Venkatram Vishwanath

List of Publications by Year
in descending order

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14 papers	401 citations	1163117 8 h-index	1588992 8 g-index
14 all docs	14 docs citations	14 times ranked	575 citing authors

#	Article	IF	Citations
1	Early Investigations into Using a Remote RAM Pool with the vl3 Visualization Framework. , 2016, , .		3
2	HACC: Simulating sky surveys on state-of-the-art supercomputing architectures. New Astronomy, 2016, 42, 49-65.	1.8	166
3	HACC. Communications of the ACM, 2016, 60, 97-104.	4.5	51
4	DIRAQ: scalable in situ data- and resource-aware indexing for optimized query performance. Cluster Computing, 2014, 17, 1101-1119.	5.0	11
5	Scalable in situ scientific data encoding for analytical query processing. , 2013, , .		6
6	Accelerating I/O Forwarding in IBM Blue Gene/P Systems. , 2010, , .		26
7	Accelerating tropical cyclone analysis using LambdaRAM, a distributed data cache over wide-area ultra-fast networks. Future Generation Computer Systems, 2009, 25, 184-191.	7.5	13
8	The OptIPortal, a scalable visualization, storage, and computing interface device for the OptiPuter. Future Generation Computer Systems, 2009, 25, 114-123.	7.5	60
9	Specification and Verification of LambdaRAMÂ¿ A Wide-area Distributed Cache for High Performance Computing. , 2008, , .		5
10	Towards Terabit/s Systems: Performance Evaluation of Multi-Rail Systems. , 2007, , .		7
11	LambdaBridge: A Scalable Architecture for Future Generation Terabit Applications. , 2006, , .		4
12	CAM03-6: AR-PIN/PDC: Flexible Advance Reservation of Intradomain and Interdomain Lightpaths. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	12
13	The first functional demonstration of optical virtual concatenation as a technique for achieving Terabit networking. Future Generation Computer Systems, 2006, 22, 876-883.	7.5	13
14	The global lambda visualization facility: An international ultra-high-definition wide-area visualization collaboratory. Future Generation Computer Systems, 2006, 22, 964-971.	7.5	24