

# Avishai Dekel

## List of Publications by Year in descending order

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Version: 2024-02-01

244  
papers

32,814  
citations

2963

93  
h-index

4101

175  
g-index

247  
all docs

247  
docs citations

247  
times ranked

7405  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clump survival and migration in VDI galaxies: an analytical model versus simulations and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 316-340.	1.6	13
2	On the origin of surprisingly cold gas discs in galaxies at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3266-3275.	1.6	22
3	Evaluating galaxy dynamical masses from kinematics and jeans equilibrium in simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5238-5253.	1.6	13
4	Mass and Environment as Drivers of Galaxy Evolution. IV. On the Quenching of Massive Central Disk Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 911, 57.	1.6	12
5	Compaction-driven black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 172-190.	1.6	18
6	Implications of Increased Central Mass Surface Densities for the Quenching of Low-mass Galaxies. <i>Astrophysical Journal</i> , 2021, 914, 7.	1.6	5
7	The AGORA High-resolution Galaxy Simulations Comparison Project. III. Cosmological Zoom-in Simulation of a Milky Way-mass Halo. <i>Astrophysical Journal</i> , 2021, 917, 64.	1.6	12
8	Core formation in high- $z$ massive haloes: heating by post-compact satellites and response to AGN outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 999-1019.	1.6	10
9	SatGen: a semi-analytical satellite galaxy generator I. The model and its application to Local-Group satellite statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 621-641.	1.6	44
10	Mock light-cones and theory friendly catalogues for the CANDELS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4858-4876.	1.6	35
11	A deep learning approach to test the small-scale galaxy morphology and its relationship with star formation activity in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4359-4382.	1.6	38
12	O $\alpha$ traces photoionized streams with collisionally ionized boundaries in cosmological simulations of $z \sim 1$ massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4948-4967.	1.6	16
13	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> , 2020, 491, 4523-4542.	1.6	42
14	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. <i>Astrophysical Journal</i> , 2020, 897, 102.	1.6	66
15	A mass threshold for galactic gas discs by spin flips. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4126-4142.	1.6	39
16	Origin of star-forming rings around massive centres in massive galaxies at $z \sim 4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5372-5398.	1.6	29
17	Stellar masses of giant clumps in CANDELS and simulated galaxies using machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 814-835.	1.6	27
18	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> , 2020, 499, 2912-2933.	1.6	25

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19	Ly $\alpha$ blobs from cold streams undergoing Kelvinâ€“Helmholtz instabilities. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2415-2427.	1.6	23
20	Instability of supersonic cold streams feeding galaxies â€“ IV. Survival of radiatively cooling streams. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2641-2663.	1.6	51
21	The nature of giant clumps in high- $z$ discs: a deep-learning comparison of simulations and observations. Monthly Notices of the Royal Astronomical Society, 2020, 501, 730-746.	1.6	11
22	Unveiling Sizes of Compact AGN Hosts with ALMA. Astrophysical Journal, 2020, 888, 44.	1.6	12
23	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. Astrophysical Journal, 2020, 899, 93.	1.6	8
24	Structural Evolution in Massive Galaxies at $z \gtrsim 2$ . Astrophysical Journal, 2020, 901, 74.	1.6	52
25	Indirectly Measuring Stellar Velocity Dispersions in High-redshift Disk Galaxies. Research Notes of the AAS, 2020, 4, 203.	0.3	0
26	The global star formation law by supernova feedback. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4753-4778.	1.6	20
27	Formation of ultra-diffuse galaxies in the field and in galaxy groups. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5272-5290.	1.6	87
28	Multi-filament gas inflows fuelling young star-forming galaxies. Nature Astronomy, 2019, 3, 822-831.	4.2	34
29	Can intrinsic alignments of elongated low-mass galaxies be used to map the cosmic web at high redshift?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5580-5593.	1.6	13
30	Kelvinâ€“Helmholtz instability in self-gravitating streams. Monthly Notices of the Royal Astronomical Society, 2019, 490, 181-201.	1.6	17
31	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. Astrophysical Journal Letters, 2019, 884, L52.	3.0	39
32	Is the dark-matter halo spin a predictor of galaxy spin and size?. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4801-4815.	1.6	77
33	CGM properties in VELA and NIHAO simulations; the OVI ionization mechanism: dependence on redshift, halo mass, and radius. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3625-3645.	1.6	25
34	The evolution of galaxy shapes in CANDELS: from prolate to discy. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5170-5191.	1.6	44
35	Distinguishing Mergers and Disks in High-redshift Observations of Galaxy Kinematics. Astrophysical Journal, 2019, 874, 59.	1.6	47
36	Linking galaxy structural properties and star formation activity to black hole activity with IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4413-4443.	1.6	59

