

Avishai Dekel

List of Publications by Year in descending order

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244
papers

32,814
citations

2975

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#	ARTICLE	IF	CITATIONS
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€”THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	7.7	1,549
3	Galaxy bimodality due to cold flows and shock heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 2-20.	4.4	1,340
4	Cold streams in early massive hot haloes as the main mode of galaxy formation. <i>Nature</i> , 2009, 457, 451-454.	27.8	1,333
5	Concentrations of Dark Halos from Their Assembly Histories. <i>Astrophysical Journal</i> , 2002, 568, 52-70.	4.5	953
6	3D-HST+CANDELS: THE EVOLUTION OF THE GALAXY SIZE-MASS DISTRIBUTION SINCE<i>z</i>= 3. <i>Astrophysical Journal</i> , 2014, 788, 28.	4.5	944
7	Virial shocks in galactic haloes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 345, 349-364.	4.4	883
8	FORMATION OF MASSIVE GALAXIES AT HIGH REDSHIFT: COLD STREAMS, CLUMPY DISKS, AND COMPACT SPHEROIDS. <i>Astrophysical Journal</i> , 2009, 703, 785-801.	4.5	774
9	MORPHOLOGICAL QUIENCHING OF STAR FORMATION: MAKING EARLY-TYPE GALAXIES RED. <i>Astrophysical Journal</i> , 2009, 707, 250-267.	4.5	590
10	THE SINS SURVEY OF<i>z</i>âˆ¼ 2 GALAXY KINEMATICS: PROPERTIES OF THE GIANT STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2011, 733, 101.	4.5	511
11	THE IMPACT OF COLD GAS ACCRETION ABOVE A MASS FLOOR ON GALAXY SCALING RELATIONS. <i>Astrophysical Journal</i> , 2010, 718, 1001-1018.	4.5	483
12	A UNIVERSAL, LOCAL STAR FORMATION LAW IN GALACTIC CLOUDS, NEARBY GALAXIES, HIGH-REDSHIFT DISKS, AND STARBURSTS. <i>Astrophysical Journal</i> , 2012, 745, 69.	4.5	417
13	Compaction and quenching of high- <i>z</i> galaxies in cosmological simulations: blue and red nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2327-2353.	4.4	392
14	The effect of galaxy mass ratio on merger-driven starbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 386-409.	4.4	388
15	Properties of dark matter haloes in clusters, filaments, sheets and voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 489-499.	4.4	387
16	Star Formation in AEGIS Field Galaxies since <i>z</i> = 1.1: Staged Galaxy Formation and a Model of Mass-dependent Gas Exhaustion. <i>Astrophysical Journal</i> , 2007, 660, L47-L50.	4.5	374
17	CANDELS: THE PROGENITORS OF COMPACT QUIESCENT GALAXIES AT<i>z</i>âˆ¼ 2. <i>Astrophysical Journal</i> , 2013, 765, 104.	4.5	367
18	Modelling the galaxy bimodality: shutdown above a critical halo mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 370, 1651-1665.	4.4	361

