

Romeel Dave

List of Publications by Year in descending order

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289
papers

29,320
citations

5896

81
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5679

162
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293
all docs

293
docs citations

293
times ranked

7578
citing authors

#	ARTICLE	IF	CITATIONS
1	How do galaxies get their gas?. Monthly Notices of the Royal Astronomical Society, 2005, 363, 2-28.	4.4	1,796
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	7.7	1,590
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€™THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	7.7	1,549
4	Physical Models of Galaxy Formation in a Cosmological Framework. Annual Review of Astronomy and Astrophysics, 2015, 53, 51-113.	24.3	960
5	Baryons in the Warmâ€™Hot Intergalactic Medium. Astrophysical Journal, 2001, 552, 473-483.	4.5	675
6	Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. Astrophysical Journal, 2005, 633, 791-809.	4.5	652
7	Galaxies in a simulated Λ CDM Universe - I. Cold mode and hot cores. Monthly Notices of the Royal Astronomical Society, 2009, 395, 160-179.	4.4	618
8	simba: Cosmological simulations with black hole growth and feedback. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2827-2849.	4.4	576
9	Cosmological simulations of intergalactic medium enrichment from galactic outflows. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1265-1292.	4.4	511
10	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. Astrophysical Journal, 2014, 792, 8.	4.5	464
11	The Large, Oxygen-Rich Halos of Star-Forming Galaxies Are a Major Reservoir of Galactic Metals. Science, 2011, 334, 948-952.	12.6	442
12	Mass, metal, and energy feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2008, 387, 577-600.	4.4	431
13	The Lowâ€™Redshift Ly α Forest in Cold Dark Matter Cosmologies. Astrophysical Journal, 1999, 511, 521-545.	4.5	419
14	Feedback and recycled wind accretion: assembling the $z=0$ galaxy mass function. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2325-2338.	4.4	410
15	The origin of the galaxy massâ€™metallicity relation and implications for galactic outflows. Monthly Notices of the Royal Astronomical Society, 2008, 385, 2181-2204.	4.4	380
16	xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. Astrophysical Journal, Supplement Series, 2017, 233, 22.	7.7	350
17	THEORETICAL EVOLUTION OF OPTICAL STRONG LINES ACROSS COSMIC TIME. Astrophysical Journal, 2013, 774, 100.	4.5	340
18	Galaxy evolution in cosmological simulations with outflows - II. Metallicities and gas fractions. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1354-1376.	4.4	335

