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## THE AVERAGE STAR FORMATION HISTORIES OF GALAXIES IN DARK MATTER HALOS FROM $z=0-8$

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1492	Coevolution (Or Not) of Supermassive Black Holes and Host Galaxies. <b>2013</b> , 51, 511-653		2099
1491	Modeling the Panchromatic Spectral Energy Distributions of Galaxies. <b>2013</b> , 51, 393-455		447
1490	Can feedback solve the too-big-to-fail problem?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 433, 3539-3546	4.3	127
1489	HMFcalc: An online tool for calculating dark matter halo mass functions. <b>2013</b> , 3-4, 23-34		169
1488	GALAXY CLUSTER BARYON FRACTIONS REVISITED. <i>Astrophysical Journal</i> , <b>2013</b> , 778, 14	4.7	183
1487	THE CONNECTION BETWEEN GALAXIES AND DARK MATTER STRUCTURES IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , <b>2013</b> , 771, 30	4.7	266
1486	Constraining thermal dust emission in distant galaxies with number counts and angular power spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 1896-1917	4.3	19
1485	The dark side of galaxy colour. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 435, 1313-1324	4.3	143
1484	The simplest model of galaxy formation II. A formation history model of galaxy stellar mass growth. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 435, 2445-2459	4.3	35
1483	On the mass assembly of low-mass galaxies in hydrodynamical simulations of structure formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 435, 2736-2752	4.3	17
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1479	AN INTENSELY STAR-FORMING GALAXY AT $z \sim 7$ WITH LOW DUST AND METAL CONTENT REVEALED BY DEEP ALMA AND HST OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 778, 102	4.7	157
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1476	THE MASSIVE SATELLITE POPULATION OF MILKY-WAY-SIZED GALAXIES. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 172	4.7	22

1475	MAGIICAT III. INTERPRETING SELF-SIMILARITY OF THE CIRCUMGALACTIC MEDIUM WITH VIRIAL MASS USING Mg II ABSORPTION. <i>Astrophysical Journal</i> , <b>2013</b> , 779, 87	4-7	46
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1318	PRECIPITATION-REGULATED STAR FORMATION IN GALAXIES. <b>2015</b> , 808, L30		58
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1298	Probing the galaxy halo connection in UltraVISTA to $z\sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 901-916	4-3	48
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1295	Galactic conformity and central/satellite quenching, from the satellite profiles of $M^*$ galaxies at 0.4. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 1613-1636	4-3	36
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1286	A lower fragmentation mass scale in high-redshift galaxies and its implications on giant clumps: a systematic numerical study. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 2491-2515	4-3	50
1285	A new method to quantify the effects of baryons on the matter power spectrum. <b>2015</b> , 2015, 049-049		82
1284	Thirty Meter Telescope Detailed Science Case: 2015. <b>2015</b> , 15, 1945-2140		65
1283	Evolution of the specific star formation rate function at $z \approx 2$ . <b>2015</b> , 579, A2		105
1282	Satellite content and quenching of star formation in galaxy groups at $z \sim 1.8$ . <b>2015</b> , 581, A56		10
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1278	Galaxy stellar mass assembly: the difficulty matching observations and semi-analytical predictions. <b>2015</b> , 575, A32		18

1277	Towards a new modelling of gas flows in a semi-analytical model of galaxy formation and evolution. <b>2015</b> , 575, A33		12
1276	The galaxy stellar mass function at $3.5 < z < 7.5$ in the CANDELS/UDS, GOODS-South, and HUDF fields. <b>2015</b> , 575, A96		175
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1267	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 1937-1961	4-3	733
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1263	Correlating galaxy colour and halo concentration: a tunable halo model of galactic conformity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 3030-3048	4-3	49
1262	On the possible environmental effect in distributing heavy elements beyond individual gaseous haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 3263-3273	4-3	107
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1260	The alignment and shape of dark matter, stellar, and hot gas distributions in the EAGLE and cosmo-OWLS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 721-738	4-3	77

1259	Evolution of the atomic and molecular gas content of galaxies in dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 477-493	4-3	60
1258	The quenching and survival of ultra diffuse galaxies in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 937-943	4-3	78
1257	Star formation in Herschel's Monsters versus semi-analytic models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 3419-3426	4-3	56
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1255	HOW THE FIRST STARS SHAPED THE FAINTEST GAS-DOMINATED DWARF GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 815, 85	4-7	13
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1252	Quenching and morphological transformation in semi-analytic models and CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 2933-2956	4-3	46
1251	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 521-554	4-3	1867
1250	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 183	4-7	212
1249	THE STELLAR MASS-HALO MASS RELATION FOR LOW-MASS X-RAY GROUPS AT $0.5 < z < 2.015$ , 799, L17		9
1248	Galaxies as simple dynamical systems: observational data disfavor dark matter and stochastic star formation. <b>2015</b> , 93, 169-202		98
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1245	THE STELLAR-TO-HALO MASS RELATION OF LOCAL GALAXIES SEGREGATES BY COLOR. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 130	4-7	85
1244	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 86	4-7	421
1243	QUENCHING OF STAR FORMATION IN SLOAN DIGITAL SKY SURVEY GROUPS: CENTRALS, SATELLITES, AND GALACTIC CONFORMITY. <i>Astrophysical Journal</i> , <b>2015</b> , 800, 24	4-7	78
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1235	Diverse structural evolution at $z \sim 1$ in cosmologically simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 4290-4310	4.3	39
1234	THE RELATIVE AND ABSOLUTE AGES OF OLD GLOBULAR CLUSTERS IN THE LCDM FRAMEWORK. <b>2015</b> , 808, L35		50
1233	A MASSIVE, DISTANT PROTO-CLUSTER AT $z = 2.47$ CAUGHT IN A PHASE OF RAPID FORMATION?. <b>2015</b> , 808, L33		74
1232	nIFTy cosmology: comparison of galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 4029-4059	4.3	47
1231	Faint dwarfs as a test of DM models: WDM versus CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 792-803	4.3	64
1230	A framework for empirical galaxy phenomenology: the scatter in galaxy ages and stellar metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 1430-1445	4.3	14
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1228	DISTORTION OF THE LUMINOSITY FUNCTION OF HIGH-REDSHIFT GALAXIES BY GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 256	4.7	12
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1226	Towards simulating star formation in turbulent high- $z$ galaxies with mechanical supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 2900-2921	4.3	88
1225	PROBING THE ULTRAVIOLET LUMINOSITY FUNCTION OF THE EARLIEST GALAXIES WITH THE RENAISSANCE SIMULATIONS. <b>2015</b> , 807, L12		121
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1217	Physical Models of Galaxy Formation in a Cosmological Framework. <b>2015</b> , 53, 51-113		667
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1209	THE SINS/zC-SINF SURVEY OF $z \sim 2$ GALAXY KINEMATICS: REST-FRAME MORPHOLOGY, STRUCTURE, AND COLORS FROM NEAR-INFRARED HUBBLE SPACE TELESCOPE IMAGING. <i>Astrophysical Journal</i> , <b>2015</b> , 802, 101	4-7	44
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1206	PREVENTING STAR FORMATION IN EARLY-TYPE GALAXIES WITH LATE-TIME STELLAR HEATING. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 77	4-7	43

1205	THE NEXT GENERATION VIRGO CLUSTER SURVEY. IX. ESTIMATING THE EFFICIENCY OF GALAXY FORMATION ON THE LOWEST-MASS SCALES. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 88	4-7	20
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1203	MORPHOLOGIES OF ~190,000 GALAXIES AT $z = 0.10$ REVEALED WITH HST LEGACY DATA. I. SIZE EVOLUTION. <b>2015</b> , 219, 15		214
1202	THE STAR FORMATION HISTORIES OF LOCAL GROUP DWARF GALAXIES. III. CHARACTERIZING QUENCHING IN LOW-MASS GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 804, 136	4-7	61
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1199	AN ALMA SURVEY OF SUB-MILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: PHYSICAL PROPERTIES DERIVED FROM ULTRAVIOLET-TO-RADIO MODELING. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 110	4-7	254
1198	DARK MATTER HALOS IN GALAXIES AND GLOBULAR CLUSTER POPULATIONS. II. METALLICITY AND MORPHOLOGY. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 36	4-7	59
1197	PROSPECTS FOR CHEMICALLY TAGGING STARS IN THE GALAXY. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 104	4-7	48
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1195	Signatures of dark matter halo expansion in galaxy populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 2133-2143	4-3	20
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1192	Powering reionization: assessing the galaxy ionizing photon budget at $z \sim 6$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 2030-2049	4-3	53
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1189	CFHTLenS: co-evolution of galaxies and their dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 298-314	4-3	108
1188	THE PHYSICAL NATURE OF THE COSMIC ACCRETION OF BARYONS AND DARK MATTER INTO HALOS AND THEIR GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 40	4-7	40

1187	BLACK HOLE AND GALAXY COEVOLUTION FROM CONTINUITY EQUATION AND ABUNDANCE MATCHING. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 74	4.7	65
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1183	DIRECT INSIGHTS INTO OBSERVATIONAL ABSORPTION LINE ANALYSIS METHODS OF THE CIRCUMGALACTIC MEDIUM USING COSMOLOGICAL SIMULATIONS. <i>Astrophysical Journal</i> , <b>2015</b> , 802, 10	4.7	34
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1179	FROM H I TO STARS: H I DEPLETION IN STARBURSTS AND STAR-FORMING GALAXIES IN THE ALFALFA SURVEY. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 66	4.7	20
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1172	STELLAR MASS-GAS-PHASE METALLICITY RELATION AT $z \sim 0.5$ TO $z \sim 0.7$ : A POWER LAW WITH INCREASING SCATTER TOWARD THE LOW-MASS REGIME. <i>Astrophysical Journal</i> , <b>2016</b> , 822, 103	4.7	19
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1170	THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT $z \sim 4$ : A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 5	4.7	175

1169	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 79	4-7	72
1168	VARIATIONS OF THE ISM COMPACTNESS ACROSS THE MAIN SEQUENCE OF STAR FORMING GALAXIES: OBSERVATIONS AND SIMULATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 76	4-7	5
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1163	MUSE GAS FLOW AND WIND (MEGAFLOW). I. FIRST MUSE RESULTS ON BACKGROUND QUASARS. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 39	4-7	54
1162	THE FATE OF A RED NUGGET: IN SITU STAR FORMATION OF SATELLITES AROUND A MASSIVE COMPACT GALAXY. <i>Astrophysical Journal</i> , <b>2016</b> , 816, 87	4-7	10
1161	Observational evidence of a slow downfall of star formation efficiency in massive galaxies during the past 10 Gyr. <b>2016</b> , 589, A35		52
1160	Extended Lyman $\alpha$ haloes around individual high-redshift galaxies revealed by MUSE. <b>2016</b> , 587, A98		171
1159	Properties of galaxies at the faint end of the H $\alpha$ luminosity function at $z \sim 0.62$ . <b>2016</b> , 591, A151		4
1158	X-ray observations of dust obscured galaxies in the Chandrasekhar field south. <b>2016</b> , 592, A109		11
1157	Forecasts for the WFIRST High Latitude Survey using the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 3520-3530	4-3	24
1156	THE BURSTY STAR FORMATION HISTORIES OF LOW-MASS GALAXIES AT $z \sim 0.4$ <i>Astrophysical Journal</i> , <b>2016</b> , 833, 37	4-7	43
1155	Observational Searches for Star-Forming Galaxies at $z > 6$ . <b>2016</b> , 33,		85
1154	The Herschel Virgo Cluster Survey. <b>2016</b> , 589, A11		9
1153	Modelling the number density of H $\alpha$ emitters for future spectroscopic near-IR space missions. <b>2016</b> , 590, A3		53
1152	Dark influences. <b>2016</b> , 587, A24		16

