Thamarai Selvi Somasundaram

List of Publications by Year
in descending order

24 papers	384 citations	1163117 8 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	407 citing authors

#	Article	IF	Citations
1	CLOUDRB: A framework for scheduling and managing High-Performance Computing (HPC) applications in science cloud. Future Generation Computer Systems, 2014, 34, 47-65.	7.5	105
2	DDoS defense system for web services in a cloud environment. Future Generation Computer Systems, 2014, 37, 37-45.	7.5	60
3	CARE Resource Broker: A framework for scheduling and supporting virtual resource management. Future Generation Computer Systems, 2010, 26, 337-347.	7.5	35
4	Semantic-based Grid Resource Discovery and its Integration with the Grid Service Broker. , 2006, , .		30
5	Competence analytics. Journal of Computers in Education, 2014, 1, 251-270.	8.3	27
6	Lifecycle Model of a Negotiation Agent: A Survey of Automated Negotiation Techniques. Group Decision and Negotiation, 2020, 29, 1239-1262.	3.3	21
7	Ontologyâ€based Grid resource management. Software - Practice and Experience, 2009, 39, 1419-1438.	3.6	18
8	Semantic-enabled CARE Resource Broker (SeCRB) for managing grid and cloud environment. Journal of Supercomputing, 2014, 68, 509-556.	3.6	16
9	Cloud monitoring and discovery service (CMDS) for IaaS resources. , 2011, , .		11
10	A Grid resource brokering strategy based on resource and network performance in Grid. Future Generation Computer Systems, 2012, 28, 491-499.	7.5	10
11	SLA enabled CARE resource broker. Future Generation Computer Systems, 2011, 27, 265-279.	7.5	8
12	A Cloud Resource Allocation Strategy Based on Fitness Based Live Migration and Clustering. Wireless Personal Communications, 2018, 98, 2943-2958.	2.7	8
13	Achieving Co-allocation through Virtualization in Grid Environment. Lecture Notes in Computer Science, 2009, , 235-243.	1.3	8
14	A distributed cloud resource management framework for High-Performance Computing (HPC) applications. , 2017, , .		7
15	Intelligent semantic discovery in virtualized grid environment. , 2011, , .		3
16	Performance Analysis of Parallel Particle Swarm Optimization Based Clustering of Students. , 2015, , .		3
17	Swarm Intelligence (SI) based profiling and scheduling of big data applications. , 2016, , .		3
18	Heuristics aware advance reservation and scheduling (HAARS) mechanism in hybrid (Grid/Cloud) environment. , 2013, , .		2

#	Article	IF	Citations
19	Failure-aware resource provisioning mechanism in cloud infrastructure. , 2014, , .		2
20	A framework for scheduling and managing big data applications in a distributed infrastructure. , 2015, , .		2
21	Determination of competency of programmers by classification and ranking using AHP. , 2015, , .		2
22	Double Q–learning Agent for Othello Board Game. , 2018, , .		2
23	Virtual machine placement optimization in SDN-aware federated clouds. , 2015, , .		1
24	RISVG: Resource information system for virtualization enabled grid. , 2010, , .		0