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19	Wet disc contraction to galactic blue nuggets and quenching to red nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1870-1879.	4.4	353
20	CANDELS: CONSTRAINING THE AGN-MERGER CONNECTION WITH HOST MORPHOLOGIES AT $z \sim 2$. <i>Astrophysical Journal</i> , 2012, 744, 148.	4.5	330
21	The role of black holes in galaxy formation and evolution. <i>Nature</i> , 2009, 460, 213-219.	27.8	295
22	Homogeneous Velocity-Distance Data for Peculiar Velocity Analysis. III. The Mark III Catalog of Galaxy Peculiar Velocities. <i>Astrophysical Journal, Supplement Series</i> , 1997, 109, 333-366.	7.7	287
23	BARYONS MATTER: WHY LUMINOUS SATELLITE GALAXIES HAVE REDUCED CENTRAL MASSES. <i>Astrophysical Journal</i> , 2012, 761, 71.	4.5	278
24	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
25	Absorption-line systems in simulated galaxies fed by cold streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1796-1821.	4.4	257
26	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , 2015, 799, 183.	4.5	253
27	WHAT TURNS GALAXIES OFF? THE DIFFERENT MORPHOLOGIES OF STAR-FORMING AND QUIESCENT GALAXIES SINCE $z \sim 2$ FROM CANDELS. <i>Astrophysical Journal</i> , 2012, 753, 167.	4.5	251
28	Massive black hole seeds from low angular momentum material. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 292-304.	4.4	246
29	BULGE GROWTH AND QUENCHING SINCE $z = 2.5$ IN CANDELS/3D-HST. <i>Astrophysical Journal</i> , 2014, 788, 11.	4.5	244
30	The confinement of star-forming galaxies into a main sequence through episodes of gas compaction, depletion and replenishment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2790-2813.	4.4	239
31	A LINK BETWEEN STAR FORMATION QUENCHING AND INNER STELLAR MASS DENSITY IN SLOAN DIGITAL SKY SURVEY CENTRAL GALAXIES. <i>Astrophysical Journal</i> , 2013, 776, 63.	4.5	238
32	The mass evolution of the first galaxies: stellar mass functions and star formation rates at $4 < z < 7$ in the CANDELS GOODS-South field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2960-2984.	4.4	236
33	The evolution of dark matter halo properties in clusters, filaments, sheets and voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 41-51.	4.4	235
34	A Revised Model for the Formation of Disk Galaxies: Low Spin and Dark Halo Expansion. <i>Astrophysical Journal</i> , 2007, 654, 27-52.	4.5	231
35	Feedback and the fundamental line of low-luminosity low-surface-brightness/dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 1131-1144.	4.4	227
36	Natural downsizing in hierarchical galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 933-948.	4.4	224

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37	High-redshift clumpy discs and bulges in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	223
38	A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51. Nature, 2013, 502, 524-527.	27.8	223
39	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
40	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
41	Toy models for galaxy formation versus simulations. Monthly Notices of the Royal Astronomical Society, 2013, 435, 999-1019.	4.4	216
42	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
43	THE DEPENDENCE OF QUENCHING UPON THE INNER STRUCTURE OF GALAXIES AT $0.5 < z < 0.8$ IN THE DEEP2/AEGIS SURVEY. Astrophysical Journal, 2012, 760, 131.	4.5	201
44	BLACK HOLE GROWTH AND ACTIVE GALACTIC NUCLEI OBSCURATION BY INSTABILITY-DRIVEN INFLOWS IN HIGH-REDSHIFT DISK GALAXIES FED BY COLD STREAMS. Astrophysical Journal Letters, 2011, 741, L33.	8.3	199
45	Scaling Relations of Spiral Galaxies. Astrophysical Journal, 2007, 671, 203-225.	4.5	197
46	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
47	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	7.7	185
48	NIHAO “ XI. Formation of ultra-diffuse galaxies by outflows. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L1-L6.	3.3	185
49	Testing tidal-torque theory - I. Spin amplitude and direction. Monthly Notices of the Royal Astronomical Society, 2002, 332, 325-338.	4.4	183
50	Structural and Star-forming Relations since $z \sim 1/4$: Connecting Compact Star-forming and Quiescent Galaxies. Astrophysical Journal, 2017, 840, 47.	4.5	180
51	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
52	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
53	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
54	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