1151	Galaxy And Mass Assembly (GAMA): the absence of stellar mass segregation in galaxy groups and consistent predictions from GALFORM and EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 4194-4209	4.3	8
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1149	GLOBULAR CLUSTERS INDICATE THAT ULTRA-DIFFUSE GALAXIES ARE DWARFS. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 23	4.7	86
1148	GALAXY PROPERTIES AND UV ESCAPE FRACTIONS DURING THE EPOCH OF REIONIZATION: RESULTS FROM THE RENAISSANCE SIMULATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 84	4.7	110
1147	Flat rotation curves and low velocity dispersions in KMOS star-forming galaxies at $z \sim 1$ . <b>2016</b> , 594, A77		55
1146	Gamma-Ray Bursts and the Early Star-Formation History. <b>2016</b> , 202, 181-194		7
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1140	A SUBMILLIMETER CONTINUUM SURVEY OF LOCAL DUST-OBSCURED GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 188	4.7	2
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1137	The Relation between Star-Formation Rate and Stellar Mass of Galaxies at $z \sim 1$ . <b>2016</b> , 33,		16
1136	Dark influences. <b>2016</b> , 595, A56		16
1135	An empirical model to form and evolve galaxies in dark matter halos. <b>2016</b> , 16, 013		2
1134	Inferring the star-formation histories of the most massive and passive early-type galaxies at $z \sim 2$ . <b>2016</b> , 592, A19		37

1133	Introducing decorated HODs: modelling assembly bias in the galaxy halo connection. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 2552-2570	4-3	89
1132	ON THE INCONSISTENCY BETWEEN COSMIC STELLAR MASS DENSITY AND STAR FORMATION RATE UP TO $z \sim 8$ . <i>Astrophysical Journal</i> , <b>2016</b> , 820, 114	4-7	11
1131	Simulated stellar kinematics studies of high-redshift galaxies with the HARMONI Integral Field Spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 2405-2422	4-3	6
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1129	On the physical requirements for a pre-reionization origin of the unresolved near-infrared background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 282-294	4-3	23
1128	The stellar mass assembly of galaxies in the Illustris simulation: growth by mergers and the spatial distribution of accreted stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 2371-2390	4-3	238
1127	Probing the cool interstellar and circumgalactic gas of three massive lensing galaxies at $z = 0.407$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 2423-2442	4-3	43
1126	Evolution of dispersion in the cosmic deuterium abundance. <b>2016</b> , 458, L104-L108		16
1125	Is main-sequence galaxy star formation controlled by halo mass accretion?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 2592-2606	4-3	64
1124	Suppression of galactic outflows by cosmological infall and circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 2-8	4-3	
1123	Exploring the nature of the Lyman- $\alpha$ emitter CR7. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 2184-2202	4-3	32
1122	COSMOLOGICAL SIMULATIONS OF MILKY WAY-SIZED GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 829, 98	4-7	16
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1118	Galaxy growth from redshift 5 to 0 at fixed comoving number density. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 778-793	4-3	8
1117	TIDAL STIRRING OF SATELLITES WITH SHALLOW DENSITY PROFILES PREVENTS THEM FROM BEING TOO BIG TO FAIL. <b>2016</b> , 827, L15		14
1116	Halo and subhalo demographics with Planck cosmological parameters: BolshoiPlanck and MultiDarkPlanck simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 893-916	4-3	128

1115	Influence of $\sim 7$ keV sterile neutrino dark matter on the process of reionization. <b>2016</b> , 2016, 017-017		13
1114	EVOLUTION OF STELLAR-TO-HALO MASS RATIO AT $z=0$ IDENTIFIED BY CLUSTERING ANALYSIS WITH THE HUBBLE LEGACY IMAGING AND EARLY SUBARU/HYPER SUPRIME-CAM SURVEY DATA. <i>Astrophysical Journal</i> , <b>2016</b> , 821, 123	4-7	71
1113	mufasa: galaxy formation simulations with meshless hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 3265-3284	4-3	178
1112	DISCOVERY OF A GALAXY CLUSTER WITH A VIOLENTLY STARBURSTING CORE AT $z=2.506$ . <i>Astrophysical Journal</i> , <b>2016</b> , 828, 56	4-7	111
1111	Dark-matter haloes and the $M$ - $\sigma$ relation for supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 1864-1881	4-3	7
1110	When and where did GW150914 form?. <b>2016</b> , 463, L31-L35		56
1109	A HIGH STELLAR VELOCITY DISPERSION AND $\sim 100$ GLOBULAR CLUSTERS FOR THE ULTRA-DIFFUSE GALAXY DRAGONFLY 44. <b>2016</b> , 828, L6		149
1108	The realm of the galaxy protoclusters. <b>2016</b> , 24, 1		119
1107	IMPACT OF COSMIC VARIANCE ON THE GALAXY-HALO CONNECTION FOR $\text{Ly}\alpha$ EMITTERS. <i>Astrophysical Journal</i> , <b>2016</b> , 828, 5	4-7	3
1106	Search for gamma-ray emission from dark matter annihilation in the Small Magellanic Cloud with the Fermi Large Area Telescope. <b>2016</b> , 93,		24
1105	Metallicity-constrained merger rates of binary black holes and the stochastic gravitational wave background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 3877-3885	4-3	71
1104	The mass profile of the Milky Way to the virial radius from the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 3483-3493	4-3	28
1103	A KECK ADAPTIVE OPTICS SURVEY OF A REPRESENTATIVE SAMPLE OF GRAVITATIONALLY LENSED STAR-FORMING GALAXIES: HIGH SPATIAL RESOLUTION STUDIES OF KINEMATICS AND METALLICITY GRADIENTS. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 84	4-7	58
1102	RETURN TO $[\text{Log-}]$ NORMALCY: RETHINKING QUENCHING, THE STAR FORMATION MAIN SEQUENCE, AND PERHAPS MUCH MORE. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 7	4-7	51
1101	HECTOMAP AND HORIZON RUN 4: DENSE STRUCTURES AND VOIDS IN THE REAL AND SIMULATED UNIVERSE. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 173	4-7	20
1100	RADIAL TRENDS IN IMF-SENSITIVE ABSORPTION FEATURES IN TWO EARLY-TYPE GALAXIES: EVIDENCE FOR ABUNDANCE-DRIVEN GRADIENTS. <i>Astrophysical Journal</i> , <b>2016</b> , 821, 39	4-7	38
1099	NIHAO IX: the role of gas inflows and outflows in driving the contraction and expansion of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 2658-2675	4-3	61
1098	Cosmological galaxy evolution with superbubble feedback III. The limits of supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 1431-1445	4-3	35

1097	INFERENCE ON THE RELATIONS BETWEEN CENTRAL BLACK HOLE MASS AND TOTAL GALAXY STELLAR MASS IN THE HIGH-REDSHIFT UNIVERSE. <b>2016</b> , 820, L6		26
1096	EVOLUTION OF INTRINSIC SCATTER IN THE SFR-STELLAR MASS CORRELATION AT 0.5 <b>2016</b> , 820, L1		53
1095	THE CONNECTION BETWEEN THE HOST HALO AND THE SATELLITE GALAXIES OF THE MILKY WAY. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 59	4-7	18
1094	The role of gas infall in the evolution of disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 1329-1340	4-3	21
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1022	Log-normal Star Formation Histories in Simulated and Observed Galaxies. <i>Astrophysical Journal</i> , <b>2017</b> , 839, 26	4-7	39
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1015	Structural and Star-forming Relations since $z \sim 3$ : Connecting Compact Star-forming and Quiescent Galaxies. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 47	4-7	131
1014	On the OVI abundance in the circumgalactic medium of low-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2966-2982	4-3	48
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982	Galaxy cluster luminosities and colours, and their dependence on cluster mass and merger state. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 3246-3255	4-3	12
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980	Stellar Absorption Line Analysis of Local Star-forming Galaxies: The Relation between Stellar Mass, Metallicity, Dust Attenuation, and Star Formation Rate. <i>Astrophysical Journal</i> , <b>2017</b> , 847, 18	4-7	42
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953	Testing models of quasar hosts with strong gravitational lensing by quasar hosts. <b>2017</b> , 467, L26-L30		2
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949	The Spectroscopy and H-band Imaging of Virgo Cluster Galaxies (SHIVir) Survey: Scaling Relations and the Stellar-to-total Mass Relation. <i>Astrophysical Journal</i> , <b>2017</b> , 843, 74	4-7	18
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946	The Rest-frame Optical (900 nm) Galaxy Luminosity Function at $z \sim 4$ : Abundance Matching Points to Limited Evolution in the MSTAR/MHALO Ratio at $z \sim 4$ . <i>Astrophysical Journal</i> , <b>2017</b> , 843, 36	4-7	40
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941	Cosmology with intensity mapping techniques using atomic and molecular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 1948-1965	4-3	43
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939	A deep ALMA image of the Hubble Ultra Deep Field. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 861-883	4-3	212
938	Some observational tests of a minimal galaxy formation model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 2718-2735	4-3	11
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936	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> , <b>2017</b> , 470, 1050-1072	4-3	45



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934	Introducing the FirstLight project: UV luminosity function and scaling relations of primeval galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 2791-2798	4-3	34
933	Galaxies in the Illustris simulation as seen by the Sloan Digital Sky Survey III. Size-luminosity relations and the deficit of bulge-dominated galaxies in Illustris at low mass. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 2879-2895	4-3	46
932	Testing galaxy quenching theories with scatter in the stellar-to-halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 3533-3541	4-3	12
931	Young and turbulent: the early life of massive galaxy progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4080-4100	4-3	18
930	Quantifying the origin and distribution of intracluster Light in a Fornax-Like Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4501-4513	4-3	5
929	The differing relationships between size, mass, metallicity and core velocity dispersion of central and satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 333-345	4-3	12
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927	NIHAO XII: galactic uniformity in a $\Lambda$ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4937-4950	4-3	30
926	Reconciling mass functions with the star-forming main sequence via mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 849-856	4-3	7
925	Blossoms from black hole seeds: properties and early growth regulated by supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 3935-3948	4-3	108
924	fire in the field: simulating the threshold of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 3547-3562	4-3	122
923	Formation and settling of a disc galaxy during the last 8 billion years in a cosmological simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 2664-2672	4-3	17
922	The edge of galaxy formation II. Formation and evolution of MW-satellite analogues before accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2356-2366	4-3	29
921	Simplified galaxy formation with mesh-less hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 1673-1686	4-3	6
920	The properties of the first galaxies in the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 2517-2530	4-3	43
919	Approximate Bayesian computation in large-scale structure: constraining the galaxy-halo connection. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 2791-2805	4-3	29
918	The H $\alpha$ luminosity-dependent clustering of star-forming galaxies from $z \approx 0.8$ to $\sim 2.2$ with HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 2913-2932	4-3	25

