

# Adrian Pope

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8265797/publications.pdf>

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13  
papers

724  
citations

840776

11  
h-index

1125743

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all docs

13  
docs citations

13  
times ranked

1069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Farpoint: A High-resolution Cosmology Simulation at the Gigaparsec Scale. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 15.	7.7	9
2	The Last Journey. I. An Extreme-scale Simulation on the Mira Supercomputer. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 19.	7.7	12
3	The LSST DESC DC2 Simulated Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 31.	7.7	32
4	The Outer Rim Simulation: A Path to Many-core Supercomputers. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 16.	7.7	67
5	The Borg Cube Simulation: Cosmological Hydrodynamics with CRK-SPH. <i>Astrophysical Journal</i> , 2019, 877, 85.	4.5	14
6	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 26.	7.7	67
7	HACC Cosmological Simulations: First Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 17.	7.7	17
8	DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 36.	7.7	18
9	Halo Profiles and the Concentration–Mass Relation for a $\Lambda$ CDM Universe. <i>Astrophysical Journal</i> , 2018, 859, 55.	4.5	83
10	The Mira-Titan Universe. II. Matter Power Spectrum Emulation. <i>Astrophysical Journal</i> , 2017, 847, 50.	4.5	98
11	THE MIRA–TITAN UNIVERSE: PRECISION PREDICTIONS FOR DARK ENERGY SURVEYS. <i>Astrophysical Journal</i> , 2016, 820, 108.	4.5	100
12	HACC: Simulating sky surveys on state-of-the-art supercomputing architectures. <i>New Astronomy</i> , 2016, 42, 49-65.	1.8	166
13	THE Q CONTINUUM SIMULATION: HARNESSING THE POWER OF GPU ACCELERATED SUPERCOMPUTERS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 34.	7.7	41