

# Anand Sivasubramaniam

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

599  
citations

1163117

8  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	DRPM. , 2003, , .		229
2	A CFD-Based Tool for Studying Temperature in Rack-Mounted Servers. IEEE Transactions on Computers, 2008, 57, 1129-1142.	3.4	53
3	Automatic generation of energy conservation measures in buildings using genetic algorithms. Energy and Buildings, 2011, 43, 2718-2726.	6.7	52
4	Xen and Co.: Communication-Aware CPU Management in Consolidated Xen-Based Hosting Platforms. IEEE Transactions on Computers, 2009, 58, 1111-1125.	3.4	44
5	SSW: A Small-World-Based Overlay for Peer-to-Peer Search. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 735-749.	5.6	39
6	DPTree: A Balanced Tree Based Indexing Framework for Peer-to-Peer Systems. , 2006, , .		36
7	Alternatives to Coscheduling a Network of Workstations. Journal of Parallel and Distributed Computing, 1999, 59, 302-327.	4.1	26
8	Understanding the Performance-Temperature Interactions in Disk I/O of Server Workloads. , 0, , .		25
9	Energy disaggregation analysis of a supermarket chain using a facility-model. Energy and Buildings, 2015, 97, 65-76.	6.7	25
10	A simulation-based study of scheduling mechanisms for a dynamic cluster environment. , 2000, , .		14
11	GemDroid. Performance Evaluation Review, 2014, 42, 355-366.	0.6	14
12	Fast and Accurate Evaluation of Cooling in Data Centers. Journal of Electronic Packaging, Transactions of the ASME, 2015, 137, .	1.8	10
13	Generalized parallel-server fork-join queues with dynamic task scheduling. Annals of Operations Research, 2008, 160, 227-255.	4.1	9
14	Consolidating clients on back-end servers with co-location and frequency control. , 2006, , .		9
15	Distilling the Essence of Raw Video to Reduce Memory Usage and Energy at Edge Devices. , 2019, , .		7
16	ClusterSchedSim: A Unifying Simulation Framework for Cluster Scheduling Strategies. Simulation, 2004, 80, 191-206.	1.8	3
17	Supporting K nearest neighbors query on high-dimensional data in P2P systems. Frontiers of Computer Science, 2008, 2, 234-247.	0.6	3
18	Faster exploration of data centre cooling using thermal influence indices. Sustainable Computing: Informatics and Systems, 2013, 3, 120-131.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Project status: RIVER: Resource management infrastructure for consolidated hosting in virtualized data centers. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0