Liuhua

List of Publications by Year
in descending order

19 papers	438 citations	1478505 6 h-index	1720034 7 g-index
19 all docs	19 docs citations	19 times ranked	449 citing authors

#	Article	IF	Citations
1	A Resource-Efficient Predictive Resource Provisioning System in Cloud Systems. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3886-3900.	5.6	6
2	Stochastic Load Balancing for Virtual Resource Management in Datacenters. IEEE Transactions on Cloud Computing, 2020, 8, 459-472.	4.4	91
3	Towards Green Cloud Computing: Demand Allocation and Pricing Policies for Cloud Service Brokerage. IEEE Transactions on Big Data, 2019, 5, 238-251.	6.1	19
4	CompVM: A Complementary VM Allocation Mechanism for Cloud Systems. IEEE/ACM Transactions on Networking, 2018, 26, 1348-1361.	3.8	18
5	Energy-efficient Tasks Scheduling Heuristics with Multi-constraints in Virtualized Clouds. Journal of Grid Computing, 2018, 16, 459-475.	3.9	21
6	Resource Demand Misalignment: An Important Factor to Consider for Reducing Resource Over-Provisioning in Cloud Datacenters. IEEE/ACM Transactions on Networking, 2018, 26, 1207-1221.	3.8	11
7	Considering resource demand misalignments to reduce resource over-provisioning in cloud datacenters. , 2017, , .		14
8	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. IEEE/ACM Transactions on Networking, 2017, 25, 3836-3849.	3.8	18
9	Towards resource-efficient cloud systems: Avoiding over-provisioning in demand-prediction based resource provisioning. , 2016, , .		8
10	Cache contention aware Virtual Machine placement and migration in cloud datacenters. , 2016, , .		18
11	Goodbye to Fixed Bandwidth Reservation: Job Scheduling with Elastic Bandwidth Reservation in Clouds. , 2016, , .		14
12	CORP: Cooperative Opportunistic Resource Provisioning for Short-Lived Jobs in Cloud Systems. , 2016, , .		18
13	Probabilistic demand allocation for cloud service brokerage. , 2016, , .		17
14	Towards green cloud computing: Demand allocation and pricing policies for cloud service brokerage. , 2015, , .		8
15	Profiling and Understanding Virtualization Overhead in Cloud. , 2015, , .		20
16	EcoFlow: An Economical and Deadline-Driven Inter-datacenter Video Flow Scheduling System. , 2015, , .		0
17	Distributed Autonomous Virtual Resource Management in Datacenters Using Finite-Markov Decision Process. , 2014, , .		20
18	Consolidating complementary VMs with spatial/temporal-awareness in cloud datacenters. , 2014, , .		72

#	Article	IF	Citations
19	RIAL: Resource Intensity Aware Load balancing in clouds. , 2014, , .		45