

Avishai Dekel

List of Publications by Year in descending order

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Version: 2024-02-01

244
papers

32,814
citations

2975

93
h-index

4117

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.	4.4	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.	4.4	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.	4.4	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.	4.5	12
5	Compaction-driven black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 172-190.	4.4	18
6	Implications of Increased Central Mass Surface Densities for the Quenching of Low-mass Galaxies. <i>Astrophysical Journal</i> , 2021, 914, 7.	4.5	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.	4.5	12
8	Core formation in high- z massive haloes: heating by post-compacton satellites and response to AGN outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 999-1019.	4.4	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.	4.4	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.	4.4	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.	4.4	38
12	O α 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.	4.4	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.	4.4	42
14	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. <i>Astrophysical Journal</i> , 2020, 897, 102.	4.5	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.	4.4	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.	4.4	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.	4.4	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.	4.4	25

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19	Ly α ± blobs from cold streams undergoing Kelvinâ€“Helmholtz instabilities. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2415-2427.	4.4	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.	4.4	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.	4.4	11
22	Unveiling Sizes of Compact AGN Hosts with ALMA. Astrophysical Journal, 2020, 888, 44.	4.5	12
23	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. Astrophysical Journal, 2020, 899, 93.	4.5	8
24	Structural Evolution in Massive Galaxies at $z \gtrsim 2$. Astrophysical Journal, 2020, 901, 74.	4.5	52
25	Indirectly Measuring Stellar Velocity Dispersions in High-redshift Disk Galaxies. Research Notes of the AAS, 2020, 4, 203.	0.7	0
26	The global star formation law by supernova feedback. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4753-4778.	4.4	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.	4.4	87
28	Multi-filament gas inflows fuelling young star-forming galaxies. Nature Astronomy, 2019, 3, 822-831.	10.1	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.	4.4	13
30	Kelvinâ€“Helmholtz instability in self-gravitating streams. Monthly Notices of the Royal Astronomical Society, 2019, 490, 181-201.	4.4	17
31	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. Astrophysical Journal Letters, 2019, 884, L52.	8.3	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.	4.4	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.	4.4	25
34	The evolution of galaxy shapes in CANDELS: from prolate to discy. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5170-5191.	4.4	44
35	Distinguishing Mergers and Disks in High-redshift Observations of Galaxy Kinematics. Astrophysical Journal, 2019, 874, 59.	4.5	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	5.1	5
42	Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS. Astrophysical Journal, 2018, 858, 100.	4.5	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.	4.4	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.	4.4	65
45	Quenching of satellite galaxies at the outskirts of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3654-3681.	4.4	59
46	Cold fronts and shocks formed by gas streams in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2018, 476, 56-70.	4.4	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.	4.5	71
48	On the Transition of the Galaxy Quenching Mode at $0.5 \lesssim z \lesssim 1$ in CANDELS. Astrophysical Journal, 2018, 860, 60.	4.5	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.	4.5	100
50	Deep Learning Identifies High- z Galaxies in a Central Blue Nugget Phase in a Characteristic Mass Range. Astrophysical Journal, 2018, 858, 114.	4.5	70
51	Structural and Star-forming Relations since $z \sim 1/3$: Connecting Compact Star-forming and Quiescent Galaxies. Astrophysical Journal, 2017, 840, 47.	4.5	180
52	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. Astrophysical Journal Letters, 2017, 841, L22.	8.3	23
53	Enhanced momentum feedback from clustered supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2471-2488.	4.4	99
54	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT $z \sim 4$. Astrophysical Journal, 2017, 834, 81.	4.5	17

