

# Srikanth B Yoginath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1640373/publications.pdf>

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	Energy Conservation Through Cloned Execution Of Simulations. , 2019, , .		1
2	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
3	Deep modeling: Circuit characterization using theory based models in a data driven framework. , 2017, , .		2
4	Performance of Point and Range Queries for In-memory Databases Using Radix Trees on GPUs. , 2016, , .		4
5	Model-based Dynamic Control of Speculative Forays in Parallel Computation. Electronic Notes in Theoretical Computer Science, 2016, 327, 93-107.	0.9	2
6	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
7	Efficient Parallel Discrete Event Simulation on Cloud/Virtual Machine Platforms. ACM Transactions on Modeling and Computer Simulation, 2015, 26, 1-26.	0.8	20
8	Nanoscale Cluster Detection in Massive Atom Probe Tomography Data. , 2014, , .		1
9	Design of a high-fidelity testing framework for secure electric grid control. , 2014, , .		0
10	Empirical evaluation of conservative and optimistic discrete event execution on cloud and VM platforms. , 2013, , .		5
11	Optimized Hypervisor Scheduler for Parallel Discrete Event Simulations on Virtual Machine Platforms. , 2013, , .		6
12	Interactive, graphical processing unit-based evaluation of evacuation scenarios at the state scale. Simulation, 2012, 88, 746-761.	1.8	6
13	Runtime performance and virtual network control alternatives in VM-based high-fidelity network simulations. , 2012, , .		1
14	Taming Wild Horses: The Need for Virtual Time-Based Scheduling of VMs in Network Simulations. , 2012, , .		7
15	Efficiently Scheduling Multi-Core Guest Virtual Machines on Multi-Core Hosts in Network Simulation. , 2011, , .		8
16	Transparent runtime parallelization of the R scripting language. Journal of Parallel and Distributed Computing, 2011, 71, 157-168.	4.1	10
17	Towards high performance discrete-event simulations of smart electric grids. , 2011, , .		3
18	GPU-based Real-Time Execution of Vehicular Mobility Models in Large-Scale Road Network Scenarios. , 2009, , .		14

#	ARTICLE	IF	CITATIONS
19	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
20	Parallel Vehicular Traffic Simulation using Reverse Computation-based Optimistic Execution. , 2008, , .		19
21	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