#	ARTICLE	IF	CITATIONS
19	THE MOSFIRE DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR ~ 1500 $z \sim 1.37$ -SELECTED GALAXIES AT $1.37 \leq z \leq 3.8$. Astrophysical Journal, Supplement Series, 2015, 218, 15.	7.7	312
20	Inferring the star formation histories of massive quiescent galaxies with bagpipes: evidence for multiple quenching mechanisms. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4379-4401.	4.4	311
21	The Halo Occupation Distribution and the Physics of Galaxy Formation. Astrophysical Journal, 2003, 593, 1-25.	4.5	307
22	Halo Properties in Cosmological Simulations of Self-Interacting Cold Dark Matter. Astrophysical Journal, 2001, 547, 574-589.	4.5	301
23	Galaxy evolution in cosmological simulations with outflows - I. Stellar masses and star formation rates. Monthly Notices of the Royal Astronomical Society, 2011, 415, 11-31.	4.4	297
24	THE COS-HALOS SURVEY: RATIONALE, DESIGN, AND A CENSUS OF CIRCUMGALACTIC NEUTRAL HYDROGEN. Astrophysical Journal, 2013, 777, 59.	4.5	285
25	An analytic model for the evolution of the stellar, gas and metal content of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	279
26	The galaxy stellar mass-star formation rate relation: evidence for an evolving stellar initial mass function?. Monthly Notices of the Royal Astronomical Society, 0, 385, 147-160.	4.4	270
27	xGASS: total cold gas scaling relations and molecular-to-atomic gas ratios of galaxies in the local Universe. Monthly Notices of the Royal Astronomical Society, 2018, 476, 875-895.	4.4	261
28	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 \leq z \leq 6.5$ IN CANDELS. Astrophysical Journal, 2015, 799, 183.	4.5	253
29	mufasa: galaxy formation simulations with meshless hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3265-3284.	4.4	243
30	Cooling Radiation and the $L_{\text{Ly}\alpha}$ Luminosity of Forming Galaxies. Astrophysical Journal, 2001, 562, 605-617.	4.5	237
31	The mass evolution of the first galaxies: stellar mass functions and star formation rates at $4 \leq z \leq 7$ in the CANDELS GOODS-South field. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2960-2984.	4.4	236
32	SEDS: THE SPITZER EXTENDED DEEP SURVEY. SURVEY DESIGN, PHOTOMETRY, AND DEEP IRAC SOURCE COUNTS. Astrophysical Journal, 2013, 769, 80.	4.5	220
33	THE COS-DWARFS SURVEY: THE CARBON RESERVOIR AROUND SUB- L^* GALAXIES. Astrophysical Journal, 2014, 796, 136.	4.5	196
34	Cold gas stripping in satellite galaxies: from pairs to clusters. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1275-1289.	4.4	184
35	Galaxies in a simulated Λ CDM universe - II. Observable properties and constraints on feedback. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2332-2344.	4.4	178
36	The neutral hydrogen content of galaxies in cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2645-2663.	4.4	164

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37	Gravitational torque-driven black hole growth and feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2840-2853.	4.4	162
38	IN-N-OUT: THE GAS CYCLE FROM DWARFS TO SPIRAL GALAXIES. Astrophysical Journal, 2016, 824, 57.	4.5	161
39	GOODS-HERSCHEL AND CANDELS: THE MORPHOLOGIES OF ULTRALUMINOUS INFRARED GALAXIES AT $z \approx 2$. Astrophysical Journal, 2012, 757, 23.	4.5	157
40	Constraints on the Mass of Warm Dark Matter Particles and the Shape of the Linear Power Spectrum from the Ly α Forest. Astrophysical Journal, 2000, 543, L103-L106.	4.5	150
41	SHORT-LIVED STAR-FORMING GIANT CLUMPS IN COSMOLOGICAL SIMULATIONS OF $z \approx 2$ DISKS. Astrophysical Journal, 2012, 745, 11.	4.5	146
42	IMAGING THE MOLECULAR GAS IN A SUBMILLIMETER GALAXY AT $z = 4.05$: COLD MODE ACCRETION OR A MAJOR MERGER?. Astrophysical Journal, 2010, 714, 1407-1417.	4.5	144
43	A CENSUS OF OXYGEN IN STAR-FORMING GALAXIES: AN EMPIRICAL MODEL LINKING METALLICITIES, STAR FORMATION RATES, AND OUTFLOWS. Astrophysical Journal, 2012, 757, 54.	4.5	141
44	HIRAX: a probe of dark energy and radio transients. Proceedings of SPIE, 2016, , .	0.8	134
45	Tracing inflows and outflows with absorption lines in circumgalactic gas. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1260-1281.	4.4	131
46	The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2898-2915.	4.4	131
47	NOT DEAD YET: COOL CIRCUMGALACTIC GAS IN THE HALOS OF EARLY-TYPE GALAXIES. Astrophysical Journal Letters, 2012, 758, L41.	8.3	128
48	Galaxy Merger Statistics and Inferred Bulge-to-Disk Ratios in Cosmological SPH Simulations. Astrophysical Journal, 2006, 647, 763-772.	4.5	128
49	The MOSDEF Survey: The Evolution of the Mass-Metallicity Relation from $z = 0$ to $z \approx 3.3^*$. Astrophysical Journal, 2021, 914, 19.	4.5	124
50	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
51	The intergalactic medium over the last 10 billion years - I. Ly α absorption and physical conditions. Monthly Notices of the Royal Astronomical Society, 2010, 408, 2051-2070.	4.4	117
52	Semi-analytic forecasts for JWST. I. UV luminosity functions at $z \approx 10$. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2983-3006.	4.4	116
53	The CAMELS Project: Cosmology and Astrophysics with Machine-learning Simulations. Astrophysical Journal, 2021, 915, 71.	4.5	113
54	The nature and origin of low-redshift O α absorbers. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1875-1904.	4.4	112

