Mohammad Alian

List of Publications by Year
in descending order

14 papers	**206** citations	3311381 **1** h-index	2917675 **2** g-index
14 all docs	**14** docs citations	**14** times ranked	**170** citing authors

#	Article	IF	Citations
1	A Network-Centric Hardware/Algorithm Co-Design to Accelerate Distributed Training of Deep Neural Networks. , 2018, , .		47
2	Planaria: Dynamic Architecture Fission for Spatial Multi-Tenant Acceleration of Deep Neural Networks. , 2020, , .		42
3	Application-Transparent Near-Memory Processing Architecture with Memory Channel Network. , 2018, , .		36
4	<italic>pd-gem5</italic>: Simulation Infrastructure for Parallel/Distributed Computer Systems. IEEE Computer Architecture Letters, 2016, 15, 41-44.	1.5	25
5	NetDIMM. , 2019, , .		14
6	NCAP: Network-Driven, Packet Context-Aware Power Management for Client-Server Architecture. , 2017, , .		13
7	Donâ€™t Forget the I/O When Allocating Your LLC. , 2021, , .		12
8	Data Direct I/O Characterization for Future I/O System Exploration. , 2020, , .		7
9	Simulating PCI-Express Interconnect for Future System Exploration. , 2018, , .		4
10	3D-Xpath. , 2018, , .		3
11	Janus. , 2017, , .		1
12	VIP. , 2018, , .		1
13	IDIO: Orchestrating Inbound Network Data on Server Processors. IEEE Computer Architecture Letters, 2020, , 1-1.	1.5	1
14	Semi-Coherent DMA: An Alternative I/O Coherency Management for Embedded Systems. IEEE Computer Architecture Letters, 2018, 17, 221-224.	1.5	0