

# Yang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3119613/publications.pdf>

Version: 2024-02-01

18  
papers

411  
citations

933447

10  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

649  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Galaxy cluster mass reconstruction project – I. Methods and first results on galaxy-based techniques. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1513-1536.	4.4	58
3	SATELLITE ALIGNMENT. I. DISTRIBUTION OF SUBSTRUCTURES AND THEIR DEPENDENCE ON ASSEMBLY HISTORY FROM $N$ -BODY SIMULATIONS. Astrophysical Journal, 2014, 786, 8.	4.5	36
4	THE DISTRIBUTION OF SATELLITES AROUND CENTRAL GALAXIES IN A COSMOLOGICAL HYDRODYNAMICAL SIMULATION. Astrophysical Journal Letters, 2014, 791, L33.	8.3	33
5	The Three Hundred Project: The Influence of Environment on Simulated Galaxy Properties. Astrophysical Journal, 2018, 868, 130.	4.5	32
6	An Investigation of Intracluster Light Evolution Using Cosmological Hydrodynamical Simulations. Astrophysical Journal, 2018, 859, 85.	4.5	25
7	Barred Galaxies in the Illustris-1 and TNG100 Simulations: A Comparison Study. Astrophysical Journal, 2020, 895, 92.	4.5	23
8	Full-sky Ray-tracing Simulation of Weak Lensing Using ELUCID Simulations: Exploring Galaxy Intrinsic Alignment and Cosmic Shear Correlations. Astrophysical Journal, 2018, 853, 25.	4.5	17
9	Sussing merger trees: stability and convergence. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1554-1568.	4.4	14
10	Cosmic Velocity Field Reconstruction Using AI. Astrophysical Journal, 2021, 913, 2.	4.5	11
11	Sensitivity tests of cosmic velocity fields to massive neutrinos. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3319-3330.	4.4	6
12	Velocity dispersion of brightest cluster galaxies in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5780-5795.	4.4	5
13	The importance of mock observations in validating galaxy properties for cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3321-3336.	4.4	4
14	Satellite Alignment. III. Satellite Galaxies' Spatial Distribution and Their Dependence on Redshift with a Novel Galaxy Finder. Astrophysical Journal, 2020, 893, 87.	4.5	4
15	SOLVING THE PUZZLE OF SUBHALO SPINS. Astrophysical Journal, 2015, 801, 93.	4.5	3
16	Alignment between satellite and central galaxies in the EAGLE simulation: dependence on the large-scale environments. Research in Astronomy and Astrophysics, 2019, 19, 181.	1.7	3
17	Estimation of the Galaxy Quenching Rate in the Illustris Simulation. Astrophysical Journal, 2021, 906, 129.	4.5	3
18	A stochastic model to reproduce the star formation history of individual galaxies in hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3249-3269.	4.4	3