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55	Galaxy Clustering and Galaxy Bias in a Λ CDM Universe. <i>Astrophysical Journal</i> , 2004, 601, 1-21.	4.5	109
56	The Growth of Galaxies in Cosmological Simulations of Structure Formation. <i>Astrophysical Journal</i> , 2002, 571, 1-14.	4.5	109
57	The intergalactic medium over the last 10 billion years - II. Metal-line absorption and physical conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 829-859.	4.4	108
58	The MOSDEF Survey: A Stellar Mass \propto SFR \propto Metallicity Relation Exists at $z \approx 2.3$. <i>Astrophysical Journal</i> , 2018, 858, 99.	4.5	108
59	On the evolutionary history of stars and their fossil mass and light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 985-1002.	4.4	107
60	Voigt Profile Analysis of the Ly α Forest in a Cold Dark Matter Universe. <i>Astrophysical Journal</i> , 1997, 477, 21-26.	4.5	106
61	Ly α EMISSION FROM COSMIC STRUCTURE. I. FLUORESCENCE. <i>Astrophysical Journal</i> , 2010, 708, 1048-1075.	4.5	106
62	The dust-to-gas and dust-to-metal ratio in galaxies from $z = 0$ to $z = 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1425-1436.	4.4	106
63	Gas clumping in self-consistent reionization models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2464-2479.	4.4	104
64	ZFOURGE/CANDELS: ON THE EVOLUTION OF M_{UV} GALAXY PROGENITORS FROM $z = 3$ TO 0.5. <i>Astrophysical Journal</i> , 2015, 803, 26.	4.5	104
65	A CRITICAL LOOK AT THE MASS-METALLICITY-STAR FORMATION RATE RELATION IN THE LOCAL UNIVERSE. I. AN IMPROVED ANALYSIS FRAMEWORK AND CONFOUNDING SYSTEMATICS. <i>Astrophysical Journal</i> , 2014, 797, 126.	4.5	101
66	Hydrogen and metal line absorption around low-redshift galaxies in cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 89-112.	4.4	99
67	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2016, 832, 79.	4.5	99
68	Cosmological Limits on the Neutrino Mass from the Ly α Forest. <i>Physical Review Letters</i> , 1999, 83, 1092-1095.	7.8	98
69	Molecular Star Formation Rate Indicators in Galaxies. <i>Astrophysical Journal</i> , 2008, 684, 996-1008.	4.5	98
70	EXTENDED Ly α NEBULAE AT $z \approx 2.3$: AN EXTREMELY RARE AND STRONGLY CLUSTERED POPULATION?. <i>Astrophysical Journal</i> , 2009, 693, 1579-1587.	4.5	98
71	Parallel TreeSPH. <i>New Astronomy</i> , 1997, 2, 277-297.	1.8	96
72	The Physical and Photometric Properties of High-Redshift Galaxies in Cosmological Hydrodynamic Simulations. <i>Astrophysical Journal</i> , 2006, 639, 672-694.	4.5	95

