Robert Birke

List of Publications by Year in descending order

18 papers	**329** citations	1307594 **7** h-index	1281871 **11** g-index
18 all docs	**18** docs citations	**18** times ranked	**403** citing authors

#	Article	IF	Citations
1	sPARE: Partial Replication for Multi-Tier Applications in the Cloud. IEEE Transactions on Services Computing, 2021, 14, 574-588.	4.6	1
2	Guest Editorial: Special Section on Embracing Artificial Intelligence for Network and Service Management. IEEE Transactions on Network and Service Management, 2021, 18, 3936-3941.	4.9	4
3	Spatialâ€"Temporal Prediction Models for Active Ticket Managing in Data Centers. IEEE Transactions on Network and Service Management, 2018, 15, 39-52.	4.9	17
4	Cutting Latency Tail: Analyzing and Validating Replication without Canceling. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3128-3141.	5.6	9
5	Dual Scaling VMs and Queries: Cost-Effective Latency Curtailment. , 2017, , .		7
6	Bringing 5G into Rural and Low-Income Areas: Is It Feasible?. IEEE Communications Standards Magazine, 2017, 1, 50-57.	4.9	90
7	Effective Capacity Modulation as an Explicit Control Knob for Public Cloud Profitability. , 2016, , .		22
8	Virtualization in the Private Cloud: State of the Practice. IEEE Transactions on Network and Service Management, 2016, 13, 608-621.	4.9	12
9	A simulation framework for priority scheduling on heterogeneous clusters. Future Generation Computer Systems, 2015, 52, 37-48.	7.5	1
10	Demystifying Casualties of Evictions in Big Data Priority Scheduling. Performance Evaluation Review, 2015, 42, 12-21.	0.6	12
11	On Energyaware Allocation and Execution for Batch and Interactive MapReduce. Performance Evaluation Review, 2015, 42, 22-30.	0.6	0
12	When Virtual Meets Physical at the Edge. Performance Evaluation Review, 2015, 43, 403-415.	0.6	2
13	State-of-the-practice in data center virtualization: Toward a better understanding of VM usage. , 2013, , .		44
14	Usage patterns in multi-tenant data centers. , 2012, , .		9
15	A delay-based aggregate rate control for P2P streaming systems. Computer Communications, 2012, 35, 2237-2244.	5.1	7
16	Data Centers in the Cloud: A Large Scale Performance Study. , 2012, , .		44
17	Architecture of a network-aware P2P-TV application: the NAPA-WINE approach. IEEE Communications Magazine, 2011, 49, 154-163.	6.1	31
18	Experiences of VoIP traffic monitoring in a commercial ISP. International Journal of Network Management, 2010, 20, 339-359.	2.2	17