917	Evolution of Galactic Outflows at $z \sim 0$ Revealed with SDSS, DEEP2, and Keck Spectra. <i>Astrophysical Journal</i> , <b>2017</b> , 850, 51	4-7	24
916	D1005+68: A New Faint Dwarf Galaxy in the M81 Group. <b>2017</b> , 843, L6		19
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914	On Estimation of Contamination from Hydrogen Cyanide in Carbon Monoxide Line-intensity Mapping. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 60	4-7	8
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911	Galaxy-galaxy lensing in EAGLE: comparison with data from 180 deg <sup>2</sup> of the KiDS and GAMA surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2856-2870	4-3	7
910	The impact of chemistry on the structure of high- $z$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4128-4143	4-3	64
909	The evolving far-IR galaxy luminosity function and dust-obscured star formation rate density out to $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4155-4169	4-3	47
908	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 619-640	4-3	38
907	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2054-2084	4-3	49
906	Gemini Observations of Galaxies in Rich Early Environments (GOGREEN) I: survey description. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 4168-4185	4-3	26
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904	The origin of the mass discrepancy-acceleration relation in $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 1841-1848	4-3	51
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902	Three-phase Interstellar Medium in Galaxies Resolving Evolution with Star Formation and Supernova Feedback (TIGRESS): Algorithms, Fiducial Model, and Convergence. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 133	4-7	84
901	Thick Disks in the Hubble Space Telescope Frontier Fields. <i>Astrophysical Journal</i> , <b>2017</b> , 847, 14	4-7	28
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898	Halo histories versus Galaxy properties at $z \sim 0$ . The quenching of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2504-2516	4-3	26
897	The inimitable nature of assembly bias: the impact of halo definition on assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 1088-1105	4-3	30
896	An observer's guide to the (Local Group) dwarf galaxies: predictions for their own dwarf satellite populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4894-4909	4-3	26
895	A minimalist feedback-regulated model for galaxy formation during the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 1576-1592	4-3	35
894	The morphology-density relation: impact on the satellite fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 4769-4785	4-3	15
893	The accreted stellar halo as a window on halo assembly in $L^*$ galaxies. <b>2017</b> , 469, L48-L52		14
892	The evolution of the star formation rate function in the EAGLE simulations: a comparison with UV, IR and H $\alpha$ observations from $z \sim 8$ to $z \sim 0$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 919-939	4-3	34
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889	Sample variance in the local measurements of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4946-4955	4-3	55
888	High-redshift Galaxies and Black Holes Detectable with the JWST: A Population Synthesis Model from Infrared to X-Rays. <i>Astrophysical Journal</i> , <b>2017</b> , 849, 155	4-7	25
887	Galactic wind X-ray heating of the intergalactic medium during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 3632-3645	4-3	4
886	On the impact of neutron star binaries: natal-kick distribution on the Galactic r-process enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4488-4493	4-3	13
885	NIHAO XIII: Clumpy discs or clumpy light in high-redshift galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 3628-3649	4-3	42
884	Preprocessing, mass-loss and mass segregation of galaxies in dark matter simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 4625-4634	4-3	16
883	A complete distribution of redshifts for submillimetre galaxies in the SCUBA-2 Cosmology Legacy Survey UDS field. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2453-2462	4-3	10
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881	How to quench a galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 547-558	4-3	68
880	The origin of scatter in the stellar mass halo mass relation of central galaxies in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2381-2396	4-3	75
879	ZOMG II. How the cosmic web inhibits halo growth and generates assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 594-611	4-3	52
878	The Impact of Modeling Assumptions in Galactic Chemical Evolution Models. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 128	4-7	42
877	The bahamas project: calibrated hydrodynamical simulations for large-scale structure cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2936-2965	4-3	195
876	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <b>2017</b> , 605, A4		32
875	Mg ii Absorption at $z \approx 2$ . <i>Astrophysical Journal</i> , <b>2017</b> , 850, 188	4-7	26
874	Insights on star-formation histories and physical properties of $1.2 < z < 4$ Herschel-detected galaxies. <b>2017</b> , 605, A29		9
873	A new astrophysical solution to the Too Big To Fail problem. <b>2017</b> , 607, A13		16
872	ALMA deep field in SSA22: Blindly detected CO emitters and [C ii] emitter candidates. <b>2017</b> , 69,		21
871	On stellar mass loss from galaxies in groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4170-4193	4-3	21
870	Spreading out and staying sharp ¶reating diverse rotation curves via baryonic and self-interaction effects. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 2283-2295	4-3	81
869	Testing baryon-induced core formation in $\Lambda$ CDM: A comparison of the DC14 and coreNFW dark matter halo models on galaxy rotation curves. <b>2017</b> , 605, A55		11
868	Clumpy galaxies seen in H $\alpha$ inflated observed clump properties due to limited spatial resolution and sensitivity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 4792-4800	4-3	19
867	Stellar halo hierarchical density structure identification using (F)OPTICS. <b>2017</b> , 599, A143		9
866	Separation of stellar populations by an evolving bar: implications for the bulge of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 1587-1611	4-3	80
865	The KMOS Deep Survey (KDS) II. Dynamical measurements of typical star-forming galaxies at $z \approx 3.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 1280-1320	4-3	55
864	TESTING LORENTZ SYMMETRY USING HIGH ENERGY ASTROPHYSICS OBSERVATIONS. <b>2017</b> , 9,		10

863	The Baryonic Collapse Efficiency of Galaxy Groups in the RESOLVE and ECO Surveys. <i>Astrophysical Journal</i> , <b>2017</b> , 849, 20	4-7	8
862	How stellar feedback simultaneously regulates star formation and drives outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 1682-1698	4-3	113
861	The new semi-analytic code GalICS 2.0 I reproducing the galaxy stellar mass function and the Tully-Fisher relation simultaneously. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 1401-1427	4-3	31
860	Bimodal morphologies of massive galaxies at the core of a protocluster at $z = 3.09$ and the strong size growth of a brightest cluster galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 2235-2250	4-3	10
859	X-rays across the galaxy population II. Tracing the main sequence of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3390-3415	4-3	62
858	Testing galaxy formation models with galaxy stellar mass functions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 3256-3270	4-3	12
857	Zooming on the internal structure of $z \geq 6$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2540-2558	4-3	74
856	Merging massive black holes the right place and the right time. <b>2017</b> , 13, 40-45		
855	The COSMOS2015 galaxy stellar mass function. <b>2017</b> , 605, A70		199
854	The impact of clustering and angular resolution on far-infrared and millimeter continuum observations. <b>2017</b> , 607, A89		77
853	Multiple regimes and coalescence timescales for massive black hole pairs; the critical role of galaxy formation physics. <b>2017</b> , 840, 012025		2
852	A chronicle of galaxy mass assembly in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 1659-1675	4-3	113
851	The Fundamental Plane of evolving red nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 3497-3506	4-3	2
850	ZOMG III. Does the halo assembly history influence central galaxies and gas accretion?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 1809-1823	4-3	18
849	MultiDark-Galaxies: data release and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 5206-5231	4-3	45
848	Comparing galaxy formation in semi-analytic models and hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 492-521	4-3	35
847	Brightest group galaxies III: the relative contribution of BGGs to the total baryon content of groups at $z \leq 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 2787-2808	4-3	8
846	Size-Luminosity Relations and UV Luminosity Functions at $z = 6$ Simultaneously Derived from the Complete Hubble Frontier Fields Data. <i>Astrophysical Journal</i> , <b>2018</b> , 855, 4	4-7	83

845	The frequency of very young galaxies in the local Universe: I. A test for galaxy formation and cosmological models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1427-1450	4-3	12
844	Hunting Faint Dwarf Galaxies in the Field Using Integrated Light Surveys. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 69	4-7	34
843	A massive core for a cluster of galaxies at a redshift of 4.3. <b>2018</b> , 556, 469-472		78
842	The Mass and Absorption Columns of Galactic Gaseous Halos. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 5	4-7	24
841	Active Galactic Nuclei Feedback and the Origin and Fate of the Hot Gas in Early-type Galaxies. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 115	4-7	18
840	The vertical structure of gaseous galaxy discs in cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 1019-1037	4-3	22
839	An Epoch of Reionization simulation pipeline based on BEARS. <b>2018</b> , 64, 9-30		2
838	The correlation between the sizes of globular cluster systems and their host dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 3869-3885	4-3	21
837	Recent progress in simulating galaxy formation from the largest to the smallest scales. <b>2018</b> , 2, 368-373		6
836	Disruption of dark matter substructure: fact or fiction?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 3043-3066	4-3	142
835	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> , <b>2018</b> , 477, 3744-3759	4-3	6
834	Star formation quenching in green valley galaxies at $0.5 < z < 1.0$ and constraints with galaxy morphologies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 1346-1358	4-3	17
833	The need for speed: escape velocity and dynamical mass measurements of the Andromeda galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4043-4054	4-3	29
832	Galaxy Formation in Sterile Neutrino Dark Matter Models. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 1	4-7	15
831	Linking black hole growth with host galaxies: the accretion-stellar mass relation and its cosmic evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1887-1911	4-3	43
830	The globular cluster systems of 54 Coma ultra-diffuse galaxies: statistical constraints from HST data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4235-4251	4-3	59
829	Dark matter in dwarf spheroidal galaxies and indirect detection: a review. <b>2018</b> , 81, 056901		30
828	First results from the IllustrisTNG simulations: the stellar mass content of groups and clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 648-675	4-3	529

827	Simulating galaxy formation with the IllustrisTNG model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 4077-4106	4-3	618
826	Gas flows in the circumgalactic medium around simulated high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 4279-4301	4-3	14
825	Dark matter self-interactions and small scale structure. <b>2018</b> , 730, 1-57		396
824	An Alternate Approach to Measure Specific Star Formation Rates at $z \sim 7$ . <i>Astrophysical Journal</i> , <b>2018</b> , 852, 107	4-7	23
823	Dark matter substructure in numerical simulations: a tale of discreteness noise, runaway instabilities, and artificial disruption. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4066-4087	4-3	139
822	The upper bound on the lowest mass halo. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 2060-2083	4-3	90
821	The Dramatic Size and Kinematic Evolution of Massive Early-type Galaxies. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 22	4-7	33
820	The relationship between galaxy and dark matter halo size from $z \sim 10$ to the present. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 2714-2736	4-3	66
819	Large-scale galaxy bias. <b>2018</b> , 733, 1-193		300
818	Star clusters in evolving galaxies. <b>2018</b> , 81, 1-38		31
817	Galactic Disk Winds Driven by Cosmic Ray Pressure. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 89	4-7	32
816	A galaxy lacking dark matter. <b>2018</b> , 555, 629-632		191
815	Systematic Identification of LAEs for Visible Exploration and Reionization Research Using Subaru HSC (SILVERRUSH). I. Program strategy and clustering properties of $\sim 2000$ Ly $\alpha$ emitters at $z \sim 6.7$ over the $0.3 \times 0.5$ Gpc $^2$ survey area. <b>2018</b> , 70,		115
814	Emergence of the mass discrepancy-acceleration relation from dark matter-baryon interactions. <b>2018</b> , 2018, 038-038		24
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801	A detection of the environmental dependence of the sizes and stellar haloes of massive central galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 521-537	4-3	16
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795	A Foreground Masking Strategy for [C ii] Intensity Mapping Experiments Using Galaxies Selected by Stellar Mass and Redshift. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 107	4-7	25
794	Connections between Star Cluster Populations and Their Host Galaxy Nuclear Rings. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 116	4-7	11
793	Cumulative Neutrino and Gamma-Ray Backgrounds from Halo and Galaxy Mergers. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 50	4-7	8
792	The Incomplete Conditional Stellar Mass Function: Unveiling the Stellar Mass Functions of Galaxies at 0.1 <i>Astrophysical Journal</i> , <b>2018</b> , 858, 30	4-7	19



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790	The Mass and Absorption Column Densities of Galactic Gaseous Halos. II. The High Ionization State Ions. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 23	4-7	7
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784	The galaxy clustering crisis in abundance matching. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 359-383	4-3	34
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781	Systematics in virial mass estimators for pressure-supported systems. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 5073-5090	4-3	52
780	Cosmic evolution of the spatially resolved star formation rate and stellar mass of the CALIFA survey. <b>2018</b> , 615, A27		40
779	The Bright-end Galaxy Candidates at $z \sim 9$ from 79 Independent HST Fields. <i>Astrophysical Journal</i> , <b>2018</b> , 867, 150	4-7	28
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777	Shark: introducing an open source, free, and flexible semi-analytic model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 3573-3603	4-3	97
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775	Inferring the star formation histories of massive quiescent galaxies with bagpipes: evidence for multiple quenching mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 4379-4401	4-3	111
774	Impact of inter-correlated initial binary parameters on double black hole and neutron star mergers. <b>2018</b> , 619, A77		40

773	Quenching and ram pressure stripping of simulated Milky Way satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 548-567	4-3	88
772	The Dawes Review 8: Measuring the Stellar Initial Mass Function. <b>2018</b> , 35,		43
771	A Redshift-independent Efficiency Model: Star Formation and Stellar Masses in Dark Matter Halos at $z \sim 4$ . <i>Astrophysical Journal</i> , <b>2018</b> , 868, 92	4-7	88
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769	The clustering of H $\beta$ , [O iii] and [O ii] emitters since $z \sim 1.5$ : dependencies with line luminosity and stellar mass. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 2999-3015	4-3	11
768	Semi-analytic galaxies III. The impact of supernova feedback on the mass-metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 954-969	4-3	18
767	Search for C ii emission on cosmological scales at redshift $z \sim 2.6$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 1911-1924	4-3	32
766	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> , <b>2018</b> , 481, 4133-4157	4-3	62
765	KMOS LENSing Survey (KLENS): Morpho-kinematic analysis of star-forming galaxies at $z \sim 2$ . <b>2018</b> , 613, A72		19
764	Active galactic nucleus outflows in galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 2288-2307	4-3	10
763	Early growth of typical high-redshift black holes seeded by direct collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 5016-5025	4-3	29
762	Spatially unresolved SED fitting can underestimate galaxy masses: a solution to the missing mass problem. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 1532-1547	4-3	25
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760	Pushing back the limits: detailed properties of dwarf galaxies in a $\Lambda$ CDM universe. <b>2018</b> , 616, A96		49
759	Phenomenological consequences of superfluid dark matter with baryon-phonon coupling. <b>2018</b> , 2018, 021-021		33
758	A Census of the LyC photons that form the UV background during reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 4986-5005	4-3	16
757	Dissecting the roles of mass and environment quenching in galaxy evolution with EAGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 864-878	4-3	17
756	FIRE-2 simulations: physics versus numerics in galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 800-863	4-3	413