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73	How Well Can We Measure the Stellar Mass of a Galaxy: The Impact of the Assumed Star Formation History Model in SED Fitting. <i>Astrophysical Journal</i> , 2020, 904, 33.	4.5	95
74	BLACK HOLE-GALAXY CORRELATIONS WITHOUT SELF-REGULATION. <i>Astrophysical Journal</i> , 2013, 770, 5.	4.5	94
75	THE GALEX-ARECIBO SDSS SURVEY. V. THE RELATION BETWEEN THE H I CONTENT OF GALAXIES AND METAL ENRICHMENT AT THEIR OUTSKIRTS. <i>Astrophysical Journal</i> , 2012, 745, 66.	4.5	93
76	CONNECTION BETWEEN THE CIRCUMGALACTIC MEDIUM AND THE INTERSTELLAR MEDIUM OF GALAXIES: RESULTS FROM THE COS-GASS SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 46.	4.5	90
77		4.5	90
78	The nature of submillimetre galaxies in cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	89
79	THE PHOTON UNDERPRODUCTION CRISIS. <i>Astrophysical Journal Letters</i> , 2014, 789, L32.	8.3	89
80	A Theory for the Variation of Dust Attenuation Laws in Galaxies. <i>Astrophysical Journal</i> , 2018, 869, 70.	4.5	85
81	Star formation and metallicity gradients in semi-analytic models of disc galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1531-1548.	4.4	84
82	Mufasa: Galaxy star formation, gas, and metal properties across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx108.	4.4	84
83	The IR τ^2 dust attenuation relation in cosmological galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1718-1736.	4.4	83
84	The VANDELS survey: the star-formation histories of massive quiescent galaxies at $1.0 \leq z \leq 1.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 417-439.	4.4	83
85	Hydrodynamic Simulation of the Cosmological γ Background. <i>Astrophysical Journal</i> , 2001, 557, 67-87.	4.5	83
86	The enrichment history of baryons in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 427-435.	4.4	82
87	γ Scaling Relations of Galaxy Groups in a Hydrodynamic Cosmological Simulation. <i>Astrophysical Journal</i> , 2002, 579, 23-41.	4.5	82
88	Accretion, feedback and galaxy bimodality: a comparison of the GalICS semi-analytic model and cosmological SPH simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 63-76.	4.4	81
89	Tracing the re-ionization-epoch intergalactic medium with metal absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 729-758.	4.4	81
90	The stellar accretion origin of stellar population gradients in massive galaxies at large radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 528-550.	4.4	81

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91	The growth of red sequence galaxies in a cosmological hydrodynamic simulation. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1816-1829.	4.4	80
92	Deriving a multivariate $\text{H}\alpha/\text{CO}$ conversion function using the $[\text{CII}]/\text{CO}(1-0)$ ratio and its application to molecular gas scaling relations. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	79
93	THE METALLICITIES OF LOW STELLAR MASS GALAXIES AND THE SCATTER IN THE MASS-METALLICITY RELATION. Astrophysical Journal, 2012, 750, 120.	4.5	79
94	The Role of Galactic Winds on Molecular Gas Emission from Galaxy Mergers. Astrophysical Journal, Supplement Series, 2008, 176, 331-354.	7.7	78
95	PROBING VERY BRIGHT END OF GALAXY LUMINOSITY FUNCTION AT $z \sim 7$ USING HUBBLE SPACE TELESCOPE PURE PARALLEL OBSERVATIONS. Astrophysical Journal Letters, 2011, 728, L22.	8.3	78
96	The effect of metal enrichment and galactic winds on galaxy formation in cosmological zoom simulations. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2929-2949.	4.4	77
97	Hot gas in massive haloes drives both mass quenching and environment quenching. Monthly Notices of the Royal Astronomical Society, 2015, 447, 374-391.	4.4	77
98	Semi-analytic forecasts for JWST II. Physical properties and scaling relations for galaxies at $z \sim 4-10$. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2855-2879.	4.4	77
99	The Statistical and Physical Properties of the Low-Redshift Ly α Forest Observed with the Hubble Space Telescope/STIS. Astrophysical Journal, 2001, 553, 528-537.	4.5	76
100	The physical properties and detectability of reionization-epoch galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 370, 273-288.	4.4	76
101	S α GAME Simulations of the $\text{H}\alpha$, $\text{H}\beta$, and Line Emission from Star-forming Galaxies at $z \sim 6$. Astrophysical Journal, 2017, 846, 105.	4.5	76
102	Smoothly rising star formation histories during the reionization epoch. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	75
103	How is star formation quenched in massive galaxies?. Monthly Notices of the Royal Astronomical Society, 2010, 407, 749-771.	4.4	75
104	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT $z \sim 6$. II. MORPHOLOGY OF THE REST-FRAME UV CONTINUUM AND Ly α EMISSION. Astrophysical Journal, 2013, 773, 153.	4.5	73
105	Mergers, starbursts, and quenching in the simba simulation. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2139-2154.	4.4	72
106	Baryon Dynamics, Dark Matter Substructure, and Galaxies. Astrophysical Journal, 2008, 678, 6-21.	4.5	72
107	Constraints on physical properties of $z \sim 6$ galaxies using cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1861-1878.	4.4	71
108	STRONG FIELD-TO-FIELD VARIATION OF Ly α NEBULAE POPULATIONS AT $z \sim 2.3$. Astrophysical Journal, 2010, 719, 1654-1671.	4.5	71

