

Robert Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,499
citations

394421

19
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2195
citing authors

#	ARTICLE	IF	CITATIONS
1	powderday: Dust Radiative Transfer for Galaxy Simulations. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 12.	7.7	35
2	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.	4.4	12
3	The IRX $\hat{=}$ dust attenuation relation in cosmological galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1718-1736.	4.4	83
4	Baseline metal enrichment from Population III star formation in cosmological volume simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4396-4410.	4.4	56
5	The minimum halo mass for star formation at $z=6-8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1633-1639.	4.4	21
6	S $\hat{=}$ GAME Simulations of the , , and Line Emission from Star-forming Galaxies at. <i>Astrophysical Journal</i> , 2017, 846, 105.	4.5	76
7	mufasa: galaxy formation simulations with meshless hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3265-3284.	4.4	243
8	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. <i>Astrophysical Journal</i> , 2016, 833, 202.	4.5	88
9	SIMULATOR OF GALAXY MILLIMETER/SUBMILLIMETER EMISSION (S $\hat{=}$ GAME): THE [C ii] $\hat{=}$ SFR RELATIONSHIP OF MASSIVE $z=2$ MAIN SEQUENCE GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 76.	4.5	47
10	The rise and fall of a challenger: the Bullet Cluster in $\hat{=}$ cold dark matter simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3030-3037.	4.4	20
11	The reionization of carbon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2526-2539.	4.4	40
12	The formation of submillimetre-bright galaxies from gas infall over a billion years. <i>Nature</i> , 2015, 525, 496-499.	27.8	154
13	Warm ice giant GJ 3470b - II. Revised planetary and stellar parameters from optical to near-infrared transit photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1810-1820.	4.4	75
14	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 14.	7.7	185
15	Tracing inflows and outflows with absorption lines in circumgalactic gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1260-1281.	4.4	131
16	Dust properties of Lyman-break galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3073-3084.	4.4	24
17	MOLECULAR HYDROGEN REGULATED STAR FORMATION IN COSMOLOGICAL SMOOTHED PARTICLE HYDRODYNAMICS SIMULATIONS. <i>Astrophysical Journal</i> , 2014, 780, 145.	4.5	40
18	IMPACT OF H ₂ -BASED STAR FORMATION MODEL ON THE $z=6$ LUMINOSITY FUNCTION AND THE IONIZING PHOTON BUDGET FOR REIONIZATION. <i>Astrophysical Journal</i> , 2013, 766, 94.	4.5	48

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19	High-z galaxy formation, reionization of the universe, and the impact of H[sub 2]-based star formation model. , 2012, , .		0
20	Pairwise velocities of dark matter haloes: a test for the Λ cold dark matter model using the bullet cluster. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3560-3570.	4.4	42
21	Steep faint-end slopes of galaxy mass and luminosity functions at $z \gtrsim 6$ and the implications for reionization. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1606-1620.	4.4	73