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55	CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at $z \sim 1/4$. Astrophysical Journal, 2017, 846, 112.	4.5	72
56	On the Evolution of the Central Density of Quiescent Galaxies. Astrophysical Journal Letters, 2017, 844, L1.	8.3	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.	4.4	100
58	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4420-4447.	4.4	70
59	NIHAO XI. Formation of ultra-diffuse galaxies by outflows. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L1-L6.	3.3	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.	4.4	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.	4.4	23
62	Spatially Resolved Kinematics in the Central 1 kpc of a Compact Star-forming Galaxy at $z \sim 2.3$ from ALMA CO Observations. Astrophysical Journal Letters, 2017, 851, L40.	8.3	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.	4.4	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.	4.4	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.	4.4	44
66	The new semi-analytic code GalICS 2.0 reproducing the galaxy stellar mass function and the Tully-Fisher relation simultaneously. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1401-1427.	4.4	36
67	Satellite quenching, Galaxy inner density and the halo environment. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1077-1094.	4.4	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.	4.5	106
69	STELLAR MASS-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.	4.5	29
70	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 79.	4.5	99
71	SATELLITE QUENCHING AND GALACTIC CONFORMITY AT $0.3 < z < 2.5$. Astrophysical Journal, 2016, 817, 9.	4.5	50
72	SUB-KILOPARSEC ALMA IMAGING OF COMPACT STAR-FORMING GALAXIES AT $z \sim 2.5$: REVEALING THE FORMATION OF DENSE GALACTIC CORES IN THE PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal Letters, 2016, 827, L32.	8.3	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.	4.4	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.	4.4	46
75	Mass assembly and morphological transformations since $z \approx 3$ from CANDELS. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4495-4516.	4.4	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.	4.4	74
77	EVOLUTION OF INTRINSIC SCATTER IN THE SFR–STELLAR MASS CORRELATION AT $0.5 < z < 3$. Astrophysical Journal Letters, 2016, 820, L1.	8.3	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.	4.4	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.	4.4	66
80	The formation of bulges, discs and two-component galaxies in the CANDELS Survey at $z \approx 3$. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2728-2746.	4.4	33
81	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \approx 3$. Astrophysical Journal, 2016, 826, 214.	4.5	107
82	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	4.5	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.	4.5	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 $L^* < z < 8$ galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 440-464.	4.4	70
86	Velocities of warm galactic outflows from synthetic H α observations of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2731-2743.	4.4	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.	4.4	191
88	Suppression of star formation in dwarf galaxies by photoelectric grain heating feedback. Nature, 2016, 535, 523-525.	27.8	53
89	Evolution of galaxy shapes from prolate to oblate through compaction events. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4477-4497.	4.4	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.	4.4	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.	4.4	239
92	INFRARED COLOR SELECTION OF MASSIVE GALAXIES AT $z \gtrsim 3$. Astrophysical Journal, 2016, 816, 84.	4.5	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.	4.4	45
95	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2015, 814, 95.	4.5	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.	4.4	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.	4.4	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.	4.4	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.	5.1	215
101	Distribution of streaming rates into high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 637-648.	4.4	23
102	THE ROLE OF BULGE FORMATION IN THE HOMOGENIZATION OF STELLAR POPULATIONS AT $z \sim 2$ AS REVEALED BY INTERNAL COLOR DISPERSION IN CANDELS. Astrophysical Journal, 2015, 803, 104.	4.5	8
103	Quenching and morphological transformation in semi-analytic models and CANDELS. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2933-2956.	4.4	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.	4.5	253
105	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES AT $z \sim 2$. Astrophysical Journal, 2015, 800, 21.	4.5	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.	4.5	172
107	Diverse structural evolution at $z \gtrsim 1$ in cosmologically simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4290-4310.	4.4	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.	4.4	95