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55	THE LONG LIVES OF GIANT CLUMPS AND THE BIRTH OF OUTFLOWS IN GAS-RICH GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2014, 780, 57.	4.5	161
56	A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1836-1851.	4.4	159
57	Gravitational quenching in massive galaxies and clusters by clumpy accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 119-138.	4.4	158
58	GOODS- <i>HERSCHEL</i> AND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES AT $z \approx 2$. <i>Astrophysical Journal</i> , 2012, 757, 23.	4.5	157
59	Lost and found dark matter in elliptical galaxies. <i>Nature</i> , 2005, 437, 707-710.	27.8	152
60	METALLICITY-DEPENDENT QUENCHING OF STAR FORMATION AT HIGH REDSHIFT IN SMALL GALAXIES. <i>Astrophysical Journal</i> , 2012, 753, 16.	4.5	152
61	Gravity-driven Ly α blobs from cold streams into galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 613-631.	4.4	145
62	CANDELS+3D-HST: COMPACT SFGs AT $z \approx 2-3$, THE PROGENITORS OF THE FIRST QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2014, 791, 52.	4.5	142
63	Physical mechanisms for biased galaxy formation. <i>Nature</i> , 1987, 326, 455-462.	27.8	138
64	The morphologies of massive galaxies at $z \approx 3$ in the CANDELS-UDS field: compact bulges, and the rise and fall of massive discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1666-1701.	4.4	136
65	Non-linear stochastic galaxy biasing in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 289-306.	4.4	133
66	Morphologies of $z \approx 0.7$ AGN host galaxies in CANDELS: no trend of merger incidence with AGN luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3342-3356.	4.4	132
67	CANDELS OBSERVATIONS OF THE STRUCTURAL PROPERTIES OF CLUSTER GALAXIES AT $z = 1.62$. <i>Astrophysical Journal</i> , 2012, 750, 93.	4.5	130
68	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
69	Testing tidal-torque theory - II. Alignment of inertia and shear and the characteristics of protohaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 339-351.	4.4	127
70	GEOMETRY OF STAR-FORMING GALAXIES FROM SDSS, 3D-HST, AND CANDELS. <i>Astrophysical Journal Letters</i> , 2014, 792, L6.	8.3	125
71	Tidal effects and the environment dependence of halo assembly. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1742-1756.	4.4	124
72	An analytic solution for the minimal bathtub toy model: challenges in the star formation history of high- z galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2071-2084.	4.4	123

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73	The redshift and mass dependence on the formation of the Hubble sequence at $z \gtrsim 1$ from CANDELS/UDS. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1185-1201.	4.4	121
74	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
75	A DIVERSITY OF PROGENITORS AND HISTORIES FOR ISOLATED SPIRAL GALAXIES. Astrophysical Journal, 2012, 756, 26.	4.5	114
76	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
77	Two conditions for galaxy quenching: compact centres and massive haloes. Monthly Notices of the Royal Astronomical Society, 2015, 448, 237-251.	4.4	114
78	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
79	On the Correlations of Massive Black Holes with Their Host Galaxies. Astrophysical Journal, 2006, 637, 96-103.	4.5	111
80	Coplanar streams, pancakes and angular-momentum exchange in high- z disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1732-1749.	4.4	108
81	Merger rates of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1792-1802.	4.4	107
82	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \sim 3$. Astrophysical Journal, 2016, 826, 214.	4.5	107
83	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
84	Downsizing by shutdown in red galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 389, 567-584.	4.4	105
85	ZFOURGE/CANDELS: ON THE EVOLUTION OF M_{\star} GALAXY PROGENITORS FROM $z = 3$ TO 0.5. Astrophysical Journal, 2015, 803, 26.	4.5	104
86	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
87	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 1.	4.5	103
88	Modelling angular momentum history in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2002, 329, 423-430.	4.4	102
89	Constructing merger trees that mimic N-body simulations. Monthly Notices of the Royal Astronomical Society, 0, 383, 615-626.	4.4	101
90	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

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91	Dust Attenuation, Bulge Formation, and Inside-out Quenching of Star Formation in Star-forming Main Sequence Galaxies at $z \sim 2^*$. <i>Astrophysical Journal</i> , 2018, 859, 56.	4.5	100
92	Galactic halo cusp-core: tidal compression in mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 326-342.	4.4	99
93	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2016, 832, 79.	4.5	99
94	Enhanced momentum feedback from clustered supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2471-2488.	4.4	99
95	On the puzzling plateau in the specific star formation rate at $z = 2-7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2737-2751.	4.4	95
96	Deconstructing the galaxy stellar mass function with UKIDSS and CANDELS: the impact of colour, structure and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2-24.	4.4	95
97	The ATLAS3D project – XXII. Low-efficiency star formation in early-type galaxies: hydrodynamic models and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1914-1927.	4.4	94
98	On the origin of the galaxy star-formation-rate sequence: evolution and scatter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	91
99	Steady outflows in giant clumps of high- z disc galaxies during migration and growth by accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 455-467.	4.4	89
100	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016, 833, 202.	4.5	88
101	Formation of ultra-diffuse galaxies in the field and in galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5272-5290.	4.4	87
102	Survival of star-forming giant clumps in high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 406, 112-120.	4.4	86
103	The relationship between galaxy and dark matter halo size from $z \sim 3$ to the present. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2714-2736.	4.4	86
104	Scaling relations and the fundamental line of the local group dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	84
105	Homogeneous Velocity-Distance Data for Peculiar Velocity Analysis. II. Calibration of Field Samples. <i>Astrophysical Journal</i> , 1996, 457, 460.	4.5	84
106	Early formation of massive, compact, spheroidal galaxies with classical profiles by violent disc instability or mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3291-3310.	4.4	81
107	Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	4.5	79
108	On the origin of the fundamental metallicity relation and the scatter in galaxy scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 168-185.	4.4	77