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752	The merger that led to the formation of the Milky Way's inner stellar halo and thick disk. <b>2018</b> , 563, 85-88		470
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748	Dust attenuation in 2 Monthly Notices of the Royal Astronomical Society, <b>2018</b> , 476, 3991-4006	4-3	61
747	Modelling of Lyman-alpha emitting galaxies and ionized bubbles at the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 5406-5421	4-3	20
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742	Demographics of Star-forming Galaxies since $z \sim 2.5$ . I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , <b>2018</b> , 858, 100	4-7	58
741	SOFIA/HAWC+ Detection of a Gravitationally Lensed Starburst Galaxy at $z = 1.03$ . <i>Astrophysical Journal</i> , <b>2018</b> , 864, 60	4-7	2
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718	Galaxy spin as a formation probe: the stellar-to-halo specific angular momentum relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 232-243	4-3	31
717	The dependence of cosmic ray-driven galactic winds on halo mass. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 570-584	4-3	43
716	Impact of Lyman alpha pressure on metal-poor dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4617-4635	4-3	27
715	Does the galaxy-halo connection vary with environment?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 741-758	4-3	17
714	Angular momentum of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 228-239	4-3	14
713	Numerical Simulations of Multiphase Winds and Fountains from Star-forming Galactic Disks. I. Solar Neighborhood TIGRESS Model. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 173	4-7	91
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707	Semi-analytic galaxies II. Synthesis of environmental and star-forming regulation mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 2-24	4-3	62
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704	A Limit on the Warm Dark Matter Particle Mass from the Redshifted 21 cm Absorption Line. <b>2018</b> , 859, L18		37
703	Gravitational probes of dark matter physics. <b>2018</b> , 761, 1-60		48
702	The environment and host haloes of the brightest $z \sim 6$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 3760-3774	4-3	9

701	Reconciling volumetric and individual galaxy type Ia supernova rates. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 68-74	4-3	4
700	Deep Extragalactic Visible Legacy Survey (DEVILS): motivation, design, and target catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 768-799	4-3	34
699	Self-sustaining Star Formation Fronts in Filaments during the Cosmic Dawn. <b>2018</b> , 862, L14		1
698	Escape of ionizing radiation from high-redshift dwarf galaxies: role of AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 5607-5625	4-3	46
697	The Connection Between Galaxies and Their Dark Matter Halos. <b>2018</b> , 56, 435-487		289
696	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> , <b>2018</b> , 480, 1197-1210	4-3	11
695	Supernova feedback in numerical simulations of galaxy formation: separating physics from numerics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 302-331	4-3	39
694	Exploring stellar evolution with gravitational-wave observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 121-129	4-3	16
693	Formation of globular cluster systems: from dwarf galaxies to giants. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 2343-2356	4-3	60
692	The Globular Cluster Systems of Ultra-diffuse Galaxies in the Coma Cluster. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 82	4-7	59
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690	The influence of Sagittarius and the Large Magellanic Cloud on the stellar disc of the Milky Way Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 286-306	4-3	89
689	The escape speed curve of the Galaxy obtained from Gaia DR2 implies a heavy Milky Way. <b>2018</b> , 616, L9		66
688	Searching for dark matter annihilation from individual halos: uncertainties, scatter and signal-to-noise ratios. <b>2018</b> , 2018, 019-019		5
687	Free-floating molecular clumps and gas mixing: hydrodynamic aftermaths of the intracluster/interstellar medium interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 2191-2199	4-3	
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684	Interpreting the cosmic far-infrared background anisotropies using a gas regulator model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3974-3995	4-3	3

683	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> , <b>2018</b> , 478, 1694-1715	4.3	68
682	First Predictions of the Angular Power Spectrum of the Astrophysical Gravitational Wave Background. <b>2018</b> , 120, 231101		42
681	A Model Connecting Galaxy Masses, Star Formation Rates, and Dust Temperatures across Cosmic Time. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 36	4.7	18
680	The route to massive black hole formation via merger-driven direct collapse: a review. <b>2019</b> , 82, 016901		30
679	Ghostly haloes in dwarf galaxies: constraints on the star formation efficiency before reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 2673-2688	4.3	1
678	Reconciling the Diversity and Uniformity of Galactic Rotation Curves with Self-Interacting Dark Matter. <b>2019</b> , 9,		39
677	Quenching time-scales of galaxies in the eagle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 3740-3758	4.3	26
676	Stochastic modelling of star-formation histories I: the scatter of the star-forming main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 3845-3869	4.3	34
675	NIHAO XVI: the properties and evolution of kinematically selected discs, bulges, and stellar haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 4424-4456	4.3	17
674	Multiverse Predictions for Habitability: The Number of Stars and Their Properties. <b>2019</b> , 5, 149		4
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672	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 1-17	4.3	6
671	Probing cosmic dawn with emission lines: predicting infrared and nebular line emission for ALMA and JWST. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 5902-5921	4.3	40
670	NIHAO [XVII]. Introducing black hole formation, accretion, and feedback into the NIHAO simulation suite. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 5476-5489	4.3	7
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668	A comparison of the ( $R_{\text{h}}=ct$ ) and ( $\Lambda$ )CDM cosmologies based on the observed halo mass function. <b>2019</b> , 79, 1		5
667	The galaxy halo connection in modified gravity cosmologies: environment dependence of galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 782-802	4.3	3
666	The Inflow and Outflow Rate Evolution of Local Milky Way-mass Star-forming Galaxies since $z = 1.3$ . <i>Astrophysical Journal</i> , <b>2019</b> , 876, 21	4.7	1

665	Realistic simulations of galaxy formation in f(R) modified gravity. <b>2019</b> , 3, 945-954		16
664	Uncovering the birth of the Milky Way through accurate stellar ages with Gaia. <b>2019</b> , 3, 932-939		91
663	Edge-on H i-bearing Ultra-diffuse Galaxy Candidates in the 40% ALFALFA Catalog. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 30	4-7	9
662	Predictions for the spatial distribution of the dust continuum emission in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 1779-1789	4-3	35
661	The assembly of the Virgo cluster, traced by its galaxy haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 1111-1126	4-3	1
660	Baryon-induced dark matter cores in the eagle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 2387-2404	4-3	47
659	Abundance matching with the mean star formation rate: there is no missing satellites problem in the Milky Way above M200 ~ 109 M $\odot$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 5799-5812	4-3	29
658	The total mass of the Large Magellanic Cloud from its perturbation on the Orphan stream. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 2685-2700	4-3	130
657	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> , <b>2019</b> , 487, 3581-3606	4-3	18
656	Phat ELVIS: The inevitable effect of the Milky Way disc on its dark matter subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 4409-4423	4-3	49
655	The Faintest Dwarf Galaxies. <b>2019</b> , 57, 375-415		183
654	Lyman $\alpha$ emitting galaxies in the epoch of reionization. <b>2019</b> , 627, A84		18
653	Halo acceleration relation. <b>2019</b> , 488, L41-L46		8
652	Local photoionization feedback effects on galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 1518-1538	4-3	4
651	Quantifying the power spectrum of small-scale structure in semi-analytic galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 5085-5092	4-3	8
650	New perspectives on the BOSS small-scale lensing discrepancy for the Planck $\Lambda$ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 5771-5787	4-3	20
649	The tidal evolution of dark matter substructure I. subhalo density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 2091-2101	4-3	29
648	The clustering of typical Ly $\alpha$ emitters from $z \sim 2.5$ : host halo masses depend on Ly and UV luminosities. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 555-573	4-3	20



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646	Galactic habitability re-examined: indications of bimodality. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 408-416	4-3	8
645	Discovery of a Dark, Massive, ALMA-only Galaxy at $z \sim 5.8$ in a Tiny 3 mm Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 154	4-7	43
644	Constraining scatter in the stellar mass-halo mass relation for haloes less massive than the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4916-4925	4-3	6
643	The Milky Way halo and subhaloes in self-interacting dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 2117-2123	4-3	23
642	Revealing the galaxy-halo connection in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5693-5711	4-3	27
641	Semi-analytic forecasts for JWST III. Physical properties and scaling relations for galaxies at $z \sim 4-10$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 2855-2879	4-3	39
640	The hidden satellites of massive galaxies and quasars at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 5181-5186	4-3	3
639	Resolved and Integrated Stellar Masses in the SDSS-iv/MaNGA Survey. I. PCA Spectral Fitting and Stellar Mass-to-light Ratio Estimates. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 82	4-7	8
638	Learning the relationship between galaxies spectra and their star formation histories using convolutional neural networks and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5503-5520	4-3	11
637	A fast radio burst in the direction of the Virgo Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 1-8	4-3	13
636	Be it therefore resolved: cosmological simulations of dwarf galaxies with 30 solar mass resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 4447-4463	4-3	71
635	Clustering constraints on the relative sizes of central and satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 1805-1819	4-3	7
634	Observing AGN feedback with CO intensity mapping. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 260-273	4-3	10
633	Properties of the stochastic astrophysical gravitational wave background: Astrophysical sources dependencies. <b>2019</b> , 100,		22
632	Spatially Resolved Stellar Kinematics of the Ultra-diffuse Galaxy Dragonfly 44. I. Observations, Kinematics, and Cold Dark Matter Halo Fits. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 91	4-7	49
631	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> , <b>2019</b> , 880, 129	4-7	17
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629	Is the dark-matter halo spin a predictor of galaxy spin and size?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4801-4815	4-3	43
628	Black holes: The next generation—repeated mergers in dense star clusters and their gravitational-wave properties. <b>2019</b> , 100,		130
627	Dark Energy Survey Year 1 results: the effect of intracluster light on photometric redshifts for weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4389-4399	4-3	5
626	Origins of scaling relations of globular cluster systems. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 5409-5419	4-3	21
625	How to optimally constrain galaxy assembly bias: supplement projected correlation functions with count-in-cells statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 3541-3567	4-3	15
624	Constraining the evolution of [C ii] intensity through the end stages of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 3014-3023	4-3	22
623	MMT/MMIRS spectroscopy of $z = 1.3 - 2.4$ extreme [O iii] emitters: implications for galaxies in the reionization era. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 2572-2594	4-3	43
622	Energy equipartition between stellar and dark matter particles in cosmological simulations results in spurious growth of galaxy sizes. <b>2019</b> , 488, L123-L128		34
621	Molecular clouds in the Cosmic Snake normal star-forming galaxy 8 billion years ago. <b>2019</b> , 3, 1115-1121		29
620	The trajectories of galaxies in groups: mass-loss and preprocessing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 235-248	4-3	9
619	Does radiative feedback make faint $z > 6$ galaxies look small?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4379-4392	4-3	2
618	UniverseMachine: The correlation between galaxy growth and dark matter halo assembly from $z \approx 0$ to $z = 10$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 3143-3194	4-3	346
617	The COSMOS-UltraVISTA stellar-to-halo mass relationship: new insights on galaxy formation efficiency out to $z \sim 5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 5468-5481	4-3	14
616	Linear bias forecasts for emission line cosmological surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 5737-5765	4-3	13
615	Cross-correlating Carbon Monoxide Line-intensity Maps with Spectroscopic and Photometric Galaxy Surveys. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 186	4-7	14
614	Osaka feedback model: isolated disc galaxy simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 2632-2655	4-3	13
613	Long Gamma-Ray Burst Rate at Very High Redshift. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 128	4-7	8
612	Dynamics and shocks from H $\alpha$ emission of nearby galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 1551-1569	4-3	1

