

David Daniel

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

404
citations

1478505

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1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

794
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	Exascale applications: skin in the game. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190056.	3.4	53
3	HACC. <i>Communications of the ACM</i> , 2016, 60, 97-104.	4.5	51
4	PARTICLE MESH SIMULATIONS OF THE Ly α FOREST AND THE SIGNATURE OF BARYON ACOUSTIC OSCILLATIONS IN THE INTERGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2010, 713, 383-393.	4.5	46
5	Hybrid petacomputing meets cosmology: The Roadrunner Universe project. <i>Journal of Physics: Conference Series</i> , 2009, 180, 012019.	0.4	33
6	The Universe at extreme scale: Multi-petaflop sky simulation on the BG/Q. , 2012, , .		28
7	The Accelerated Universe. <i>Computing in Science and Engineering</i> , 2010, 12, 17-25.	1.2	21
8	Large-Scale Simulations of Sky Surveys. <i>Computing in Science and Engineering</i> , 2014, 16, 14-23.	1.2	5