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109	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
110	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
111	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
112	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
113	AN OBSERVED LINK BETWEEN ACTIVE GALACTIC NUCLEI AND VIOLENT DISK INSTABILITIES IN HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2012, 757, 81.	4.5	73
114	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
115	STRUCTURAL EVOLUTION OF EARLY-TYPE GALAXIES TO $z = 2.5$ IN CANDELS. Astrophysical Journal, 2013, 773, 149.	4.5	72
116	CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at $z \approx 2$. Astrophysical Journal, 2017, 846, 112.	4.5	72
117	Clumpy Galaxies in CANDELS. II. Physical Properties of UV-bright Clumps at $0.5 < z < 3$. Astrophysical Journal, 2018, 853, 108.	4.5	71
118	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES AT $z \approx 2$: HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal, 2014, 795, 145.	4.5	70
119	Non-parametric analysis of the rest-frame UV sizes and morphological disturbance amongst L^* galaxies at $4 < z < 8$. Monthly Notices of the Royal Astronomical Society, 2016, 457, 440-464.	4.4	70
120	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
121	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
122	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
123	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. Astrophysical Journal, 2020, 897, 102.	4.5	66
124	Evaluating approximations for halo merging histories. Monthly Notices of the Royal Astronomical Society, 2000, 316, 479-490.	4.4	65
125	EVOLUTION OF INTRINSIC SCATTER IN THE SFR-STELLAR MASS CORRELATION AT $0.5 < z < 3$. Astrophysical Journal Letters, 2016, 820, L1.	8.3	65
126	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy-galaxy pairs from $z \approx 3$ to $z \approx 1.4$. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1549-1573.	4.4	65

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127	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY AT $z \sim 1/4$. <i>Astrophysical Journal</i> , 2013, 774, 47.	4.5	64
128	CONFRONTING SIMULATIONS OF OPTICALLY THICK GAS IN MASSIVE HALOS WITH OBSERVATIONS AT $z = 2-3$. <i>Astrophysical Journal</i> , 2014, 780, 74.	4.5	64
129	Evidence for a positive cosmological constant from flows of galaxies and distant supernovae. <i>Nature</i> , 1999, 401, 252-254.	27.8	63
130	Dark halo response and the stellar initial mass function in early-type and late-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	63
131	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2054-2084.	4.4	63
132	Gas inflow and metallicity drops in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2605-2612.	4.4	62
133	The bulge-disc decomposed evolution of massive galaxies at $1 < z < 3$ in CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1001-1033.	4.4	60
134	The insignificance of major mergers in driving star formation at $z \sim 2$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 429, L40-L44.	3.3	59
135	CANDELS OBSERVATIONS OF THE ENVIRONMENTAL DEPENDENCE OF THE COLOR-MASS-MORPHOLOGY RELATION AT $z = 1.6$. <i>Astrophysical Journal</i> , 2013, 770, 58.	4.5	59
136	Quenching and morphological transformation in semi-analytic models and CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2933-2956.	4.4	59
137	Quenching of satellite galaxies at the outskirts of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3654-3681.	4.4	59
138	Linking galaxy structural properties and star formation activity to black hole activity with IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4413-4443.	4.4	59
139	The host galaxies of X-ray selected active galactic nuclei to $z = 2.5$: Structure, star formation, and their relationships from CANDELS and <i>Herschel/PACS</i> . <i>Astronomy and Astrophysics</i> , 2015, 573, A85.	5.1	58
140	INFRARED COLOR SELECTION OF MASSIVE GALAXIES AT $z \gtrsim 3$. <i>Astrophysical Journal</i> , 2016, 816, 84.	4.5	57
141	The dissipative merger progenitors of elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1445-1453.	4.4	54
142	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2015, 814, 95.	4.5	54
143	Diverse structural evolution at $z \gtrsim 1$ in cosmologically simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4290-4310.	4.4	54
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