611	The Impact of Environment on Late-time Evolution of the Stellar Mass Halo Mass Relation. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 14	4-7	7
610	Measuring the Delay Time Distribution of Binary Neutron Stars. I. Through Scaling Relations of the Host Galaxies of Gravitational-wave Events. <b>2019</b> , 878, L12		11
609	Galaxy formation and evolution science in the era of the Large Synoptic Survey Telescope. <b>2019</b> , 1, 450-462		9
608	A Consistent Set of Empirical Scaling Relations for Spiral Galaxies: The ( $v_{\text{max}}$ , $M_{\text{DM}}$ )-( $M_{\text{BH}}$ , $?$ ) Relations. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 64	4-7	12
607	The signal of decaying dark matter with hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 4071-4089	4-3	7
606	The dynamics and distribution of angular momentum in HiZELS star-forming galaxies at $z \approx 0.8$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 175-194	4-3	11
605	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> , <b>2019</b> , 486, 3134-3179	4-3	61
604	Line Intensity Mapping with [C ii] and CO(1-0) as Probes of Primordial Non-Gaussianity. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 126	4-7	29
603	Revisiting the Size-Luminosity Relation in the Era of Ultra Diffuse Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 155	4-7	15
602	NIHAO XV: the environmental impact of the host galaxy on galactic satellite and field dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 1314-1341	4-3	59
601	The dependence of the X-ray AGN clustering on the properties of the host galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 1374-1387	4-3	6
600	Observational Constraints on the Merger History of Galaxies since $z \approx 6$ : Probabilistic Galaxy Pair Counts in the CANDELS Fields. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 110	4-7	55
599	Quasar Sightline and Galaxy Evolution (QSAGE) survey II. The galaxy environment of O vi absorbers up to $z = 1.4$ around PKS 0232-04. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 21-41	4-3	19
598	A semi-analytical perspective on massive galaxies at $z \sim 0.55$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 1316-1331	4-3	4
597	simba: Cosmological simulations with black hole growth and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 2827-2849	4-3	257
596	Explaining the enhanced star formation rate of Jellyfish galaxies in galaxy clusters. <b>2019</b> , 486, L26-L30		5
595	NIHAO XX: the impact of the star formation threshold on the cuspy-to-core transformation of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 655-671	4-3	36
594	The minimum metallicity of globular clusters and its physical origin: implications for the galaxy mass-metallicity relation and observations of proto-globular clusters at high redshift. <b>2019</b> , 486, L20-L25		26

593	Study of gravitational fields and globular cluster systems of early-type galaxies. <b>2019</b> , 625, A32		9
592	Magnetogenesis at Cosmic Dawn: tracing the origins of cosmic magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 2620-2631	4.3	10
591	Feedback by supermassive black holes in galaxy evolution: impacts of accretion and outflows on the star formation rate. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 1509-1522	4.3	9
590	How Are Galaxies Assigned to Halos? Searching for Assembly Bias in the SDSS Galaxy Clustering. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 115	4.7	19
589	Joint Power Spectrum and Voxel Intensity Distribution Forecast on the CO Luminosity Function with COMAP. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 75	4.7	16
588	Evolution of Star-forming Galaxies from $z = 0.7$ to $1.2$ with eBOSS Emission-line Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 147	4.7	21
587	The Origin of r-process Enhanced Metal-poor Halo Stars In Now-destroyed Ultra-faint Dwarf Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 247	4.7	24
586	The Effect of Dark MatterDark Radiation Interactions on Halo Abundance: A PressSchechter Approach. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 101	4.7	12
585	Detection and Classification of Supernovae Beyond $z \sim 2$ Redshift with the James Webb Space Telescope. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 158	4.7	3
584	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift $\sim 0.25$ . <i>Astrophysical Journal</i> , <b>2019</b> , 874, 165	4.7	45
583	The GalaxyHalo Connection in Low-mass Halos. <b>2019</b> , 871, L21		9
582	Black versus Dark: Rapid Growth of Supermassive Black Holes in Dark Matter Halos at $z \sim 6$ . <b>2019</b> , 872, L29		6
581	Abundance matching for low-mass galaxies in the CDM and FDM models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 4364-4371	4.3	5
580	Galaxies of the $z \sim 2$ Universe. I. Grism-selected Rest-frame Optical Emission-line Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 152	4.7	7
579	Covariances of galaxy stellar mass functions and correlation functions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 1062-1079	4.3	
578	Dark matter response to galaxy assembly history. <b>2019</b> , 622, A197		6
577	Spatially resolved mass-to-light from the CALIFA survey. <b>2019</b> , 621, A120		26
576	Characterizing circumgalactic gas around massive ellipticals at $z \sim 0.4$ III. The galactic environment of a chemically pristine Lyman limit absorber. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 431-441	4.3	13

575	The evolution of cold neutral gas and the star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 3911-3920	4-3	8
574	The Auriga stellar haloes: connecting stellar population properties with accretion and merging history. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 2589-2616	4-3	71
573	NIHAO XIX: how supernova feedback shapes the galaxy baryon cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 2511-2531	4-3	24
572	Cosmological simulations of dwarfs: the need for ISM physics beyond SN feedback alone. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 3317-3333	4-3	17
571	The KMOS3D Survey: Demographics and Properties of Galactic Outflows at $z = 0.6$ . <i>Astrophysical Journal</i> , <b>2019</b> , 875, 21	4-7	75
570	arepo-rt: radiation hydrodynamics on a moving mesh. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 117-149	4-3	41
569	Tracing the sources of reionization in cosmological radiation hydrodynamics simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 1029-1041	4-3	12
568	The formation of ultra-diffuse galaxies in cored dark matter haloes through tidal stripping and heating. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 382-395	4-3	70
567	The origin of the mass scales for maximal star formation efficiency and quenching: the critical role of supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 3446-3456	4-3	22
566	Scalar stochastic gravitational-wave background in Brans-Dicke theory of gravity. <b>2019</b> , 99,		3
565	Kiloparsec Scale Properties of Star Formation Driven Outflows at $z \sim 2.3$ in the SINS/zC-SINF AO Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 122	4-7	40
564	A Second Galaxy Missing Dark Matter in the NGC 1052 Group. <b>2019</b> , 874, L5		93
563	The Stellar-to-halo Mass Ratios of Passive and Star-forming Galaxies at $z \sim 2$ from the SMUVS Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 114	4-7	6
562	Still Missing Dark Matter: KCWI High-resolution Stellar Kinematics of NGC1052-DF2. <b>2019</b> , 874, L12		62
561	Evident black hole-bulge coevolution in the distant universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 3721-3737	4-3	31
560	Two-face(s): ionized and neutral gas winds in the local Universe. <b>2019</b> , 622, A188		18
559	ATLAS probe: Breakthrough science of galaxy evolution, cosmology, Milky Way, and the Solar System. <b>2019</b> , 36,		6
558	Halo mass estimates from the globular cluster populations of 175 low surface brightness galaxies in the Fornax cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4865-4880	4-3	41

557	New synthesis models of consistent extragalactic background light over cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4174-4199	4-3	49
556	Sensitivity of dark matter haloes to their accretion histories. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 1906-1915	4-3	11
555	Millimeter Mapping at $z \sim 1$ : Dust-obscured Bulge Building and Disk Growth. <i>Astrophysical Journal</i> , <b>2019</b> , 870, 130	4-7	18
554	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 160	4-7	15
553	Modeling the Connection between Subhalos and Satellites in Milky Way-like Systems. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 34	4-7	35
552	Constraints on the H I Mass for NGC 1052-DF2. <b>2019</b> , 871, L31		13
551	LoCuSS: scaling relations between galaxy cluster mass, gas, and stellar content. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 60-80	4-3	20
550	Quantifying baryon effects on the matter power spectrum and the weak lensing shear correlation. <b>2019</b> , 2019, 020-020		64
549	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> , <b>2019</b> , 482, 3514-3549	4-3	12
548	Semi-analytic forecasts for JWST II. UV luminosity functions at $z = 4-10$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2983-3006	4-3	64
547	The origin of scatter in the star formation rate-stellar mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 915-932	4-3	57
546	The cosmic evolution of magnesium isotopes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 3561-3572	4-3	6
545	Gamma-Ray Production in the Extended Halo of the Galaxy and Possible Implications for the Origin of Galactic Cosmic Rays. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 40	4-7	4
544	Morphologies of $\sim 190,000$ Galaxies at $z = 0-10$ Revealed with HST Legacy Data. III. Continuum Profile and Size Evolution of Ly $\alpha$ Emitters. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 164	4-7	34
543	Anomalously Low-metallicity Regions in MaNGA Star-forming Galaxies: Accretion Caught in Action?. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 144	4-7	19
542	How to Measure Galaxy Star Formation Histories. I. Parametric Models. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 44	4-7	65
541	Size Scaling of Clump Instabilities in Turbulent, Feedback-regulated Disks. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 170	4-7	
540	Sunscreen: Photometric Signatures of Galaxies Partially Cloaked in Dyson Spheres. <b>2019</b> , 131, 024102		1

539	A distance of 13 Mpc resolves the claimed anomalies of the galaxy lacking dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 1192-1219	4-3	76
538	Probing cosmic dawn: modelling the assembly history, SEDs, and dust content of selected $z \sim 9$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4054-4068	4-3	19
537	The relative specific Type Ia supernovae rate from three years of ASAS-SN. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 3785-3796	4-3	11
536	Galactic outflows in star-forming galaxies at $z \sim 6$ studied with deep UV spectra and ALMA emission line. <b>2019</b> , 15, 307-308		
535	Lorentz Violation Footprints in the Spectrum of High-Energy Cosmic Neutrinos Deformation of the Spectrum of Superluminal Neutrinos from Electron-Positron Pair Production in Vacuum. <b>2019</b> , 11, 1419		4
534	Coevolution (or not) of supermassive black holes and host galaxies: Black hole scaling relations are not biased by selection effects. <b>2019</b> , 14, 186-198		
533	Imprint of the galactic acceleration scale on globular cluster systems. <b>2019</b> , 629, L5		4
532	Stellar and Dust Properties of a Complete Sample of Massive Dusty Galaxies at $1 \lesssim z \lesssim 4$ from MAGPHYS Modeling of UltraVISTA DR3 and Herschel Photometry. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 65	4-7	9
531	Conditions for Reionizing the Universe with a Low Galaxy Ionizing Photon Escape Fraction. <i>Astrophysical Journal</i> , <b>2019</b> , 879, 36	4-7	102
530	Galaxy disc scaling relations: A tight linear galaxy halo connection challenges abundance matching. <b>2019</b> , 629, A59		21
529	Star-forming galaxies at low-redshift in the SHARDS survey. <b>2019</b> , 621, A52		5
528	The XMM-Newton wide field survey in the COSMOS field: Clustering dependence of X-ray selected AGN on host galaxy properties. <b>2019</b> , 629, A14		4
527	The Radial Acceleration Relation Is a Natural Consequence of the Baryonic Tully-Fisher Relation. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 46	4-7	5
526	Planck Far-infrared Detection of Hyper Suprime-Cam Protoclusters at $z \sim 4$ : Hidden AGN and Star Formation Activity. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 214	4-7	12
525	Structural and dynamical modeling of WINGS clusters. <b>2019</b> , 631, A131		16
524	The angular momentum of disc galaxies at $z = 1$ . <b>2019</b> , 621, L6		14
523	The MUSE-Wide Survey: survey description and first data release. <b>2019</b> , 624, A141		45
522	Globular Cluster Systems and X-Ray Atmospheres in Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 259	4-7	1

