

James Trayford

List of Publications by Year in descending order

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13
papers

3,341
citations

759055

12
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

3633
citing authors

#	ARTICLE	IF	CITATIONS
1	Observed structural parameters of EAGLE galaxies: reconciling the mass-size relation in simulations with local observations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2544-2564.	1.6	29
2	First Light And Reionisation Epoch Simulations (FLARES) III. The properties of massive dusty galaxies at cosmic dawn. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4999-5017.	1.6	19
3	High-resolution synthetic UV-submm images for Milky Way-mass simulated galaxies from the ARTEMIS project. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2728-2749.	1.6	16
4	Infrared luminosity functions and dust mass functions in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2912-2924.	1.6	16
5	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2823-2838.	1.6	28
6	Linking gas and galaxies at high redshift: MUSE surveys the environments of six damped Ly α systems at $z \approx 3$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5070-5096.	1.6	33
7	The cosmic spectral energy distribution in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4069-4082.	1.6	17
8	Deep learning for galaxy mergers in the galaxy main sequence. Proceedings of the International Astronomical Union, 2019, 15, 104-108.	0.0	0
9	Data Release of UV to Submillimeter Broadband Fluxes for Simulated Galaxies from the EAGLE Project. Astrophysical Journal, Supplement Series, 2018, 234, 20.	3.0	60
10	Witnessing galaxy assembly in an extended $z \approx 3$ structure. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3686-3698.	1.6	41
11	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1931-1943.	1.6	453
12	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. Monthly Notices of the Royal Astronomical Society, 2015, 446, 521-554.	1.6	2,549
13	The effect of baryons on the inner density profiles of rich clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 343-355.	1.6	80