

Romeel Dave

List of Publications by Year in descending order

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Version: 2024-02-01

289
papers

29,320
citations

6840

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293
times ranked

8163
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-evolution of massive black holes and their host galaxies at high redshift: discrepancies from six cosmological simulations and the key role of <i>JWST</i> . Monthly Notices of the Royal Astronomical Society, 2022, 511, 3751-3767.	1.6	27
2	IQ Collaboratory. III. The Empirical Dust Attenuation Framework—Taking Hydrodynamical Simulations with a Grain of Dust. Astrophysical Journal, 2022, 926, 122.	1.6	10
3	The BPT Diagram in Cosmological Galaxy Formation Simulations: Understanding the Physics Driving Offsets at High Redshift. Astrophysical Journal, 2022, 926, 80.	1.6	11
4	Finding Universal Relations in Subhalo Properties with Artificial Intelligence. Astrophysical Journal, 2022, 927, 85.	1.6	21
5	The CAMELS Multifield Data Set: Learning the Universe’s Fundamental Parameters with Artificial Intelligence. Astrophysical Journal, Supplement Series, 2022, 259, 61.	3.0	30
6	Rapidly quenched galaxies in the <i>Simba</i> cosmological simulation and observations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 27-41.	1.6	4
7	Quenching and the UVJ Diagram in the SIMBA Cosmological Simulation. Astrophysical Journal, 2022, 929, 94.	1.6	14
8	Tracing Molecular Gas Mass in $z \approx 6$ Galaxies with [C ii]. Astrophysical Journal, 2022, 929, 92.	1.6	22
9	Breaking baryon-cosmology degeneracy with the electron density power spectrum. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 046.	1.9	11
10	How Well Can We Measure Galaxy Dust Attenuation Curves? The Impact of the Assumed Star-dust Geometry Model in Spectral Energy Distribution Fitting. Astrophysical Journal, 2022, 931, 14.	1.6	15
11	Reionization with Simba: How Much Does Astrophysics Matter in Modeling Cosmic Reionization?. Astrophysical Journal, 2022, 931, 62.	1.6	6
12	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z \approx 0.5$. Astrophysical Journal Letters, 2022, 931, L7.	3.0	2
13	<i>The Three Hundred</i> project: The <i>gizmo-simba</i> run. Monthly Notices of the Royal Astronomical Society, 2022, 514, 977-996.	1.6	31
14	The black hole population in low-mass galaxies in large-scale cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4912-4931.	1.6	11
15	The Circumgalactic Medium from the CAMELS Simulations: Forecasting Constraints on Feedback Processes from Future Sunyaev–Zeldovich Observations. Astrophysical Journal, 2022, 933, 133.	1.6	11
16	Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2021, 502, 772-793.	1.6	42
17	ALMA Measures Rapidly Depleted Molecular Gas Reservoirs in Massive Quiescent Galaxies at $z \approx 1.5$. Astrophysical Journal, 2021, 908, 54.	1.6	36
18	Supermassive black holes in cosmological simulations I: $M_{\text{BH}} \propto M_{\text{halo}}$ relation and black hole mass function. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1940-1975.	1.6	63