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37	Instability of supersonic cold streams feeding Galaxies – III. Kelvin–Helmholtz instability in three dimensions. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1100-1132.	1.6	37
38	The frequency of very young galaxies in the local Universe: I. A test for galaxy formation and cosmological models. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1427-1450.	1.6	13
39	The relationship between galaxy and dark matter halo size from $z \sim 1/3$ to the present. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2714-2736.	1.6	86
40	Tidal stripping and post-merger relaxation of dark matter haloes: causes and consequences of mass-loss. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4038-4057.	1.6	11
41	Reconstruction of the two-dimensional gravitational potential of galaxy clusters from X-ray and Sunyaev-Zeldovich measurements. Astronomy and Astrophysics, 2018, 614, A38.	2.1	5
42	Demographics of Star-forming Galaxies since $z \sim 2.5$ . I. The UVJ Diagram in CANDELS. Astrophysical Journal, 2018, 858, 100.	1.6	79
43	Instability of supersonic cold streams feeding galaxies – II. Non-linear evolution of surface and body modes of Kelvin–Helmholtz instability. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3293-3328.	1.6	28
44	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy–galaxy pairs from $z \sim 3$ to $z \sim 1/3$ . Monthly Notices of the Royal Astronomical Society, 2018, 475, 1549-1573.	1.6	65
45	Quenching of satellite galaxies at the outskirts of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3654-3681.	1.6	59
46	Cold fronts and shocks formed by gas streams in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 476, 56-70.	1.6	23
47	Clumpy Galaxies in CANDELS. II. Physical Properties of UV-bright Clumps at $0.5 \lesssim z \lesssim 3$ . Astrophysical Journal, 2018, 853, 108.	1.6	71
48	On the Transition of the Galaxy Quenching Mode at $0.5 \lesssim z \lesssim 1$ in CANDELS. Astrophysical Journal, 2018, 860, 60.	1.6	13
49	Dust Attenuation, Bulge Formation, and Inside-out Quenching of Star Formation in Star-forming Main Sequence Galaxies at $z \sim 2^*$ . Astrophysical Journal, 2018, 859, 56.	1.6	100
50	Deep Learning Identifies High- $z$ Galaxies in a Central Blue Nugget Phase in a Characteristic Mass Range. Astrophysical Journal, 2018, 858, 114.	1.6	70
51	Structural and Star-forming Relations since $z \sim 3$ : Connecting Compact Star-forming and Quiescent Galaxies. Astrophysical Journal, 2017, 840, 47.	1.6	180
52	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. Astrophysical Journal Letters, 2017, 841, L22.	3.0	23
53	Enhanced momentum feedback from clustered supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2471-2488.	1.6	99
54	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT $z \sim 4$ . Astrophysical Journal, 2017, 834, 81.	1.6	17

