIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4506-4534.	1.6	12
389	The MOSDEF-LRIS survey: connection between galactic-scale outflows and the properties of $z \sim 2$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 841-856.	1.6	4
390	First predicted cosmic ray spectra, primary-to-secondary ratios, and ionization rates from MHD galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3470-3514.	1.6	22
391	The Circumgalactic Medium from the CAMELS Simulations: Forecasting Constraints on Feedback Processes from Future Sunyaev-Zeldovich Observations. <i>Astrophysical Journal</i> , 2022, 933, 133.	1.6	11
392	The impact of cosmic rays on dynamical balance and disc-halo interaction in $L^* \uparrow$ disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 597-615.	1.6	18
393	ELUCID. VII. Using Constrained Hydro Simulations to Explore the Gas Component of the Cosmic Web. <i>Astrophysical Journal</i> , 2022, 936, 11.	1.6	5
394	How baryons affect haloes and large-scale structure: a unified picture from the <scp>Simba</scp> simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 883-906.	1.6	22
395	Chemical and stellar properties of early-type dwarf galaxies around the Milky Way. <i>Nature Astronomy</i> , 2022, 6, 911-922.	4.2	4
396	Forward-modelling the luminosity, distance, and size distributions of the Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3944-3971.	1.6	18
397	The global structure of magnetic fields and gas in simulated Milky Way-analogue galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 5972-5990.	1.6	10
398	Magnetic fields on FIRE: Comparing B-fields in the multiphase ISM and CGM of simulated L^* galaxies to observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 4417-4431.	1.6	12

#	ARTICLE	IF	CITATIONS
399	Spatial metallicity distribution statistics at ~ 100 kpc scales in the AMUSING++ nearby galaxy sample. Monthly Notices of the Royal Astronomical Society, 2022, 518, 286-304.	1.6	6
400	The observable properties of cool winds from galaxies, AGN, and star clusters II. 3D models for the multiphase wind of M82. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4084-4105.	1.6	6
401	Self-ionizing Galactic Winds. Astrophysical Journal, 2022, 940, 44.	1.6	6
402	The environments and hosts of metal absorption at $z \sim 5$. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4159-4171.	1.6	4
403	Star formation histories of dwarf and giant galaxies with different supernovae-driven outflows: NGC 2403, NGC 628. New Astronomy, 2023, 100, 101992.	0.8	0
404	Predicting sub-millimetre flux densities from global galaxy properties. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5522-5535.	1.6	10
405	Astraeus V: the emergence and evolution of metallicity scaling relations during the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3557-3575.	1.6	11
406	Unravelling the interplay between SIDM and baryons in MW haloes: defining where baryons dictate heat transfer. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5623-5636.	1.6	5
407	DUVET: Spatially Resolved Observations of Star Formation Regulation via Galactic Outflows in a Starbursting Disk Galaxy. Astrophysical Journal, 2022, 941, 163.	1.6	2
408	FIRE-3: updated stellar evolution models, yields, and microphysics and fitting functions for applications in galaxy simulations. Monthly Notices of the Royal Astronomical Society, 2022, 519, 3154-3181.	1.6	29
409	Rapid disc settling and the transition from bursty to steady star formation in Milky Way-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 519, 2598-2614.	1.6	22
410	MOSEL survey: extremely weak outflows in EoR analogues at $z = 3-4$. Monthly Notices of the Royal Astronomical Society, 2022, 519, 980-994.	1.6	4
411	Shaken, but not expelled: Gentle baryonic feedback from nearby starburst dwarf galaxies. Astronomy and Astrophysics, 2023, 670, A92.	2.1	19
412	Constraining galactic baryon cycle using the galaxy Stellar-to-Halo Mass Relations. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	0
413	CO Emission, Molecular Gas, and Metallicity in Main-sequence Star-forming Galaxies at $z \sim 2.3$. Astrophysical Journal, 2023, 942, 24.	1.6	13
414	The physical nature of circumgalactic medium absorbers in <i>Simba</i> . Monthly Notices of the Royal Astronomical Society, 2023, 519, 5514-5535.	1.6	5
415	The imprint of bursty star formation on alpha-element abundance patterns in Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2023, 520, 1672-1686.	1.6	1
416	[CII] Haloes in ALPINE galaxies: smoking-gun of galactic outflows?. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4608-4621.	1.6	4

#	ARTICLE	IF	CITATIONS
417	Constraints on galactic outflows from the metallicity–stellar mass–SFR relation of EAGLE simulation and <i>SDSS</i> galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 411-432.	1.6	2
418	The Local Cluster Survey II: disc-dominated cluster galaxies with suppressed star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4614-4629.	1.6	1
419	Examining the decline in the α content of the Universe over $4.3 < z < 6.3$ using E-XQR-30 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 314-331.	1.6	1
420	Spatially resolved chemodynamics of the starburst dwarf galaxy CGCG007-025: evidence for recent accretion of metal-poor gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 2089-2104.	1.6	1
421	SILCC – VII. Gas kinematics and multiphase outflows of the simulated ISM at high gas surface densities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 1843-1862.	1.6	12