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19	MIGHTEE-HI: The H α emission project of the MeerKAT MIGHTEE survey. <i>Astronomy and Astrophysics</i> , 2021, 646, A35.	2.1	45
20	The Origin and Evolution of Ly α Blobs in Cosmological Galaxy Formation Simulations. <i>Astrophysical Journal</i> , 2021, 909, 119.	1.6	9
21	The radio galaxy population in the <sc>simba</sc> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3492-3509.	1.6	22
22	Hybrid analytic and machine-learned baryonic property insertion into galactic dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4024-4038.	1.6	10
23	The MOSDEF Survey: The Evolution of the Mass-Metallicity Relation from $z = 0$ to $z \approx 3.3^*$. <i>Astrophysical Journal</i> , 2021, 914, 19.	1.6	124
24	The CAMELS Project: Cosmology and Astrophysics with Machine-learning Simulations. <i>Astrophysical Journal</i> , 2021, 915, 71.	1.6	113
25	The origin of galaxy colour bimodality in the scatter of the stellar-to-halo mass relation. <i>Nature Astronomy</i> , 2021, 5, 1069-1076.	4.2	33
26	The origin of the dust extinction curve in milky way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 548-559.	1.6	15
27	IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. <i>Astrophysical Journal</i> , 2021, 915, 53.	1.6	19
28	The redshift evolution of the baryonic Tully-Fisher relation in SIMBA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3267-3284.	1.6	8
29	The low-redshift circumgalactic medium in <sc>simba</sc>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2383-2404.	1.6	24
30	Semi-analytic forecasts for <i>JWST</i> ν AGN luminosity functions and helium reionization at <i>z</i> ≈ 7 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2706-2729.	1.6	25
31	AGN and star formation at cosmic noon: comparison of data to theoretical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 762-780.	1.6	5
32	<sc>the threehundred</sc>: the structure and properties of cosmic filaments in the outskirts of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 714-727.	1.6	34
33	Bringing faint active galactic nuclei (AGNs) to light: a view from large-scale cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4816-4843.	1.6	8
34	The NEWFIRM HETDEX Survey: Photometric Catalog and a Conservative Sample of Massive Quiescent Galaxies at $z = 3 \approx 5$ over 17.5 deg^2 in the SHELA Field. <i>Astrophysical Journal</i> , 2021, 921, 58.	1.6	17
35	Supermassive black holes in cosmological simulations \approx II: the AGN population and predictions for upcoming X-ray missions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3015-3042.	1.6	27
36	High Molecular-gas to Dust Mass Ratios Predicted in Most Quiescent Galaxies. <i>Astrophysical Journal Letters</i> , 2021, 922, L30.	3.0	17

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37	sÅgame v3: Gas Fragmentation in Postprocessing of Cosmological Simulations for More Accurate Infrared Line Emission Modeling. <i>Astrophysical Journal</i> , 2021, 922, 88.	1.6	12
38	A new model for including galactic winds in simulations of galaxy formation II: Implementation of PhEW in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 6091-6110.	1.6	5
39	Detection of a Multiphase Intragroup Medium: Results from the COS-IGrM Survey. <i>Astrophysical Journal</i> , 2021, 923, 189.	1.6	4
40	Protoclusters at $z = 5.7$: a view from the MultiDark galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5220-5228.	1.6	2
41	Jet feedback and the photon underproduction crisis in simba. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2617-2635.	1.6	27
42	Lyman $\hat{\pm}$ absorption beyond the disc of simulated spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 152-168.	1.6	20
43	The Three Hundred project: the stellar and gas profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2930-2948.	1.6	24
44	X-ray emission from hot gas in galaxy groups and clusters in simba. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3061-3076.	1.6	27
45	A new model for including galactic winds in simulations of galaxy formation â€“ I. Introducing the Physically Evolved Winds (PhEW) model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2586-2604.	1.6	19
46	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.	1.6	62
47	The specific star formation rate function at different mass scales and quenching: a comparison between cosmological models and SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2036-2048.	1.6	19
48	Photometric properties of reionization-epoch galaxies in the <scp>simba</scp> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5636-5651.	1.6	24
49	Galaxy cold gas contents in modern cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 146-166.	1.6	71
50	The baryonic Tullyâ€“Fisher relation in the simba simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3687-3702.	1.6	19
51	Semi-analytic forecasts for JWST â€“ IV. Implications for cosmic reionization and LyC escape fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4574-4592.	1.6	45
52	Cosmological baryon transfer in the simba simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 6102-6119.	1.6	30
53	And yet it flips: connecting galactic spin and the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 362-381.	1.6	49
54	The frequency of very young galaxies in the local Universe â€“ II. The view from SDSS spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1791-1811.	1.6	13