521	Under the FIRElight: Stellar Tracers of the Local Dark Matter Velocity Distribution in the Milky Way. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 27	4-7	21
520	Column Density, Kinematics, and Thermal State of Metal-bearing Gas within the Virial Radius of $z \sim 2$ Star-forming Galaxies in the Keck Baryonic Structure Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 885, 61	4-7	38
519	A few StePS forward in unveiling the complexity of galaxy evolution: light-weighted stellar ages of intermediate-redshift galaxies with WEAVE. <b>2019</b> , 632, A9		9
518	Measuring the Star Formation Rate with Gravitational Waves from Binary Black Holes. <b>2019</b> , 886, L1		43
517	The Galaxy's Gas Content Regulated by the Dark Matter Halo Mass Results in a Superlinear $M_{BH} - M_{gas}$ Relation. <b>2019</b> , 885, L36		11
516	Modified gravity theories in light of the anomalous velocity dispersion of NGC1052-DF2. <b>2019</b> , 100,		3
515	Galactic Winds in Low-mass Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 886, 74	4-7	25
514	Fast Outflows Identified in Early Star-forming Galaxies at $z = 5.8$ . <i>Astrophysical Journal</i> , <b>2019</b> , 886, 29	4-7	25
513	ChandraCOSMOS Legacy Survey: Clustering dependence of Type 2 active galactic nuclei on host galaxy properties. <b>2019</b> , 632, A88		5
512	GABE: Galaxy Assembly with Binary Evolution. <b>2019</b> , 19, 151		2
511	Cosmological Simulations of Satellites around Isolated Dwarf Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 115	4-7	1
510	The REQUIEM Survey. I. A Search for Extended Ly $\alpha$ Nebular Emission Around 31 $z > 5.7$ Quasars. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 196	4-7	36
509	EDGE: The Origin of Scatter in Ultra-faint Dwarf Stellar Masses and Surface Brightnesses. <b>2019</b> , 886, L3		20
508	Chandracentres for COSMOS X-ray galaxy groups: differences in stellar properties between central dominant and offset brightest group galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 3545-3565	4-3	30
507	A statistical semi-empirical model: satellite galaxies in groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2506-2523	4-3	16
506	The formation and hierarchical assembly of globular cluster populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 4528-4552	4-3	69
505	Tidal disruption events can power the observed AGN in dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 1957-1969	4-3	8
504	Probing Cosmic Origins with CO and [C ii] Emission Lines. <b>2019</b> , 870, L4		16



503	Candidate massive galaxies at $z \sim 1.4$ in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 3060-3081	4-3	14
502	A hypervelocity star with a Magellanic origin. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2007-2013	4-3	34
501	The formation and assembly history of the Milky Way revealed by its globular cluster population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 3180-3202	4-3	153
500	How feedback shapes galaxies: an analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 5083-5100	4-3	3
499	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> , <b>2020</b> , 491, 5795-5814	4-3	28
498	The evolution of galaxy intrinsic alignments in the MassiveBlackII universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 4116-4130	4-3	8
497	A model for core formation in dark matter haloes and ultra-diffuse galaxies by outflow episodes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 4523-4542	4-3	26
496	Swirls of FIRE: spatially resolved gas velocity dispersions and star formation rates in FIRE-2 disc environments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1620-1637	4-3	17
495	Exploring extensions to the standard cosmological model and the impact of baryons on small scales. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 3809-3829	4-3	8
494	How dark are filaments in the cosmic web?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 3158-3170	4-3	3
493	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 102	4-7	33
492	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> , <b>2020</b> , 493, 4453-4462	4-3	3
491	A comparison of H <sub>2</sub> formation models at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 5008-5023	4-3	3
490	Star-Forming Galaxies at Cosmic Noon. <b>2020</b> , 58, 661-725		29
489	The impact of scatter in the galaxy UV luminosity to halo mass relation on Ly $\alpha$ visibility during the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 3602-3613	4-3	21
488	Rapid filamentary accretion as the origin of extended thin discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 4346-4356	4-3	13
487	Dark matter cores and cusps in spiral galaxies and their explanations. <b>2020</b> , 2020, 027-027		24
486	New empirical constraints on the cosmological evolution of gas and stars in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1124-1131	4-3	4

485	Connecting SDSS central galaxies to their host haloes using total satellite luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 5463-5481	4-3	5
484	Effects of self-consistent rest-ultraviolet colours in semi-empirical galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 2645-2661	4-3	9
483	Projection effects on the observed angular spectrum of the astrophysical stochastic gravitational wave background. <b>2020</b> , 101,		20
482	Cosmic evolution of molecular gas mass density from an empirical relationship between L1.4 GHz and L <sub>2</sub> CO. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 1760-1770	4-3	1
481	Lyman $\alpha$ absorption beyond the disc of simulated spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 152-168	4-3	11
480	SHDE: survey description and mass-kinematics scaling relations for dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 5885-5903	4-3	6
479	Starbursting [O iii] emitters and quiescent [C ii] emitters in the reionization era. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 5541-5556	4-3	13
478	Simulating the spatial distribution and kinematics of globular clusters within galaxy clusters in illustris. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 5357-5368	4-3	7
477	Modelling the large-scale mass density field of the universe as a function of cosmology and baryonic physics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 4800-4819	4-3	28
476	The ALPINE ALMA [C ii] Survey: on the nature of an extremely obscured serendipitous galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 875-887	4-3	12
475	Calibration of a star formation and feedback model for cosmological simulations with enzo. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 5203-5219	4-3	5
474	X-ray emission from hot gas in galaxy groups and clusters in simba. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 3061-3076	4-3	11
473	Linking compact dwarf starburst galaxies in the RESOLVE survey to downsized blue nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 4730-4750	4-3	
472	Kraken reveals itself – the merger history of the Milky Way reconstructed with the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 2472-2491	4-3	59
471	[O ii] emitters in MultiDark-Galaxies and DEEP2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 5432-5453	4-3	6
470	Overdensity of SMGs in fields containing $z \sim 0.3$ galaxies: magnification bias and the implications for studies of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 4635-4649	4-3	3
469	The Dekel-Zhao profile: a mass-dependent dark-matter density profile with flexible inner slope and analytic potential, velocity dispersion, and lensing properties. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 2912-2933	4-3	14
468	Dark Matters on the Scale of Galaxies. <b>2020</b> , 6, 107		27

467	The diversity and variability of star formation histories in models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 430-463	4.3	25
466	Enhanced spectrum of primordial perturbations, galaxy formation, and small-scale structure. <b>2020</b> , 102,		3
465	The CO universe: modelling CO emission and H <sub>2</sub> abundance in cosmological galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 5960-5971	4.3	5
464	Self-Interacting Dark Matter and the Origin of Ultradiffuse Galaxies NGC1052-DF2 and -DF4. <b>2020</b> , 125, 111105		10
463	Limit on the LMC mass from a census of its satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 2554-2563	4.3	47
462	Evidence for galaxy quenching in the green valley caused by a lack of a circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 2289-2301	4.3	3
461	The dependence of the galaxy stellar-to-halo mass relation on galaxy morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 3578-3593	4.3	11
460	H I study of isolated and paired galaxies: the MIR SFR-M? sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 3193-3213	4.3	2
459	Structure formation models weaken limits on WIMP dark matter from dwarf spheroidal galaxies. <b>2020</b> , 102,		16
458	Modelling a bright $z \approx 6$ galaxy at the faint end of the AGN luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3453-3463	4.3	9
457	GALICS 2.1: a new semianalytic model for cold accretion, cooling, feedback, and their roles in galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 279-301	4.3	2
456	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> , <b>2020</b> , 497, 698-725	4.3	26
455	scampy [A sub-halo clustering] and abundance matching based python interface for painting galaxies on the dark matter halo/sub-halo hierarchy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 2095-2113	4.3	1
454	The globular cluster system mass halo mass relation in the E-MOSAICS simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 1050-1061	4.3	10
453	A single galaxy population? Statistical evidence that the star-forming main sequence might be the tip of the iceberg. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 573-586	4.3	4
452	The three causes of low-mass assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 4763-4782	4.3	23
451	Abundance matching tested on small scales with galaxy dynamics. <b>2020</b> , 496, L101-L105		2
450	High-redshift JWST predictions from IllustrisTNG: II. Galaxy line and continuum spectral indices and dust attenuation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 4747-4768	4.3	13

449	Differences and similarities of stellar populations in LAEs and LBGs at $z \sim 3.4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 1807-1824	4-3	7
448	Spatial correlations of extended cosmological structures. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3227-3234	4-3	
447	Explaining the chemical trajectories of accreted and in-situ halo stars of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 2645-2651	4-3	4
446	Early-type galaxy density profiles from IllustrisTNG II. Galaxy correlations and the impact of baryons. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 5188-5215	4-3	11
445	Balmer Break Galaxy Candidates at $z \sim 6$ : A Potential View on the Star Formation Activity at $z \sim 14$ . <i>Astrophysical Journal</i> , <b>2020</b> , 889, 137	4-7	16
444	Formation channels of slowly rotating early-type galaxies. <b>2020</b> , 635, A129		13
443	The stellar-to-halo mass relation over the past 12 Gyr. <b>2020</b> , 634, A135		23
442	An ALMA survey of the SCUBA-2 CLS UDS field: physical properties of 707 sub-millimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3828-3860	4-3	80
441	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> , <b>2020</b> , 495, 4248-4267	4-3	17
440	A systematic search for galaxy proto-cluster cores at $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 3169-3181	4-3	7
439	The missing dwarf galaxies of the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 2596-2605	4-3	7
438	The Milky Way total mass profile as inferred from Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 4291-4313	4-3	94
437	The maximum accretion rate of hot gas in dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 6042-6058	4-3	19
436	Cosmic evolution of star-forming galaxies to $z \sim 1.8$ in the faint low-frequency radio source population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 5911-5924	4-3	9
435	On the (Lack of) Evolution of the Stellar Mass Function of Massive Galaxies from $z = 1.5$ to 0.4. <i>Astrophysical Journal</i> , <b>2020</b> , 892, 7	4-7	20
434	Applying Noether's Theorem to Matter in the Milky Way: Evidence for External Perturbations and Non-steady-state Effects from Gaia Data Release 2. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 110	4-7	6
433	Dynamical Evolution of Cosmic Supermassive Binary Black Holes and Their Gravitational-wave Radiation. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 86	4-7	7
432	The Evolution of the Star-Forming Interstellar Medium Across Cosmic Time. <b>2020</b> , 58, 157-203		78

431	The fates of the circumgalactic medium in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3581-3595	4-3	26
430	Timing the Early Assembly of the Milky Way with the H3 Survey. <b>2020</b> , 897, L18		32
429	Rapid early coeval star formation and assembly of the most-massive galaxies in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 4607-4621	4-3	9
428	A recent starburst in the low surface brightness galaxy UGCG628. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 55-69	4-3	1
427	The frequency of very young galaxies in the local Universe III. The view from SDSS spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 1791-1811	4-3	8
426	Globular Cluster Formation from Colliding Substructure. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 18	4-7	13
425	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> , <b>2020</b> , 492, 3685-3707	4-3	9
424	UV and NIR size of the low-mass field galaxies: the UV compact galaxies. <b>2020</b> , 633, A105		2
423	The impact of wind scalings on stellar growth and the baryon cycle in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 1-28	4-3	3
422	Early-type Host Galaxies of Type Ia Supernovae. II. Evidence for Luminosity Evolution in Supernova Cosmology. <i>Astrophysical Journal</i> , <b>2020</b> , 889, 8	4-7	36
421	Forming early-type galaxies without AGN feedback: a combination of merger-driven outflows and inefficient star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 1385-1398	4-3	13
420	The ALPINE-ALMA [C II] survey: Star-formation-driven outflows and circumgalactic enrichment in the early Universe. <b>2020</b> , 633, A90		51
419	Constraining the recent star formation history of galaxies: an approximate Bayesian computation approach. <b>2020</b> , 635, A136		10
418	Stochastic gravitational wave background anisotropies in the mHz band: astrophysical dependencies. <b>2020</b> , 493, L1-L5		9
417	Early Low-mass Galaxies and Star-cluster Candidates at $z \sim 6$ Identified by the Gravitational-lensing Technique and Deep Optical/Near-infrared Imaging. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 60	4-7	21
416	Evolution of dwarf galaxy observable parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 638-650	4-3	1
415	EDGE: the mass-metallicity relation as a critical test of galaxy formation physics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 1656-1672	4-3	45
414	Feedback from supermassive black holes transforms centrals into passive galaxies by ejecting circumgalactic gas. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 2939-2952	4-3	34