#	ARTICLE	IF	CITATIONS
109	Two conditions for galaxy quenching: compact centres and massive haloes. Monthly Notices of the Royal Astronomical Society, 2015, 448, 237-251.	4.4	114
110	ZFOURGE/CANDELS: ON THE EVOLUTION OF M_* GALAXY PROGENITORS FROM $z = 3$ TO 0.5. Astrophysical Journal, 2015, 803, 26.	4.5	104
111	Evidence for mature bulges and an inside-out quenching phase 3 billion years after the Big Bang. Science, 2015, 348, 314-317.	12.6	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.	4.4	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.	5.1	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.	4.5	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	4.4	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.	4.5	161
123	3D-HST+CANDELS: THE EVOLUTION OF THE GALAXY SIZE-MASS DISTRIBUTION SINCE $z = 3$. Astrophysical Journal, 2014, 788, 28.	4.5	944
124	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	7.7	185
125	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 1.	4.5	103
126	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. Astrophysical Journal, 2014, 785, 111.	4.5	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.	4.4	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.	4.4	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.	4.4	114
130	BULGE GROWTH AND QUENCHING SINCE $z = 2.5$ IN CANDELS/3D-HST. Astrophysical Journal, 2014, 788, 11.	4.5	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.	4.5	74
132	GEOMETRY OF STAR-FORMING GALAXIES FROM SDSS, 3D-HST, AND CANDELS. Astrophysical Journal Letters, 2014, 792, L6.	8.3	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.	4.5	70
134	CANDELS+3D-HST: COMPACT SFGs AT $z \sim 2-3$, THE PROGENITORS OF THE FIRST QUIESCENT GALAXIES. Astrophysical Journal, 2014, 791, 52.	4.5	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.	4.5	18
136	CONFRONTING SIMULATIONS OF OPTICALLY THICK GAS IN MASSIVE HALOS WITH OBSERVATIONS AT $z = 2-3$. Astrophysical Journal, 2014, 780, 74.	4.5	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.	4.4	112
138	STRUCTURAL EVOLUTION OF EARLY-TYPE GALAXIES TO $z = 2.5$ IN CANDELS. Astrophysical Journal, 2013, 773, 149.	4.5	72
139	A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51. Nature, 2013, 502, 524-527.	27.8	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.	4.4	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.	4.4	94
142	Toy models for galaxy formation versus simulations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 999-1019.	4.4	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.	4.4	121
144	The insignificance of major mergers in driving star formation at $z > 2$. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L40-L44.	3.3	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.	4.4	89
146	The star-forming progenitors of massive red galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 430, 686-698.	4.4	11
147	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY AT $z \sim 2$. Astrophysical Journal, 2013, 774, 47.	4.5	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.	4.4	42
149	CANDELS OBSERVATIONS OF THE ENVIRONMENTAL DEPENDENCE OF THE COLOR-MASS-MORPHOLOGY RELATION AT $z = 1.6$. Astrophysical Journal, 2013, 770, 58.	4.5	59
150	A LINK BETWEEN STAR FORMATION QUENCHING AND INNER STELLAR MASS DENSITY IN SLOAN DIGITAL SKY SURVEY CENTRAL GALAXIES. Astrophysical Journal, 2013, 776, 63.	4.5	238
151	Dependence of galaxy quenching on halo mass and distance from its centre. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3306-3326.	4.4	169
152	CANDELS: THE PROGENITORS OF COMPACT QUIESCENT GALAXIES AT $z \sim 2$. Astrophysical Journal, 2013, 765, 104.	4.5	367
153	The properties of (sub-)millimetre-selected galaxies as revealed by CANDELS HST WFC3/IR imaging in GOODS-South. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2012-2042.	4.4	52
154	X-RAY SELECTED AGN HOST GALAXIES ARE SIMILAR TO INACTIVE GALAXIES OUT TO $z = 3$: RESULTS FROM CANDELS/CDF-S. Astrophysical Journal, 2013, 763, 59.	4.5	48
155	On combining galaxy clustering and weak lensing to unveil galaxy biasing via the halo model. Monthly Notices of the Royal Astronomical Society, 2012, 426, 566-587.	4.4	48
156	The morphologies of massive galaxies at $1 < z < 3$ in the CANDELS-UDS field: compact bulges, and the rise and fall of massive discs. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1666-1701.	4.4	136
157	A UNIVERSAL, LOCAL STAR FORMATION LAW IN GALACTIC CLOUDS, NEARBY GALAXIES, HIGH-REDSHIFT DISKS, AND STARBURSTS. Astrophysical Journal, 2012, 745, 69.	4.5	417
158	GOODS-HERSCHEL AND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES AT $z \sim 2$. Astrophysical Journal, 2012, 757, 23.	4.5	157
159	CANDELS: CORRELATIONS OF SPECTRAL ENERGY DISTRIBUTIONS AND MORPHOLOGIES WITH STAR FORMATION STATUS FOR MASSIVE GALAXIES AT $z \sim 2$. Astrophysical Journal, 2012, 752, 134.	4.5	39
160	METALLICITY-DEPENDENT QUENCHING OF STAR FORMATION AT HIGH REDSHIFT IN SMALL GALAXIES. Astrophysical Journal, 2012, 753, 16.	4.5	152
161	CANDELS: CONSTRAINING THE AGN-MERGER CONNECTION WITH HOST MORPHOLOGIES AT $z \sim 2$. Astrophysical Journal, 2012, 744, 148.	4.5	330
162	BARYONS MATTER: WHY LUMINOUS SATELLITE GALAXIES HAVE REDUCED CENTRAL MASSES. Astrophysical Journal, 2012, 761, 71.	4.5	278