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55	The impact of wind scalings on stellar growth and the baryon cycle in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1-28.	1.6	6
56	Testing galaxy formation simulations with damped Lyman- α abundance and metallicity evolution. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2835-2846.	1.6	10
57	The impact of the connectivity of the cosmic web on the physical properties of galaxies at its nodes. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4294-4309.	1.6	35
58	In pursuit of giants. Astronomy and Astrophysics, 2020, 644, A144.	2.1	32
59	The impact of quenching on galaxy profiles in the <code>simba</code> simulation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6053-6071.	1.6	43
60	<code>simba</code> : the average properties of the circumgalactic medium of 2×10^3 quasars are determined primarily by stellar feedback. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2760-2784.	1.6	18
61	How Well Can We Measure the Stellar Mass of a Galaxy: The Impact of the Assumed Star Formation History Model in SED Fitting. Astrophysical Journal, 2020, 904, 33.	1.6	95
62	Predictions of the $L_{[C\ II]}$ SFR and $[C\ II]$ Luminosity Function at the Epoch of Reionization. Astrophysical Journal, 2020, 905, 102.	1.6	22
63	The CGM at Cosmic Noon with KCWI: Outflows from a Star-forming Galaxy at $z=2.071$. Astrophysical Journal, 2020, 904, 164.	1.6	13
64	Black hole Galaxy correlations in <code>simba</code> . Monthly Notices of the Royal Astronomical Society, 2019, 487, 5764-5780.	1.6	62
65	Artist: fast radiative transfer for large-scale simulations of the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5594-5611.	1.6	21
66	The impact of AGN on stellar kinematics and orbits in simulated massive galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2702-2722.	1.6	17
67	The VANDELS survey: the star-formation histories of massive quiescent galaxies at $1.0 < z < 1.3$. Monthly Notices of the Royal Astronomical Society, 2019, 490, 417-439.	1.6	83
68	The dust-to-gas and dust-to-metal ratio in galaxies from $z = 0$ to 6 . Monthly Notices of the Royal Astronomical Society, 2019, 490, 1425-1436.	1.6	106
69	Semi-analytic forecasts for JWST II. Physical properties and scaling relations for galaxies at $z \sim 10$. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2855-2879.	1.6	77
70	Imprints of temperature fluctuations on the $z \sim 5$ Lyman- α forest: a view from radiation-hydrodynamic simulations of reionization. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3177-3195.	1.6	33
71	Mergers, starbursts, and quenching in the <code>simba</code> simulation. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2139-2154.	1.6	72
72	The COS Absorption Survey of Baryon Harbors: The Galaxy Database and Cross-correlation Analysis of $O\ VI$ Systems. Astrophysical Journal, Supplement Series, 2019, 243, 24.	3.0	22

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73	Star Formation Stochasticity Measured from the Distribution of Burst Indicators. <i>Astrophysical Journal</i> , 2019, 873, 74.	1.6	31
74	The VANDELS survey: the stellar metallicities of star-forming galaxies at $z \in [2.5, 5.0]$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2038-2060.	1.6	70
75	simba: Cosmological simulations with black hole growth and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2827-2849.	1.6	576
76	mufasa: Time-scales for $H\alpha$ consumption and SFR depletion of satellite galaxies in groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5184-5196.	1.6	9
77	The robustness of cosmological hydrodynamic simulation predictions to changes in numerics and cooling physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2021-2046.	1.6	12
78	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 160.	1.6	23
79	Semi-analytic forecasts for JWST I. UV luminosity functions at $z < 10$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2983-3006.	1.6	116
80	Dynamic localized turbulent diffusion and its impact on the galactic ecosystem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3810-3831.	1.6	23
81	Modeling dust in a universe of galaxies. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 44-54.	0.0	0
82	The Three Hundred Project: The evolution of galaxy cluster density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3390-3403.	1.6	40
83	Constraining the contribution of active galactic nuclei to reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 227-240.	1.6	53
84	Reionization in Technicolor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2628-2649.	1.6	51
85	Dark Molecular Gas in Simulations of $z \sim 4$ Disk Galaxies. <i>Astrophysical Journal</i> , 2018, 869, 73.	1.6	18
86	Tracing Outflowing Metals in Simulations of Dwarf and Spiral Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 142.	1.6	51
87	On the Interpretation of Far-infrared Spectral Energy Distributions. I. The $850 \mu\text{m}$ Molecular Mass Estimator. <i>Astrophysical Journal</i> , 2018, 867, 102.	1.6	21
88	The $SFR^* - M_{\text{sub}^*}$ Correlation Extends to Low Mass at High Redshift. <i>Astrophysical Journal</i> , 2018, 866, 120.	1.6	29
89	Inferring the star formation histories of massive quiescent galaxies with bagpipes: evidence for multiple quenching mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4379-4401.	1.6	311
90	A Theory for the Variation of Dust Attenuation Laws in Galaxies. <i>Astrophysical Journal</i> , 2018, 869, 70.	1.6	85

