

# Robert Thompson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11590848/publications.pdf>

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	mufasa: galaxy formation simulations with meshless hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3265-3284.	4.4	243
2	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. Astrophysical Journal, Supplement Series, 2014, 210, 14.	7.7	185
3	The formation of submillimetre-bright galaxies from gas infall over a billion years. Nature, 2015, 525, 496-499.	27.8	154
4	Tracing inflows and outflows with absorption lines in circumgalactic gas. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1260-1281.	4.4	131
5	THE AGORA HIGH-RESOLUTION GALAXY SIMULATIONS COMPARISON PROJECT. II. ISOLATED DISK TEST. Astrophysical Journal, 2016, 833, 202.	4.5	88
6	The IRX $\hat{=}$ dust attenuation relation in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1718-1736.	4.4	83
7	SÅGAME Simulations of the , , and Line Emission from Star-forming Galaxies at. Astrophysical Journal, 2017, 846, 105.	4.5	76
8	Warm ice giant GJ 3470b - II. Revised planetary and stellar parameters from optical to near-infrared transit photometry. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1810-1820.	4.4	75
9	Steep faint-end slopes of galaxy mass and luminosity functions at $z \approx 6$ and the implications for reionization. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1606-1620.	4.4	73
10	Baseline metal enrichment from Population III star formation in cosmological volume simulations. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4396-4410.	4.4	56
11	IMPACT OF H <sub>2</sub> -BASED STAR FORMATION MODEL ON THE $z \approx 6$ LUMINOSITY FUNCTION AND THE IONIZING PHOTON BUDGET FOR REIONIZATION. Astrophysical Journal, 2013, 766, 94.	4.5	48
12	SIMULATOR OF GALAXY MILLIMETER/SUBMILLIMETER EMISSION (SÅGAME): THE [C ii] $\hat{=}$ SFR RELATIONSHIP OF MASSIVE $z = 2$ MAIN SEQUENCE GALAXIES. Astrophysical Journal, 2015, 814, 76.	4.5	47
13	Pairwise velocities of dark matter haloes: a test for the $\hat{=}$ cold dark matter model using the bullet cluster. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3560-3570.	4.4	42
14	MOLECULAR HYDROGEN REGULATED STAR FORMATION IN COSMOLOGICAL SMOOTHED PARTICLE HYDRODYNAMICS SIMULATIONS. Astrophysical Journal, 2014, 780, 145.	4.5	40
15	The reionization of carbon. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2526-2539.	4.4	40
16	powderday: Dust Radiative Transfer for Galaxy Simulations. Astrophysical Journal, Supplement Series, 2021, 252, 12.	7.7	35
17	Dust properties of Lyman-break galaxies in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3073-3084.	4.4	24
18	The minimum halo mass for star formation at $z \approx 8$ . Monthly Notices of the Royal Astronomical Society, 2017, 464, 1633-1639.	4.4	21

#	ARTICLE	IF	CITATIONS
19	The rise and fall of a challenger: the Bullet Cluster in $\Lambda$ cold dark matter simulations. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3030-3037.	4.4	20
20	The robustness of cosmological hydrodynamic simulation predictions to changes in numerics and cooling physics. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2021-2046.	4.4	12
21	High-z galaxy formation, reionization of the universe, and the impact of H <sub>2</sub> -based star formation model. , 2012, , .		0