Mohammad Shahrad

List of Publications by Year
in descending order

18 papers	377 citations	1937685 4 h-index	1872680 6 g-index
18 all docs	18 docs citations	18 times ranked	265 citing authors

#	Article	IF	Citations
1	Architectural Implications of Function-as-a-Service Computing. , 2019, , .		106
2	OpenPiton. , 2016, , .		102
3	OpenPiton. ACM SIGPLAN Notices, 2016, 51, 217-232.	0.2	30
4	Power and Energy Characterization of an Open Source 25-Core Manycore Processor. , 2018, , .		21
5	Piton: A Manycore Processor for Multitenant Clouds. IEEE Micro, 2017, 37, 70-80.	1.8	16
6	Incentivizing self-capping to increase cloud utilization. , 2017, , .		15
7	Isocotoin suppresses hepatitis E virus replication through inhibition of heat shock protein 90. Antiviral Research, 2021, 185, 104997.	4.1	15
8	Burstable Instances for Clouds: Performance Modeling, Equilibrium Analysis, and Revenue Maximization. , 2019, , .		13
9	On Merits and Viability of Multi-Cloud Serverless. , 2021, , .		13
10	Availability Knob. , 2016, , .		12
11	Acoustic Denial of Service Attacks on Hard Disk Drives. , 2018, , .		11
12	OpenPiton at 5: A Nexus for Open and Agile Hardware Design. IEEE Micro, 2020, 40, 22-31.	1.8	9
13	Burstable Instances for Clouds: Performance Modeling, Equilibrium Analysis, and Revenue Maximization. IEEE/ACM Transactions on Networking, 2020, 28, 2489-2502.	3.8	5
14	Provisioning Differentiated Last-Level Cache Allocations to VMs in Public Clouds. , 2021, , .		3
15	TTCN: A new approach for low-power split-row LDPC decoders. , 2015, , .		2
16	Piton: A 25-core academic manycore research processor. , 2016, , .		2
17	OpenPiton. Communications of the ACM, 2019, 62, 79-87.	4.5	2
18	Symmetric split-row LDPC decoders. , 2017, , .		0