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91	Predicting the neutral hydrogen content of galaxies from optical data using machine learning. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4509-4525.	1.6	16
92	The MOSDEF Survey: A Stellar Mass–SFR–Metallicity Relation Exists at $z \sim 1/4 \sim 2.3$. Astrophysical Journal, 2018, 858, 99.	1.6	108
93	Painting galaxies into dark matter haloes using machine learning. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3410-3422.	1.6	41
94	The IRX– τ_{22} dust attenuation relation in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1718-1736.	1.6	83
95	mufasa: the strength and evolution of galaxy conformity in various tracers. Monthly Notices of the Royal Astronomical Society, 2018, 475, 955-973.	1.6	10
96	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.	1.6	261
97	Aligned metal absorbers and the ultraviolet background at the end of reionization. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4717-4727.	1.6	14
98	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.	1.6	131
99	Equilibrium model prediction for the scatter in the star-forming main sequence. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2766-2776.	1.6	33
100	Gravitational torque-driven black hole growth and feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2840-2853.	1.6	162
101	The minimum halo mass for star formation at $z \sim 6$. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1633-1639.	1.6	21
102	nFTy galaxy cluster simulations – V. Investigation of the cluster infall region. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2027-2038.	1.6	16
103	Cold gas stripping in satellite galaxies: from pairs to clusters. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1275-1289.	1.6	184
104	Using galaxy formation simulations to optimize LIGO follow-up observations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2212-2216.	1.6	5
105	Epoch of reionization 21 cm forecasting from MCMC-constrained semi-numerical models. Monthly Notices of the Royal Astronomical Society, 2017, 468, 122-139.	1.6	33
106	Probing the Metal Enrichment of the Intergalactic Medium at $z \sim 5$ Using the Hubble Space Telescope. Astrophysical Journal Letters, 2017, 849, L18.	3.0	13
107	xCOLD GASS: The Complete IRAM 30 m Legacy Survey of Molecular Gas for Galaxy Evolution Studies. Astrophysical Journal, Supplement Series, 2017, 233, 22.	3.0	350
108	ZFIRE: SIMILAR STELLAR GROWTH IN $H\alpha$ -EMITTING CLUSTER AND FIELD GALAXIES AT $z \sim 1/4 \sim 2$. Astrophysical Journal, 2017, 834, 101.	1.6	14

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109	SĀGAME Simulations of the , , and Line Emission from Star-forming Galaxies at. Astrophysical Journal, 2017, 846, 105.	1.6	76
110	mufasa: the assembly of the red sequence. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1671-1687.	1.6	38
111	STELLAR MASSâ€“GAS-PHASE METALLICITY RELATION AT 0.5 â‰ˆzâ‰ˆ 0.7: A POWER LAW WITH INCREASING SCATTER TOWARD THE LOW-MASS REGIME. Astrophysical Journal, 2016, 822, 103.	1.6	29
112	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 79.	1.6	99
113	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT zâ‰ˆ 6. III. STELLAR POPULATIONS FROM SED MODELING WITH SECURE Lyâ‰ˆ EMISSION AND REDSHIFTS*. Astrophysical Journal, 2016, 816, 16.	1.6	35
114	ZFIRE: THE KINEMATICS OF STAR-FORMING GALAXIES AS A FUNCTION OF ENVIRONMENT AT z â‰ˆ 2. Astrophysical Journal Letters, 2016, 825, L2.	3.0	14
115	THE PROPERTIES OF THE CIRCUMGALACTIC MEDIUM IN RED AND BLUE GALAXIES: RESULTS FROM THE COS-GASS+COS-HALOS SURVEYS. Astrophysical Journal, 2016, 833, 259.	1.6	60
116	The growth and enrichment of intragroup gas. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4266-4290.	1.6	34
117	nFTy galaxy cluster simulations â‰ˆ II. Radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2973-2991.	1.6	45
118	mufasa: galaxy formation simulations with meshless hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3265-3284.	1.6	243
119	Probing the Baryon Cycle in Galaxy Outskirts. Proceedings of the International Astronomical Union, 2016, 11, 53-60.	0.0	0
120	nFTy galaxy cluster simulations â‰ˆ III. The similarity and diversity of galaxies and subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1096-1116.	1.6	32
121	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.	1.6	65
122	nFTy galaxy cluster simulations â‰ˆ IV. Quantifying the influence of baryons on halo properties. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4052-4073.	1.6	39
123	IN-N-OUT: THE GAS CYCLE FROM DWARFS TO SPIRAL GALAXIES. Astrophysical Journal, 2016, 824, 57.	1.6	161
124	nFTy galaxy cluster simulations â‰ˆ I. Dark matter and non-radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4063-4080.	1.6	63
125	Simulating the 21â‰ˆcm signal from reionization including non-linear ionizations and inhomogeneous recombinations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1550-1567.	1.6	46
126	HIRAX: a probe of dark energy and radio transients. Proceedings of SPIE, 2016, , .	0.8	134