#	ARTICLE	IF	CITATIONS
163	LUMINOUS AND HIGH STELLAR MASS CANDIDATE GALAXIES AT $z \approx 8$ DISCOVERED IN THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 177.	4.5	38
164	SMOOTH(ER) STELLAR MASS MAPS IN CANDELS: CONSTRAINTS ON THE LONGEVITY OF CLUMPS IN HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 753, 114.	4.5	271
165	CANDELS OBSERVATIONS OF THE STRUCTURAL PROPERTIES OF CLUSTER GALAXIES AT $z = 1.62$. <i>Astrophysical Journal</i> , 2012, 750, 93.	4.5	130
166	THE DEPENDENCE OF QUENCHING UPON THE INNER STRUCTURE OF GALAXIES AT $0.5 < z < 0.8$ IN THE DEEP2/AEGIS SURVEY. <i>Astrophysical Journal</i> , 2012, 760, 131.	4.5	201
167	AN OBSERVED LINK BETWEEN ACTIVE GALACTIC NUCLEI AND VIOLENT DISK INSTABILITIES IN HIGH-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2012, 757, 81.	4.5	73
168	WHAT TURNS GALAXIES OFF? THE DIFFERENT MORPHOLOGIES OF STAR-FORMING AND QUIESCENT GALAXIES SINCE $z \approx 2$ FROM CANDELS. <i>Astrophysical Journal</i> , 2012, 753, 167.	4.5	251
169	A DIVERSITY OF PROGENITORS AND HISTORIES FOR ISOLATED SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2012, 756, 26.	4.5	114
170	Rotational support of giant clumps in high- z disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 3490-3520.	4.4	128
171	Evolution of violent gravitational disc instability in galaxies: late stabilization by transition from gas to stellar dominance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, , no-no.	4.4	51
172	Coplanar streams, pancakes and angular-momentum exchange in high- z disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1732-1749.	4.4	108
173	On galaxies and homology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 635-648.	4.4	7
174	Detectability of cold streams into high-redshift galaxies by absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2292-2315.	4.4	43
175	On the effect of cosmological inflow on turbulence and instability in galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 788-800.	4.4	50
176	COMMISSION 28: GALAXIES. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 255-259.	0.0	3
177	THE SINS SURVEY OF $z \approx 2$ GALAXY KINEMATICS: PROPERTIES OF THE GIANT STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2011, 733, 101.	4.5	511
178	BLACK HOLE GROWTH AND ACTIVE GALACTIC NUCLEI OBSCURATION BY INSTABILITY-DRIVEN INFLOWS IN HIGH-REDSHIFT DISK GALAXIES FED BY COLD STREAMS. <i>Astrophysical Journal Letters</i> , 2011, 741, L33.	8.3	199
179	Gravitational quenching by clumpy accretion in cool-core clusters: convective dynamical response to overheating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2566-2579.	4.4	25
180	The role of dissipation in the scaling relations of cosmological merger remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3135-3152.	4.4	33