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109	Galaxy cold gas contents in modern cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 146-166.	4.4	71
110	The VANDELS survey: the stellar metallicities of star-forming galaxies at $z \in [2.5, 5.0]$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2038-2060.	4.4	70
111	Interpreting the Relationship between Galaxy Luminosity, Color, and Environment. Astrophysical Journal, 2005, 629, 625-632.	4.5	69
112	GALACTIC OUTFLOWS AND PHOTOIONIZATION HEATING IN THE REIONIZATION EPOCH. Astrophysical Journal, 2011, 743, 169.	4.5	69
113	Integral field spectroscopy of $z < 2.7$ submillimetre galaxies: gas morphologies and kinematics. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2232-2248.	4.4	68
114	Quenching massive galaxies with on-the-fly feedback in cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2676-2695.	4.4	67
115	Constraining the Metallicity of the Low-Density Ly α Forest Using Ovi Absorption. Astrophysical Journal, 1998, 509, 661-677.	4.5	65
116	Probing Galaxy Formation with Heii Cooling Lines. Astrophysical Journal, 2006, 640, 539-552.	4.5	65
117	Equilibrium model constraints on baryon cycling across cosmic time. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1184-1200.	4.4	65
118	Baryon cycling in the low-redshift circumgalactic medium: a comparison of simulations to the COS-Halos survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1745-1763.	4.4	65
119	How do Galaxies Get Their Gas?. Astrophysics and Space Science Library, 2003, , 185-192.	2.7	65
120	From Galaxy-Galaxy Lensing to Cosmological Parameters. Astrophysical Journal, 2006, 652, 26-42.	4.5	64
121	The Heavy-Element Enrichment of Ly α Clouds in the Virgo Supercluster. Astrophysical Journal, 2002, 575, 697-711.	4.5	63
122	nIFTy galaxy cluster simulations – I. Dark matter and non-radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4063-4080.	4.4	63
123	Supermassive black holes in cosmological simulations I: $M_{\text{BH}} \sim M_{\text{halo}}$ relation and black hole mass function. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1940-1975.	4.4	63
124	X-Ray Absorption by the Low-Redshift Intergalactic Medium: A Numerical Study of the Λ Cold Dark Matter Model. Astrophysical Journal, 2003, 594, 42-62.	4.5	62
125	Enrichment and pre-heating in intragroup gas from galactic outflows. Monthly Notices of the Royal Astronomical Society, 2008, 391, 110-123.	4.4	62
126	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT $z \in [0.34, 6.1]$. I. BASIC CHARACTERISTICS OF THE REST-FRAME UV CONTINUUM AND Ly α EMISSION. Astrophysical Journal, 2013, 772, 99.	4.5	62