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127	CONNECTION BETWEEN THE CIRCUMGALACTIC MEDIUM AND THE INTERSTELLAR MEDIUM OF GALAXIES: RESULTS FROM THE COS-GASS SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 46.	1.6	90
128	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.	1.6	81
129	The rise and fall of a challenger: the Bullet Cluster in Λ cold dark matter simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3030-3037.	1.6	20
130	The impact of environment and mergers on the H α content of galaxies in hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3981-3999.	1.6	28
131	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.	1.6	253
132	CONSTRAINING VERY HIGH MASS POPULATION III STARS THROUGH He II EMISSION IN GALAXY BDF-521 AT $z = 7.01$. <i>Astrophysical Journal Letters</i> , 2015, 799, L19.	3.0	12
133	TORQUE-LIMITED GROWTH OF MASSIVE BLACK HOLES IN GALAXIES ACROSS COSMIC TIME. <i>Astrophysical Journal</i> , 2015, 800, 127.	1.6	62
134	Hot gas in massive haloes drives both mass quenching and environment quenching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 374-391.	1.6	77
135	Equilibrium model constraints on baryon cycling across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1184-1200.	1.6	65
136	Physical Models of Galaxy Formation in a Cosmological Framework. <i>Annual Review of Astronomy and Astrophysics</i> , 2015, 53, 51-113.	8.1	960
137	ZFOURGE/CANDELS: ON THE EVOLUTION OF M^* GALAXY PROGENITORS FROM $z = 3$ TO 0.5. <i>Astrophysical Journal</i> , 2015, 803, 26.	1.6	104
138	The reionization of carbon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2526-2539.	1.6	40
139	THE MOSFIRE DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR $z \sim 1.5$ $H\alpha$ -SELECTED GALAXIES AT $1.37 \leq z \leq 3.8$. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 15.	3.0	312
140	ON THE MASS-METALLICITY-STAR FORMATION RATE RELATION FOR GALAXIES AT $z \sim 2$. <i>Astrophysical Journal</i> , 2015, 808, 25.	1.6	62
141	Monstrous galaxies unmasked. <i>Nature</i> , 2015, 525, 465-466.	13.7	0
142	THE DISTRIBUTION OF SATELLITES AROUND MASSIVE GALAXIES AT $1 < z < 3$ IN ZFOURGE/CANDELS: DEPENDENCE ON STAR FORMATION ACTIVITY. <i>Astrophysical Journal</i> , 2014, 792, 103.	1.6	24
143	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.	1.6	236
144	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.	1.6	101

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145	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , 2014, 785, 111.	1.6	38
146	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 8.	1.6	464
147	Tracing inflows and outflows with absorption lines in circumgalactic gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1260-1281.	1.6	131
148	OPTICAL-FAINT, FAR-INFRARED-BRIGHT <i>HERSCHEL</i> SOURCES IN THE CANDELS FIELDS: ULTRA-LUMINOUS INFRARED GALAXIES AT $z > 1$ AND THE EFFECT OF SOURCE BLENDING. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 2.	3.0	11
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