#	ARTICLE	IF	CITATIONS
181	Dark halo response and the stellar initial mass function in early-type and late-type galaxies. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	63
182	On the puzzling plateau in the specific star formation rate at $z=2-7$. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2737-2751.	4.4	95
183	Absorption-line systems in simulated galaxies fed by cold streams. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1796-1821.	4.4	257
184	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY—THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	7.7	1,549
185	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	7.7	1,590
186	High-redshift clumpy discs and bulges in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	223
187	Survival of star-forming giant clumps in high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 406, 112-120.	4.4	86
188	Gravity-driven $L_{\text{Ly}\alpha}$ blobs from cold streams into galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 407, 613-631.	4.4	145
189	On the origin of the galaxy star-formation-rate sequence: evolution and scatter. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	91
190	THE IMPACT OF COLD GAS ACCRETION ABOVE A MASS FLOOR ON GALAXY SCALING RELATIONS. Astrophysical Journal, 2010, 718, 1001-1018.	4.5	483
191	MORPHOLOGICAL QUENCHING OF STAR FORMATION: MAKING EARLY-TYPE GALAXIES RED. Astrophysical Journal, 2009, 707, 250-267.	4.5	590
192	FORMATION OF MASSIVE GALAXIES AT HIGH REDSHIFT: COLD STREAMS, CLUMPY DISKS, AND COMPACT SPHEROIDS. Astrophysical Journal, 2009, 703, 785-801.	4.5	774
193	Tidal effects and the environment dependence of halo assembly. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1742-1756.	4.4	124
194	Cold streams in early massive hot haloes as the main mode of galaxy formation. Nature, 2009, 457, 451-454.	27.8	1,333
195	The role of black holes in galaxy formation and evolution. Nature, 2009, 460, 213-219.	27.8	295
196	The effect of galaxy mass ratio on merger-driven starbursts. Monthly Notices of the Royal Astronomical Society, 2008, 384, 386-409.	4.4	388
197	Predicting the properties of the remnants of dissipative galaxy mergers. Monthly Notices of the Royal Astronomical Society, 2008, 384, 94-106.	4.4	35
198	Merger rates of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1792-1802.	4.4	107

#	ARTICLE	IF	CITATIONS
199	Downsizing by shutdown in red galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 389, 567-584.	4.4	105
200	Scaling relations and the fundamental line of the local group dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2008, , .	4.4	84
201	COMMISSION 28: GALAXIES. Proceedings of the International Astronomical Union, 2008, 4, 286-294.	0.0	0
202	A Revised Model for the Formation of Disk Galaxies: Low Spin and Dark Halo Expansion. Astrophysical Journal, 2007, 654, 27-52.	4.5	231
203	Star Formation in AEGIS Field Galaxies since $z \approx 1.1$: Staged Galaxy Formation and a Model of Mass-dependent Gas Exhaustion. Astrophysical Journal, 2007, 660, L47-L50.	4.5	374
204	Scaling Relations of Spiral Galaxies. Astrophysical Journal, 2007, 671, 203-225.	4.5	197
205	Properties of dark matter haloes in clusters, filaments, sheets and voids. Monthly Notices of the Royal Astronomical Society, 2007, 375, 489-499.	4.4	387
206	The evolution of dark matter halo properties in clusters, filaments, sheets and voids. Monthly Notices of the Royal Astronomical Society, 2007, 381, 41-51.	4.4	235
207	Shapes of Stellar Systems and Dark Halos from Simulations of Galaxy Major Mergers. Astrophysical Journal, 2006, 646, L9-L12.	4.5	24
208	On the Correlations of Massive Black Holes with Their Host Galaxies. Astrophysical Journal, 2006, 637, 96-103.	4.5	111
209	Galaxy bimodality due to cold flows and shock heating. Monthly Notices of the Royal Astronomical Society, 2006, 368, 2-20.	4.4	1,340
210	The dissipative merger progenitors of elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1445-1453.	4.4	54
211	Natural downsizing in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 372, 933-948.	4.4	224
212	Lost and found dark matter in elliptical galaxies. Nature, 2005, 437, 707-710.	27.8	152
213	Do the Low PN Velocity Dispersions Around Elliptical Galaxies Imply That These Lack Dark Matter?. AIP Conference Proceedings, 2005, , .	0.4	1
214	Characteristic Scale and Bimodality in Galaxies: Cold Streams, Shock Heating, Feedback and Clustering. AIP Conference Proceedings, 2004, , .	0.4	0
215	Phase-space structure of dark matter haloes: scale-invariant probability density function driven by substructure. Monthly Notices of the Royal Astronomical Society, 2004, 353, 15-29.	4.4	33
216	Massive black hole seeds from low angular momentum material. Monthly Notices of the Royal Astronomical Society, 2004, 354, 292-304.	4.4	246