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55	CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at $z \sim 1/4 \hat{A}2$ . Astrophysical Journal, 2017, 846, 112.	1.6	72
56	On the Evolution of the Central Density of Quiescent Galaxies. Astrophysical Journal Letters, 2017, 844, L1.	3.0	28
57	Giant clumps in simulated high- $z$ Galaxies: properties, evolution and dependence on feedback. Monthly Notices of the Royal Astronomical Society, 2017, 464, 635-665.	1.6	100
58	Galaxy Zoo: quantitative visual morphological classifications for 48000 galaxies from CANDELS. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4420-4447.	1.6	70
59	NIHAO â€“ XI. Formation of ultra-diffuse galaxies by outflows. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L1-L6.	1.2	185
60	Dark-matter halo profiles of a general cusp/core with analytic velocity and potential. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1005-1022.	1.6	32
61	Formation and settling of a disc galaxy during the last 8 billion years in a cosmological simulation. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2664-2672.	1.6	23
62	Spatially Resolved Kinematics in the Central 1 kpc of a Compact Star-forming Galaxy at $z \sim 1/4 \hat{A}2.3$ from ALMA CO Observations. Astrophysical Journal Letters, 2017, 851, L40.	3.0	42
63	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2017, 465, 619-640.	1.6	41
64	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2054-2084.	1.6	63
65	Properties of dark matter haloes as a function of local environment density. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3834-3858.	1.6	44
66	The new semi-analytic code GalICS 2.0 â€“ reproducing the galaxy stellar mass function and the Tullyâ€“Fisher relation simultaneously. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1401-1427.	1.6	36
67	Satellite quenching, Galaxy inner density and the halo environment. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1077-1094.	1.6	33
68	Effect of Local Environment and Stellar Mass on Galaxy Quenching and Morphology at $0.5 < z < 2.0^{*}$ . Astrophysical Journal, 2017, 847, 134.	1.6	106
69	STELLAR MASSâ€“GAS-PHASE METALLICITY RELATION AT $0.5 < z < 0.7$ : A POWER LAW WITH INCREASING SCATTER TOWARD THE LOW-MASS REGIME. Astrophysical Journal, 2016, 822, 103.	1.6	29
70	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 79.	1.6	99
71	SATELLITE QUENCHING AND GALACTIC CONFORMITY AT $0.3 < z < 2.5^{*}$ . Astrophysical Journal, 2016, 817, 9.	1.6	50
72	SUB-KILOPARSEC ALMA IMAGING OF COMPACT STAR-FORMING GALAXIES AT $z \sim 1/4 \hat{A}2.5$ : REVEALING THE FORMATION OF DENSE GALACTIC CORES IN THE PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal Letters, 2016, 827, L32.	3.0	119

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73	Gas inflow and metallicity drops in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2605-2612.	1.6	62
74	Instability of supersonic cold streams feeding galaxies – I. Linear Kelvin–Helmholtz instability with body modes. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3921-3947.	1.6	46
75	Mass assembly and morphological transformations since $z \approx 3$ from CANDELS. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4495-4516.	1.6	73
76	NIHAO IX: the role of gas inflows and outflows in driving the contraction and expansion of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2658-2675.	1.6	74
77	EVOLUTION OF INTRINSIC SCATTER IN THE SFR–STELLAR MASS CORRELATION AT $0.5 < z < 3$ . Astrophysical Journal Letters, 2016, 820, L1.	3.0	65
78	The role of penetrating gas streams in setting the dynamical state of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 461, 412-432.	1.6	30
79	MUSE searches for galaxies near very metal-poor gas clouds at $z \approx 3$ : new constraints for cold accretion models. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1978-1988.	1.6	66
80	The formation of bulges, discs and two-component galaxies in the CANDELS Survey at $z \lesssim 3$ . Monthly Notices of the Royal Astronomical Society, 2016, 461, 2728-2746.	1.6	33
81	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \approx 1.6$ . Astrophysical Journal, 2016, 826, 214.	1.6	107
82	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	1.6	88
83	CAUGHT IN THE ACT: GAS AND STELLAR VELOCITY DISPERSIONS IN A FAST QUENCHING COMPACT STAR-FORMING GALAXY AT $z \approx 1.7$ . Astrophysical Journal, 2016, 820, 120.	1.6	39
84	The build-up of the outskirts of distant star-forming galaxies at $z \sim 2$ . Proceedings of the International Astronomical Union, 2016, 11, 327-329.	0.0	1
85	Non-parametric analysis of the rest-frame UV sizes and morphological disturbance amongst $L_{UV}^* < z < 8$ galaxies at $4 < z < 8$ . Monthly Notices of the Royal Astronomical Society, 2016, 457, 440-464.	1.6	70
86	Velocities of warm galactic outflows from synthetic H $\alpha$ observations of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2731-2743.	1.6	24
87	Evolution of density profiles in high- $z$ galaxies: compaction and quenching inside-out. Monthly Notices of the Royal Astronomical Society, 2016, 458, 242-263.	1.6	191
88	Suppression of star formation in dwarf galaxies by photoelectric grain heating feedback. Nature, 2016, 535, 523-525.	13.7	53
89	Evolution of galaxy shapes from prolate to oblate through compaction events. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4477-4497.	1.6	46
90	Non-linear violent disc instability with high Toomre's $Q$ in high-redshift clumpy disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2052-2069.	1.6	77

