

Adrian Pope

List of Publications by Year in descending order

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

Version: 2024-02-01

13
papers

724
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1069
citing authors

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