

Venkatram Vishwanath

List of Publications by Year in descending order

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Version: 2024-02-01

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	HACC: Simulating sky surveys on state-of-the-art supercomputing architectures. <i>New Astronomy</i> , 2016, 42, 49-65.	1.8	166
2	The OptiPortal, a scalable visualization, storage, and computing interface device for the OptiPuter. <i>Future Generation Computer Systems</i> , 2009, 25, 114-123.	7.5	60
3	HACC. <i>Communications of the ACM</i> , 2016, 60, 97-104.	4.5	51
4	Accelerating I/O Forwarding in IBM Blue Gene/P Systems. , 2010, , .		26
5	The global lambda visualization facility: An international ultra-high-definition wide-area visualization collaboratory. <i>Future Generation Computer Systems</i> , 2006, 22, 964-971.	7.5	24
6	The first functional demonstration of optical virtual concatenation as a technique for achieving Terabit networking. <i>Future Generation Computer Systems</i> , 2006, 22, 876-883.	7.5	13
7	Accelerating tropical cyclone analysis using LambdaRAM, a distributed data cache over wide-area ultra-fast networks. <i>Future Generation Computer Systems</i> , 2009, 25, 184-191.	7.5	13
8	CAM03-6: AR-PIN/PDC: Flexible Advance Reservation of Intradomain and Interdomain Lightpaths. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006, , .	0.0	12
9	DIRAQ: scalable in situ data- and resource-aware indexing for optimized query performance. <i>Cluster Computing</i> , 2014, 17, 1101-1119.	5.0	11
10	Towards Terabit/s Systems: Performance Evaluation of Multi-Rail Systems. , 2007, , .		7
11	Scalable in situ scientific data encoding for analytical query processing. , 2013, , .		6
12	Specification and Verification of LambdaRAM; A Wide-area Distributed Cache for High Performance Computing. , 2008, , .		5
13	LambdaBridge: A Scalable Architecture for Future Generation Terabit Applications. , 2006, , .		4
14	Early Investigations into Using a Remote RAM Pool with the v3 Visualization Framework. , 2016, , .		3