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91	The confinement of star-forming galaxies into a main sequence through episodes of gas compaction, depletion and replenishment. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2790-2813.	1.6	239
92	INFRARED COLOR SELECTION OF MASSIVE GALAXIES AT $z \gtrsim 3$ . Astrophysical Journal, 2016, 816, 84.	1.6	57
93	DIVISION J COMMISSION 28: GALAXIES. Proceedings of the International Astronomical Union, 2015, 11, 525-530.	0.0	0
94	Formation of elongated galaxies with low masses at high redshift. Monthly Notices of the Royal Astronomical Society, 2015, 453, 408-413.	1.6	45
95	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2015, 814, 95.	1.6	54
96	The inferred evolution of the cold gas properties of CANDELS galaxies at $0.5 < z < 3.0$ . Monthly Notices of the Royal Astronomical Society, 2015, 454, 2258-2276.	1.6	41
97	Compaction and quenching of high- $z$ galaxies in cosmological simulations: blue and red nuggets. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2327-2353.	1.6	392
98	Four phases of angular-momentum buildup in high- $z$ galaxies: from cosmic-web streams through an extended ring to disc and bulge. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2087-2111.	1.6	221
99	Scale Free Processes in Galaxy Formation. Proceedings of the International Astronomical Union, 2015, 11, 696-698.	0.0	0
100	The galaxy stellar mass function at $3.5 < z < 7.5$ in the CANDELS/UDS, GOODS-South, and HUDF fields. Astronomy and Astrophysics, 2015, 575, A96.	2.1	215
101	Distribution of streaming rates into high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 637-648.	1.6	23
102	THE ROLE OF BULGE FORMATION IN THE HOMOGENIZATION OF STELLAR POPULATIONS AT $z \gtrsim 2$ AS REVEALED BY INTERNAL COLOR DISPERSION IN CANDELS. Astrophysical Journal, 2015, 803, 104.	1.6	8
103	Quenching and morphological transformation in semi-analytic models and CANDELS. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2933-2956.	1.6	59
104	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. Astrophysical Journal, 2015, 799, 183.	1.6	253
105	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES AT $z \gtrsim 2$ . Astrophysical Journal, 2015, 800, 21.	1.6	24
106	CLUMPY GALAXIES IN CANDELS. I. THE DEFINITION OF UV CLUMPS AND THE FRACTION OF CLUMPY GALAXIES AT $0.5 < z < 3$ . Astrophysical Journal, 2015, 800, 39.	1.6	172
107	Diverse structural evolution at $z \gtrsim 1$ in cosmologically simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4290-4310.	1.6	54
108	Deconstructing the galaxy stellar mass function with UKIDSS and CANDELS: the impact of colour, structure and environment. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2-24.	1.6	95



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109	Two conditions for galaxy quenching: compact centres and massive haloes. Monthly Notices of the Royal Astronomical Society, 2015, 448, 237-251.	1.6	114
110	ZFOURGE/CANDELS: ON THE EVOLUTION OF $M_*$ GALAXY PROGENITORS FROM $z = 3$ TO 0.5. Astrophysical Journal, 2015, 803, 26.	1.6	104
111	Evidence for mature bulges and an inside-out quenching phase 3 billion years after the Big Bang. Science, 2015, 348, 314-317.	6.0	219
112	Early formation of massive, compact, spheroidal galaxies with classical profiles by violent disc instability or mergers. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3291-3310.	1.6	81
113	The host galaxies of X-ray selected active galactic nuclei to $z = 2.5$ : Structure, star formation, and their relationships from CANDELS and Herschel/PACS. Astronomy and Astrophysics, 2015, 573, A85.	2.1	58
114	THE DISTRIBUTION OF SATELLITES AROUND MASSIVE GALAXIES AT $1 < z < 3$ IN ZFOURGE/CANDELS: DEPENDENCE ON STAR FORMATION ACTIVITY. Astrophysical Journal, 2014, 792, 103.	1.6	24
115	The decomposed bulge and disc size-mass relations of massive galaxies at $1 < z < 3$ in CANDELS. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1660-1673.	1.6	42
116	Radiative feedback and the low efficiency of galaxy formation in low-mass haloes at high redshift. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1545-1559.	1.6	165
117	Star formation and clumps in cosmological galaxy simulations with radiation pressure feedback. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1389-1399.	1.6	51
118	Wet disc contraction to galactic blue nuggets and quenching to red nuggets. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1870-1879.	1.6	353
119	An analytic solution for the minimal bathtub toy model: challenges in the star formation history of high- $z$ galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2071-2084.	1.6	123
120	On the origin of the fundamental metallicity relation and the scatter in galaxy scaling relations. Monthly Notices of the Royal Astronomical Society, 2014, 443, 168-185.	1.6	77
121	The mass evolution of the first galaxies: stellar mass functions and star formation rates at $4 < z < 7$ in the CANDELS GOODS-South field. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2960-2984.	1.6	236
122	THE LONG LIVES OF GIANT CLUMPS AND THE BIRTH OF OUTFLOWS IN GAS-RICH GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 57.	1.6	161
123	3D-HST+CANDELS: THE EVOLUTION OF THE GALAXY SIZE-MASS DISTRIBUTION SINCE $z = 3$ . Astrophysical Journal, 2014, 788, 28.	1.6	944
124	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	3.0	185
125	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 1.	1.6	103
126	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. Astrophysical Journal, 2014, 785, 111.	1.6	38



