

# Srikanth B Yoginath

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

140  
citations

1478505

6  
h-index

1588992

8  
g-index

21  
all docs

21  
docs citations

21  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Parallel Discrete Event Simulation on Cloud/Virtual Machine Platforms. ACM Transactions on Modeling and Computer Simulation, 2015, 26, 1-26.	0.8	20
2	Parallel Vehicular Traffic Simulation using Reverse Computation-based Optimistic Execution. , 2008, , .		19
3	GPU-based Real-Time Execution of Vehicular Mobility Models in Large-Scale Road Network Scenarios. , 2009, , .		14
4	Reversible discrete event formulation and optimistic parallel execution of vehicular traffic models. International Journal of Simulation and Process Modelling, 2009, 5, 104.	0.2	12
5	Transparent runtime parallelization of the R scripting language. Journal of Parallel and Distributed Computing, 2011, 71, 157-168.	4.1	10
6	High performance statistical computing with parallel R: applications to biology and climate modelling. Journal of Physics: Conference Series, 2006, 46, 505-509.	0.4	9
7	Efficiently Scheduling Multi-Core Guest Virtual Machines on Multi-Core Hosts in Network Simulation. , 2011, , .		8
8	Taming Wild Horses: The Need for Virtual Time-Based Scheduling of VMs in Network Simulations. , 2012, , .		7
9	Scalable Cloning on Large-Scale GPU Platforms with Application to Time-Stepped Simulations on Grids. ACM Transactions on Modeling and Computer Simulation, 2018, 28, 11-26.	0.8	7
10	Interactive, graphical processing unit-based evaluation of evacuation scenarios at the state scale. Simulation, 2012, 88, 746-761.	1.8	6
11	Optimized Hypervisor Scheduler for Parallel Discrete Event Simulations on Virtual Machine Platforms. , 2013, , .		6
12	Empirical evaluation of conservative and optimistic discrete event execution on cloud and VM platforms. , 2013, , .		5
13	Performance of Point and Range Queries for In-memory Databases Using Radix Trees on GPUs. , 2016, , .		4
14	Towards high performance discrete-event simulations of smart electric grids. , 2011, , .		3
15	Virtual machine-based simulation platform for mobile ad-hoc network-based cyber infrastructure. Journal of Defense Modeling and Simulation, 2015, 12, 439-456.	1.7	3
16	Model-based Dynamic Control of Speculative Forays in Parallel Computation. Electronic Notes in Theoretical Computer Science, 2016, 327, 93-107.	0.9	2
17	Deep modeling: Circuit characterization using theory based models in a data driven framework. , 2017, , .		2
18	Runtime performance and virtual network control alternatives in VM-based high-fidelity network simulations. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Nanoscale Cluster Detection in Massive Atom Probe Tomography Data. , 2014, , .		1
20	Energy Conservation Through Cloned Execution Of Simulations. , 2019, , .		1
21	Design of a high-fidelity testing framework for secure electric grid control. , 2014, , .		0