413	The Formation History of Subhalos and the Evolution of Satellite Galaxies. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 139	4-7	7
412	Galaxy sizes and the galaxy halo connection II. The remarkable tightness of the size distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 1671-1690	4-3	23
411	Gravity and the non-linear growth of structure in the Carnegie-Spitzer-IMACS Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 2628-2640	4-3	4
410	Entropy-driven winds: Outflows and fountains lifted gently by buoyancy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 2149-2170	4-3	13
409	Cool outflows in galaxies and their implications. <b>2020</b> , 28, 1		115
408	Clustering with JWST: Constraining galaxy host halo masses, satellite quenching efficiencies, and merger rates at $z \approx 4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 1178-1196	4-3	9
407	Spatial Distribution of O vi Covering Fractions in the Simulated Circumgalactic Medium. <i>Astrophysical Journal</i> , <b>2021</b> , 907, 8	4-7	2
406	Simple halo model formalism for the cosmic infrared background and its correlation with the thermal Sunyaev-Zel'dovich effect. <b>2021</b> , 645, A40		8
405	Magnetogenesis around the first galaxies: the impact of different field seeding processes on galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5726-5744	4-3	11
404	Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 772-793	4-3	11
403	Probing the existence of a rich galaxy overdensity at $z \approx 5.2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4558-4575	4-3	1
402	A titanic interstellar medium ejection from a massive starburst galaxy at redshift 1.4. <b>2021</b> , 5, 319-330		5
401	Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. <b>2021</b> , 252, 18		27
400	The luminosity functions and redshift evolution of satellites of low-mass galaxies in the COSMOS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 1205-1217	4-3	3
399	The galaxy halo connection of emission-line galaxies in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3599-3617	4-3	13
398	The properties and environment of very young galaxies in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4815-4841	4-3	2
397	Formation of the largest galactic cores through binary scouring and gravitational wave recoil. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4794-4814	4-3	8
396	The origin of X-ray coronae around simulated disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 2934-2951	4-3	4

395	The AGN galaxy halo connection: the distribution of AGN host halo masses to $z = 2.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5962-5980	4-3	3
394	Luminosity Functions and Host-to-host Scatter of Dwarf Satellite Systems in the Local Volume. <i>Astrophysical Journal</i> , <b>2021</b> , 908, 109	4-7	22
393	The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at $1.4 \leq z \leq 2.6$ . <i>Astrophysical Journal</i> , <b>2021</b> , 908, 120	4-7	5
392	Multiwavelength dissection of a massive heavily dust-obscured galaxy and its blue companion at $z \sim 2$ . <b>2021</b> , 646, A127		1
391	ALMA Measures Rapidly Depleted Molecular Gas Reservoirs in Massive Quiescent Galaxies at $z \sim 1.5$ . <i>Astrophysical Journal</i> , <b>2021</b> , 908, 54	4-7	12
390	Dark matter haloes of massive elliptical galaxies at $z \sim 0.2$ are well described by the Navarro-Frenk-White profile. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 2380-2405	4-3	11
389	FIR-luminous [C ii] Emitters in the ALMA-SCUBA-2 COSMOS Survey (AS2COSMOS): The Nature of Submillimeter Galaxies in a 10 Comoving Megaparsec-scale Structure at $z \sim 4.6$ . <i>Astrophysical Journal</i> , <b>2021</b> , 907, 122	4-7	3
388	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> , <b>2021</b> , 503, 31-58	4-3	7
387	A hierarchical clustering method for quantifying satellite abundance. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 4976-4991	4-3	
386	Size, shade, or shape? The contribution of galaxies of different types to the star formation history of the Universe from SDSS-IV MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3128-3143	4-3	2
385	Black Holes as Evidence of God's Care. <b>2021</b> , 12, 201		
384	Galaxy Look-back Evolution Models: A Comparison with Magneticum Cosmological Simulations and Observations. <i>Astrophysical Journal</i> , <b>2021</b> , 910, 87	4-7	2
383	Incidence, scaling relations and physical conditions of ionized gas outflows in MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 5134-5160	4-3	10
382	Bar-like galaxies in IllustrisTNG. <b>2021</b> , 647, A143		1
381	Multiwavelength mock galaxy catalogues of the low-redshift Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 4147-4162	4-3	3
380	Evidence for Gas-phase Metal Deficiency in Massive Protocluster Galaxies at $z \sim 2.2^*$ . <i>Astrophysical Journal</i> , <b>2021</b> , 910, 57	4-7	1
379	The tidal evolution of dark matter substructure III. The impact of artificial disruption on subhalo mass functions and radial profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 4075-4097	4-3	13
378	Hubble Space Telescope Observations of Two Faint Dwarf Satellites of Nearby LMC Analogs from MADCASH*. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 211	4-7	8

377	emerge: constraining merging probabilities and time-scales of close galaxy pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 5646-5657	4-3	2
376	Simultaneous modelling of matter power spectrum and bispectrum in the presence of baryons. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 3596-3609	4-3	9
375	Galaxy formation in the brane world I: overview and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 3867-3885	4-3	6
374	On the kinetic Sunyaev-Zeldovich effect as an observational probe for halo spin bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 4568-4582	4-3	3
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336	Introducing the NEWHORIZON simulation: Galaxy properties with resolved internal dynamics across cosmic time. <b>2021</b> , 651, A109		22
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331	Constraints on warm dark matter from UV luminosity functions of high- $z$ galaxies with Bayesian model comparison. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 3046-3056	4-3	4
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325	Dark matter density profiles in dwarf galaxies: linking Jeans modelling systematics and observation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 4715-4733	4-3	1
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316	SUPER. V. ALMA continuum observations of z~2 AGN and the elusive evidence of outflows influencing star formation.		4
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314	The Observed Cosmic Star Formation Rate Density Has an Evolution that Resembles a (b, bt) Distribution and Can Be Described Successfully by Only Two Parameters. <i>Astrophysical Journal</i> , <b>2021</b> , 919, 88	4-7	1
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312	Evolving beyond z=0: insights about the future of stars and the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 5432-5450	4-3	1
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296	The SFR-M* main sequence archetypal star-formation history and analytical models. <b>2017</b> , 608, A41		49
295	Impact of polarised extragalactic sources on the measurement of CMBB-mode anisotropies. <b>2020</b> , 642, A232		7
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288	Discovery of molecular gas fueling galaxy growth in a protocluster at $z = 1.7$ . <b>2020</b> , 641, L6		6

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283	The significant effects of stellar mass estimation on galaxy pair fractions.. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 2265-2275	4-3	5
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277	Cosmological simulations of the same spiral galaxy: the impact of baryonic physics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 501, 62-77	4-3	6
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272	Self-interacting dark matter and the delay of supermassive black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 2177-2187	4-3	5
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267	Creating a galaxy lacking dark matter in a dark matter-dominated universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 501, 693-700	4-3	13
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259	Main-sequence Scatter is Real: The Joint Dependence of Galaxy Clustering on Star Formation and Stellar Mass. <b>2021</b> , 161, 49		5
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256	On the Orbital Decay of Globular Clusters in NGC 1052-DF2: Testing a Baryon-only Mass Model. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 133	4-7	15
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248	Investigating Overdensities around $z > 6$ Galaxies through ALMA Observations of [C ii]. <i>Astrophysical Journal</i> , <b>2020</b> , 889, 98	4-7	5
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237	The Radial Acceleration Relation in CLASH Galaxy Clusters. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 70	4-7	21
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230	An Intensity Mapping Detection of Aggregate CO Line Emission at 3 mm. <i>Astrophysical Journal</i> , <b>2020</b> , 901, 141	4-7	16
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218	A first estimate of the Milky Way dark matter halo spin.		2
217	The tidal evolution of the Fornax dwarf spheroidal and its globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	5
216	Extended Hernquist-Springel formalism for cosmic star formation. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0



215	Astraeus IV: Quantifying the star formation histories of galaxies in the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	2
214	Pre-supernova feedback mechanisms drive the destruction of molecular clouds in nearby star-forming disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	17
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199	Feeding and feedback from little monsters: AGN in dwarf galaxies. <b>2020</b> , 15, 238-242		1
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191	Hyper Suprime-Cam Subaru Strategic Program: A Mass-dependent Slope of the Galaxy Size-Mass Relation at z. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 38	4.7	8
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188	Stellar and weak lensing profiles of massive galaxies in the Hyper-Suprime Cam survey and in hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 432-447	4.3	3
187	OUP accepted manuscript. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
186	A quantitative assessment of completeness correction methods and public release of a versatile simulation code. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
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183	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> ,	4.3	5
182	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> ,	4.3	1
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180	A multi-messenger view of cosmic dawn: Conquering the final frontier. <b>2021</b> , 30,		0

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176	Evolution of C iv Absorbers. II. Where Does C iv Live?. <i>Astrophysical Journal</i> , <b>2022</b> , 924, 12	4-7	1
175	Strong conformity and assembly bias: towards a physical understanding of the galaxy-halo connection in SDSS clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 1789-1807	4-3	3
174	The Galaxy Replacement Technique (GRT): A New Approach to Study Tidal Stripping and Formation of Intracluster Light in a Cosmological Context. <i>Astrophysical Journal</i> , <b>2022</b> , 925, 103	4-7	1
173	The Impact of the First Galaxies on Cosmic Dawn and Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
172	EMPRESS. IV. Extremely Metal-poor Galaxies Including Very Low-mass Primordial Systems with $M^* = 10^4 - 10^5 M_\odot$ and 2% $\alpha$ (O/H): High (Fe/O) Suggestive of Metal Enrichment by Hypernovae/Pair-instability Supernovae. <i>Astrophysical Journal</i> , <b>2022</b> , 925, 111	4-7	3
171	Origin of the spectacular tidal shells of galaxy NGC474.		2
170	Spectroscopic Confirmation of a Protocluster at $z = 3.37$ with a High Fraction of Quiescent Galaxies. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 37	4-7	1
169	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> ,	4-3	0
168	Large-scale dark matter simulations. <b>2022</b> , 8, 1		3
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166	A Mock Catalog of Gravitationally-lensed Quasars for the LSST Survey. <b>2022</b> , 163, 139		0
165	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> , <b>2022</b> , 512, 1730-1750	4-3	1
164	Fast, Slow, Early, Late: Quenching Massive Galaxies at $z \sim 0.8$ . <i>Astrophysical Journal</i> , <b>2022</b> , 926, 134	4-7	7
163	Evidence for Cold-stream to Hot-accretion Transition as Traced by Ly $\alpha$ Emission from Groups and Clusters at $2 \leq z \leq 3.3$ . <b>2022</b> , 926, L21		2
162	First Results from SMAUG: Insights into Star Formation Conditions from Spatially Resolved ISM Properties in TNG50. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 139	4-7	1

161	Precision tests of CO and [CII] power spectra models against simulated intensity maps. <b>2022</b> , 2022, 026		2
160	Clearing the Hurdle: The Mass of Globular Cluster Systems as a Function of Host Galaxy Mass. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 162	4.7	1
159	Galaxies lacking dark matter produced by close encounters in a cosmological simulation.		4
158	Blue Rest-frame UV-optical Colors in $z \sim 8$ Galaxies from GREATS: Very Young Stellar Populations at $\sim 650$ Myr of Cosmic Time. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 48	4.7	1
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156	An Intensity Mapping Constraint on the CO-galaxy Cross-power Spectrum at Redshift $\sim 3$ . <i>Astrophysical Journal</i> , <b>2022</b> , 927, 161	4.7	3
155	The formation of dark-matter-deficient galaxies through galaxy collisions. <b>2022</b> , 2207, 012049		1
154	The Effect of Adiabatic Compression on Dark Matter Halos and the Radial Acceleration Relation. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 198	4.7	0
153	The Observed Evolution of the Stellar Mass-Halo Mass Relation for Brightest Central Galaxies. <i>Astrophysical Journal</i> , <b>2022</b> , 928, 28	4.7	2
152	Mechanical feedback from stellar winds with an application to galaxy formation at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 4573-4592	4.3	1
151	Stochastic gravitational-wave background from stellar core-collapse events. <b>2022</b> , 105,		0
150	GOLDRUSH. IV. Luminosity Functions and Clustering Revealed with $\sim 4,000,000$ Galaxies at $z \sim 2$ : Galaxy AGN Transition, Star Formation Efficiency, and Implication for Evolution at $z \gtrsim 10$ . <b>2022</b> , 259, 20		8
149	LYRA II: Cosmological dwarf galaxy formation with inhomogeneous Population III enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
148	The ASTRID simulation: galaxy formation and reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 3703-3716	4.3	2
147	NIHAO-LG: The uniqueness of local group dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
146	An empirical measurement of the Halo Mass function from the combination of GAMA-DR4, SDSS-DR12, and REFLEX-II data. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
145	Tracing stars in Milky Way satellites with A-SLOTH. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
144	ACACIA: a new method to produce on-the-fly merger trees in the ramses code. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 510, 959-979	4.3	