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127	TORQUE-LIMITED GROWTH OF MASSIVE BLACK HOLES IN GALAXIES ACROSS COSMIC TIME. <i>Astrophysical Journal</i> , 2015, 800, 127.	4.5	62
128	ON THE MASS-METALLICITY-STAR FORMATION RATE RELATION FOR GALAXIES AT $z \approx 1/2$. <i>Astrophysical Journal</i> , 2015, 808, 25.	4.5	62
129	Black hole - Galaxy correlations in simba. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5764-5780.	4.4	62
130	The diversity and variability of star formation histories in models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 430-463.	4.4	62
131	THE PROPERTIES OF THE CIRCUMGALACTIC MEDIUM IN RED AND BLUE GALAXIES: RESULTS FROM THE COS-GASS+COS-HALOS SURVEYS. <i>Astrophysical Journal</i> , 2016, 833, 259.	4.5	60
132	COSMOLOGICAL ZOOM SIMULATIONS OF $z = 2$ GALAXIES: THE IMPACT OF GALACTIC OUTFLOWS. <i>Astrophysical Journal</i> , 2014, 782, 84.	4.5	55
133	Constraining the contribution of active galactic nuclei to reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 227-240.	4.4	53
134	Galaxy gas fractions at high redshift: the tension between observations and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1178-1184.	4.4	52
135	The properties of (sub-)millimetre-selected galaxies as revealed by CANDELS HST WFC3/IR imaging in GOODS-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2012-2042.	4.4	52
136	Reionization in Technicolor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2628-2649.	4.4	51
137	Tracing Outflowing Metals in Simulations of Dwarf and Spiral Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 142.	4.5	51
138	A new moment method for continuum radiative transfer in cosmological re-ionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1090-1106.	4.4	50
139	The growth of central and satellite galaxies in cosmological smoothed particle hydrodynamics simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 650-662.	4.4	50
140	And yet it flips: connecting galactic spin and the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 362-381.	4.4	49
141	Metal Lines Associated with Ly α Absorbers: A Comparison of Theory and Observations. <i>Astrophysical Journal</i> , 1997, 487, 482-488.	4.5	48
142	Molecular Outflows in Galaxy Merger Simulations with Embedded Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2006, 642, L107-L110.	4.5	48
143	Lyman Break Galaxies and the Ly α Forest. <i>Astrophysical Journal</i> , 2003, 594, 75-96.	4.5	47
144	Testing subhalo abundance matching in cosmological smoothed particle hydrodynamics simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3458-3473.	4.4	47

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145	The simulated Λ CDM sky at low redshift. <i>Astronomy and Astrophysics</i> , 2009, 504, 15-32.	5.1	46
146	On the connection between the intergalactic medium and galaxies: the galaxy cross-correlation at $z \sim 1$ <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 437, 2017-2075.	4.4	46
147	Simulating the 21cm signal from reionization including non-linear ionizations and inhomogeneous recombinations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1550-1567.	4.4	46
148	nIFTy galaxy cluster simulations II. Radiative models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2973-2991.	4.4	45
149	Semi-analytic forecasts for JWST III. Implications for cosmic reionization and LyC escape fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4574-4592.	4.4	45
150	MIGHTEE-HI: The HI emission project of the MeerKAT MIGHTEE survey. <i>Astronomy and Astrophysics</i> , 2021, 646, A35.	5.1	45
151	THE LBT BOA-TES FIELD SURVEY. I. THE REST-FRAME ULTRAVIOLET AND NEAR-INFRARED LUMINOSITY FUNCTIONS AND CLUSTERING OF BRIGHT LYMAN BREAK GALAXIES AT $z \sim 3$. <i>Astrophysical Journal</i> , 2013, 774, 28.	4.5	44
152	The impact of quenching on galaxy profiles in the <i>simba</i> simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6053-6071.	4.4	43
153	Cosmological implications of a stellar initial mass function that varies with the Jeans mass in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3601-3615.	4.4	42
154	Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 772-793.	4.4	42
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