#	ARTICLE	IF	CITATIONS
217	Galactic halo cusp-core: tidal compression in mergers. Monthly Notices of the Royal Astronomical Society, 2003, 341, 326-342.	4.4	99
218	Feedback and the fundamental line of low-luminosity low-surface-brightness/dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 344, 1131-1144.	4.4	227
219	Virial shocks in galactic haloes?. Monthly Notices of the Royal Astronomical Society, 2003, 345, 349-364.	4.4	883
220	Dark Halo Cusp: Asymptotic Convergence. Astrophysical Journal, 2003, 588, 680-695.	4.5	42
221	Concentrations of Dark Halos from Their Assembly Histories. Astrophysical Journal, 2002, 568, 52-70.	4.5	953
222	Modelling angular momentum history in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2002, 329, 423-430.	4.4	102
223	Testing tidal-torque theory - I. Spin amplitude and direction. Monthly Notices of the Royal Astronomical Society, 2002, 332, 325-338.	4.4	183
224	Testing tidal-torque theory - II. Alignment of inertia and shear and the characteristics of protohaloes. Monthly Notices of the Royal Astronomical Society, 2002, 332, 339-351.	4.4	127
225	Towards a resolution of the galactic spin crisis: mergers, feedback and spin segregation. Monthly Notices of the Royal Astronomical Society, 2002, 335, 487-498.	4.4	103
226	Non-linear stochastic galaxy biasing in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2001, 320, 289-306.	4.4	133
227	Evaluating approximations for halo merging histories. Monthly Notices of the Royal Astronomical Society, 2000, 316, 479-490.	4.4	65
228	Cosmological implications of Lyman-break galaxy clustering. , 1999, , .		0
229	Evidence for a positive cosmological constant from flows of galaxies and distant supernovae. Nature, 1999, 401, 252-254.	27.8	63
230	Homogeneous Velocity-Distance Data for Peculiar Velocity Analysis. III. The Mark III Catalog of Galaxy Peculiar Velocities. Astrophysical Journal, Supplement Series, 1997, 109, 333-366.	7.7	287
231	Homogeneous Velocity-Distance Data for Peculiar Velocity Analysis. II. Calibration of Field Samples. Astrophysical Journal, 1996, 457, 460.	4.5	84
232	THE COSMOLOGICAL Ω FROM PECULIAR VELOCITIES. Annals of the New York Academy of Sciences, 1993, 688, 558-564.	3.8	0
233	Effect of the Great Attractor on the cosmic microwave background radiation. Nature, 1990, 345, 507-508.	27.8	15
234	Giant Arcs - Spherical Shells?. Symposium - International Astronomical Union, 1988, 130, 598-598.	0.1	0

#	ARTICLE	IF	CITATIONS
235	Towards Understanding the Large-Scale Structure?. Symposium - International Astronomical Union, 1987, 124, 415-432.	0.1	0
236	Physical mechanisms for biased galaxy formation. Nature, 1987, 326, 455-462.	27.8	138
237	Is the Universe dominated by relativistic particles?. Nature, 1986, 323, 781-784.	27.8	21
238	Tidal effects on the mass profile of galactic haloes. Nature, 1980, 286, 135-136.	27.8	1
239	Modelling the galaxy bimodality: shutdown above a critical halo mass. Monthly Notices of the Royal Astronomical Society, 0, 370, 1651-1665.	4.4	361
240	Bursting and quenching in massive galaxies without major mergers or AGNs. Monthly Notices of the Royal Astronomical Society, 0, 380, 339-352.	4.4	174
241	Gravitational quenching in massive galaxies and clusters by clumpy accretion. Monthly Notices of the Royal Astronomical Society, 0, 383, 119-138.	4.4	158
242	Constructing merger trees that mimic N-body simulations. Monthly Notices of the Royal Astronomical Society, 0, 383, 615-626.	4.4	101
243	Universal merger histories of dark-matter haloes. Monthly Notices of the Royal Astronomical Society, 0, 403, 984-995.	4.4	17
244	MUSE searches for galaxies near very metal-poor gas clouds at $z \approx 3$: new constraints for cold accretion models. , 0, .		1