143	A Physical Model for the Quasar Luminosity Function Evolution between Cosmic Dawn and High Noon. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 110	4-7	1
142	The effect of impact parameters on the formation of massive black hole binaries in galactic mergers. <b>2021</b> , 366, 1		0
141	A high-resolution investigation of the multiphase ISM in a galaxy during the first two billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 3734-3757	4-3	4
140	The Spitzer/IRAC Legacy over the GOODS Fields: Full-depth 3.6, 4.5, 5.8, and 8.0 $\mu$ m Mosaics and Photometry for >9000 Galaxies at $z \sim 3.5$ from the GOODS Reionization Era Wide-area Treasury from Spitzer (GREATS). <b>2021</b> , 257, 68		1
139	Reproducing NGC 3109 association in numerical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 510, 1923-1933	4-3	
138	The Phantom Dark Matter Halos of the Local Volume in the Context of Modified Newtonian Dynamics. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 68	4-7	4
137	On the origin of surprisingly cold gas discs in galaxies at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 3266-3275	4-3	5
136	Quantifying Scatter in Galaxy Formation at the Lowest Masses. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 35	4-7	2
135	The dark matter haloes of HI selected galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 2585-2599	4-3	0
134	Testing the Relationship between Bursty Star Formation and Size Fluctuations of Local Dwarf Galaxies. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 217	4-7	2
133	Momentum deposition of supernovae with cosmic rays. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 511, 1247-1264	4-3	1
132	A Model of Spectral Line Broadening in Signal Forecasts for Line-intensity Mapping Experiments. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 188	4-7	3
131	Preparing for low surface brightness science with the Vera C. Rubin Observatory: characterisation of tidal features from mock images. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
130	A systematic search for galaxy protocluster cores at the transition epoch of their star formation activity. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	1
129	On Estimating the Cosmic Molecular Gas Density from CO Line Intensity Mapping Observations. <i>Astrophysical Journal</i> , <b>2022</b> , 929, 30	4-7	0
128	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> ,	4-3	4
127	A Rich Satellite Population of the NGC 4437 Group and Implications of a Magnitude Gap for Galaxy Group Assembly History. <i>Astrophysical Journal</i> , <b>2022</b> , 929, 36	4-7	0
126	Degeneracies between self-interacting dark matter and supernova feedback as cusp-core transformation mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	1

125	Empirical Evidence of Nonminimally Coupled Dark Matter in the Dynamics of Local Spiral Galaxies?. <i>Astrophysical Journal</i> , <b>2022</b> , 929, 48	4-7	0
124	Mapping the Universe in hydrogen deuteride. <b>2022</b> , 105,		0
123	Decoding the star forming properties of gas-rich galaxy pairs. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
122	COSMOS2020: Cosmic evolution of the stellar-to-halo mass relation for central and satellite galaxies up to $z \sim 5$ .		0
121	Cross-correlations between mm-wave line-intensity mapping and weak lensing surveys: preliminary consideration of long-term prospects. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
120	An Empirical Representation of a Physical Model for the ISM [C ii], CO, and [C i] Emission at Redshift 1 $\leq z \leq 4$ . <i>Astrophysical Journal</i> , <b>2022</b> , 929, 140	4-7	2
119	Estimating transient rates from cosmological simulations and BPASS. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	7
118	The evolution of turbulent galactic discs: gravitational instability, feedback and accretion. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
117	The SAMI Galaxy Survey: The Internal Orbital Structure and Mass Distribution of Passive Galaxies from Triaxial Orbit-superposition Schwarzschild Models. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 153	4-7	3
116	The bending of the star-forming main sequence traces the cold- to hot-accretion transition mass over $0 \leq z \leq 4$ .		0
115	From dawn till disk: Milky Way's turbulent youth revealed by the APOGEE+Gaia data. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
114	Ram pressure stripping in high-density environments. <b>2022</b> , 30,		7
113	A Mass Dependent Density Profile from Dwarfs to Clusters. <b>2022</b> , 10, 69		
112	Baryon cycles in the biggest galaxies. <b>2022</b> , 973, 1-109		4
111	GRUMPY: A simple framework for realistic forward-modelling of dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
110	Ghostly stellar haloes and their relationship to ultra-faint dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
109	The Three Hundred project: The Gizmo-Simba run. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	4
108	Priors on red galaxy stochasticity from hybrid effective field theory. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	2

107	Establishing the Nonprimordial Origin of Black Hole Neutron Star Mergers. <i>Astrophysical Journal</i> , <b>2022</b> , 931, 2	4.7	0
106	ADDGALS: Simulated Sky Catalogs for Wide Field Galaxy Surveys. <i>Astrophysical Journal</i> , <b>2022</b> , 931, 145	4.7	0
105	A population of ultraviolet-dim protoclusters detected in absorption. <b>2022</b> , 606, 475-478		0
104	Reionization Era Bright Emission Line Survey: Selection and Characterization of Luminous Interstellar Medium Reservoirs in the $z > 6.5$ Universe. <i>Astrophysical Journal</i> , <b>2022</b> , 931, 160	4.7	7
103	The XXL survey. XLIX. Linking the members star formation histories to the cluster mass assembly in the $z = 1.98$ galaxy cluster XLSSC 122. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
102	Hot-mode accretion and the physics of thin-disk galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	7
101	Modeling the kinematics of globular cluster systems. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
100	A general framework to test gravity using galaxy clusters VI. Realistic galaxy formation simulations to study clusters in modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 514, 3349-3365	4.3	0
99	A Bayesian Population Model for the Observed Dust Attenuation in Galaxies. <i>Astrophysical Journal</i> , <b>2022</b> , 932, 54	4.7	2
98	Massive Black-Hole Mergers. <b>2022</b> , 851-883		
97	Candidate high-redshift protoclusters and lensed galaxies in the Planck list of high- $z$ sources overlapping with Herschel-SPIRE imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 514, 5004-5023	4.3	0
96	Cosmic star formation history with tomographic cosmic infrared background-galaxy cross-correlation.		1
95	CLASS_GWB: robust modeling of the astrophysical gravitational wave background anisotropies. <b>2022</b> , 2022, 030		0
94	Effect of Dust in Circumgalactic Halos on the Cosmic Shear Power Spectrum. <i>Astrophysical Journal</i> , <b>2022</b> , 933, 19	4.7	
93	The outer stellar mass of massive galaxies: A simple tracer of halo mass with scatter comparable to richness and reduced projection effects. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
92	Constraining the Milky Way Halo Kinematics via Its Linear Response to the Large Magellanic Cloud. <i>Astrophysical Journal</i> , <b>2022</b> , 933, 113	4.7	1
91	COMAP Early Science. VII. Prospects for CO Intensity Mapping at Reionization. <i>Astrophysical Journal</i> , <b>2022</b> , 933, 188	4.7	2
90	COMAP Early Science. V. Constraints and Forecasts at $z \sim 3$ . <i>Astrophysical Journal</i> , <b>2022</b> , 933, 186	4.7	2

89	A multi-wavelength study of Star Formation in nearby galaxies: Evidence for inside-out growth of the stellar disc. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
88	Spatially Resolved Gas-phase Metallicity in FIRE-2 Dwarfs: Late-Time Evolution of Metallicity Relations in Simulations with Feedback and Mergers. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
87	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> ,	4.3	0
86	Intensity mapping from the sky: synergizing the joint potential of [O iii] and [C ii] surveys at reionization. <b>2022</b> , 515, 5813-5822		0
85	Semi-analytic forecasts for JWST VI. Simulated light-cones and galaxy clustering predictions. <b>2022</b> , 515, 5416-5436		1
84	Fingerprints of modified gravity on galaxies in voids. <b>2022</b> , 515, 5358-5374		0
83	Dust, CO and [CII]: Cross-calibration of molecular gas mass tracers in metal-rich galaxies across cosmic time.		1
82	Testing multiflavored ultralight dark matter models with SPARC. <b>2022</b> , 106,		0
81	Intervelocity of galaxy pairs in $\Lambda$ CDM. <b>2022</b> , 664, L6		
80	How baryons affect haloes and large-scale structure: a unified picture from the Simba simulation.		2
79	Two can play at that game: constraining the role of supernova and AGN feedback in dwarf galaxies with cosmological zoom-in simulations.		1
78	Spin-driven jet feedback in idealised simulations of galaxy groups and clusters.		3
77	Cosmological Simulations of the Intergalactic Medium Evolution. III. SPH Simulations. <b>2022</b> , 935, 124		
76	MOCCA-SURVEY Database I: tidal disruption events of white dwarfs in globular clusters and young mass clusters. <b>2022</b> , 515, 4038-4054		
75	The GOGREEN survey: constraining the satellite quenching time-scale in massive clusters at $z \approx 1$ . <b>2022</b> , 515, 5479-5494		0
74	The miniJPAS survey: The role of group environment in quenching the star formation.		0
73	Tidal Distortions in NGC1052-DF2 and NGC1052-DF4: Independent Evidence for a Lack of Dark Matter. <b>2022</b> , 935, 160		2
72	The eROSITA Final Equatorial Depth Survey (eFEDS). X-ray emission around star-forming and quiescent galaxies at $0.05 < z < 0.3$ .		0



71	A galaxy group candidate at $z \approx 3.7$ in the COSMOS field. <b>2022</b> , 665, L7	0
70	Properties of the interstellar medium in star-forming galaxies at redshifts $2 < z < 5$ from the VANDELS survey.	0
69	Impact of the turnover in the high- $z$ galaxy luminosity function on the 21-cm signal during Cosmic Dawn and Epoch of Reionization. <b>2022</b> , 516, 1573-1583	0
68	A universal profile for stacked filaments from cold dark matter simulations. <b>2022</b> , 516, 6041-6054	0
67	Forward-modelling the luminosity, distance, and size distributions of the Milky Way satellites. <b>2022</b> , 516, 3944-3971	2
66	CONCERTO: High-fidelity simulation of millimeter line emissions of galaxies and [CII] intensity mapping.	0
65	Testing the key role of the stellar mass-halo mass relation in galaxy merger rates and morphologies via DECODE, a novel Discrete statistical sEmi-empiriCal mODEL. <b>2022</b> , 516, 3206-3233	0
64	Subhalo abundance and satellite spatial distribution in Milky Way-Andromeda-like paired haloes.	0
63	Probing the magaparsec-scale environment of hyperluminous infrared galaxies.	0
62	Evidence for strong progenitor age dependence of type Ia supernova luminosity standardization process.	0
61	Trinity I: Self-consistently modeling the dark matter halo-galaxy-supermassive black hole connection from $z = 0$ to $10$ .	1
60	Where Did the Outskirts Go? Outer Stellar Halos as a Sensitive Probe of Supernova Feedback. <b>2022</b> , 939, 4	1
59	The effect of the deforming dark matter haloes of the Milky Way and the Large Magellanic Cloud on the Orphan-Chenab stream.	4
58	DIGS: Deep Inference of Galaxy Spectra with Neural Posterior Estimation.	1
57	A super-linear 'radio-AGN main sequence' links mean radio-AGN power and galaxy stellar mass since $z \sim 3$ .	0
56	An intergalactic medium temperature from a giant radio galaxy.	0
55	A tale of a tail: A tidally-disrupting ultra-diffuse galaxy in the M81 group.	0
54	A lensed protocluster candidate at $z = 7.66$ identified in JWST observations of the galaxy cluster SMACS0723-0327. <b>2022</b> , 667, L3	0

53	Keck Spectroscopy of the Coma Cluster Ultra-Diffuse Galaxy Y358: Dynamical Mass in a Wider Context.	2
52	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. <b>2022</b> , 939, 104	0
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