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127	The bulge+disc decomposed evolution of massive galaxies at $1 < z < 3$ in CANDELS. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1001-1033.	1.6	60
128	Morphologies of $z \sim 0.7$ AGN host galaxies in CANDELS: no trend of merger incidence with AGN luminosity. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3342-3356.	1.6	132
129	The population of giant clumps in simulated high- $z$ galaxies: in situ and ex situ migration and survival. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3675-3702.	1.6	114
130	BULGE GROWTH AND QUENCHING SINCE $z = 2.5$ IN CANDELS/3D-HST. Astrophysical Journal, 2014, 788, 11.	1.6	244
131	OBSERVATIONS OF ENVIRONMENTAL QUENCHING IN GROUPS IN THE 11 GYR SINCE $z = 2.5$ : DIFFERENT QUENCHING FOR CENTRAL AND SATELLITE GALAXIES. Astrophysical Journal, 2014, 789, 164.	1.6	74
132	GEOMETRY OF STAR-FORMING GALAXIES FROM SDSS, 3D-HST, AND CANDELS. Astrophysical Journal Letters, 2014, 792, L6.	3.0	125
133	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES AT $z \sim 2$ : HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal, 2014, 795, 145.	1.6	70
134	CANDELS+3D-HST: COMPACT SFGs AT $z \sim 2-3$ , THE PROGENITORS OF THE FIRST QUIESCENT GALAXIES. Astrophysical Journal, 2014, 791, 52.	1.6	142
135	NO MORE ACTIVE GALACTIC NUCLEI IN CLUMPY DISKS THAN IN SMOOTH GALAXIES AT $z \sim 2$ IN CANDELS/3D-HST. Astrophysical Journal, 2014, 793, 101.	1.6	18
136	CONFRONTING SIMULATIONS OF OPTICALLY THICK GAS IN MASSIVE HALOS WITH OBSERVATIONS AT $z = 2-3$ . Astrophysical Journal, 2014, 780, 74.	1.6	64
137	Balance among gravitational instability, star formation and accretion determines the structure and evolution of disc galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1552-1576.	1.6	112
138	STRUCTURAL EVOLUTION OF EARLY-TYPE GALAXIES TO $z = 2.5$ IN CANDELS. Astrophysical Journal, 2013, 773, 149.	1.6	72
139	A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51. Nature, 2013, 502, 524-527.	13.7	223
140	A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1836-1851.	1.6	159
141	The ATLAS3D project XXII. Low-efficiency star formation in early-type galaxies: hydrodynamic models and observations. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1914-1927.	1.6	94
142	Toy models for galaxy formation versus simulations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 999-1019.	1.6	216
143	The redshift and mass dependence on the formation of the Hubble sequence at $z > 1$ from CANDELS/UDS. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1185-1201.	1.6	121
144	The insignificance of major mergers in driving star formation at $z \sim 2$ . Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L40-L44.	1.2	59

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145	Steady outflows in giant clumps of high-z disc galaxies during migration and growth by accretion. Monthly Notices of the Royal Astronomical Society, 2013, 432, 455-467.	1.6	89
146	The star-forming progenitors of massive red galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 430, 686-698.	1.6	11
147	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY AT $z < 1$ . Astrophysical Journal, 2013, 774, 47.	1.6	64
148	Newborn spheroids at high redshift: when and how did the dominant, old stars in today's massive galaxies form?. Monthly Notices of the Royal Astronomical Society, 2013, 428, 925-934.	1.6	42
149	CANDELS OBSERVATIONS OF THE ENVIRONMENTAL DEPENDENCE OF THE COLOR-MASS-MORPHOLOGY RELATION AT $z < 1$ . Astrophysical Journal, 2013, 770, 58.	1.6	59
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