

Yifan Sun

List of Publications by Year in descending order

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31
papers

449
citations

1684188

5
h-index

1872680

6
g-index

34
all docs

34
docs citations

34
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Hetero-mark, a benchmark suite for CPU-GPU collaborative computing. , 2016, , .		64
2	MGPUSim. , 2019, , .		49
3	Mapping the Landscape of COVID-19 Crisis Visualizations. , 2021, , .		38
4	Enabling emergency communication through a cognitive radio vehicular network. , 2014, 52, 68-75.		31
5	A comprehensive performance analysis of HSA and OpenCL 2.0. , 2016, , .		24
6	Profiling DNN Workloads on a Volta-based DGX-1 System. , 2018, , .		22
7	Evaluating Performance Tradeoffs on the Radeon Open Compute Platform. , 2018, , .		21
8	Accessing Spectrum Databases Using Interference Alignment in Vehicular Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 263-272.	6.3	19
9	Griffin: Hardware-Software Support for Efficient Page Migration in Multi-GPU Systems. , 2020, , .		19
10	The internet underwater. , 2013, , .		17
11	UMH. Transactions on Architecture and Code Optimization, 2016, 13, 1-25.	2.0	16
12	Characterizing the Microarchitectural Implications of a Convolutional Neural Network (CNN) Execution on GPUs. , 2018, , .		15
13	GNNMark: A Benchmark Suite to Characterize Graph Neural Network Training on GPUs. , 2021, , .		15
14	Priority-Based PCIe Scheduling for Multi-Tenant Multi-GPU Systems. IEEE Computer Architecture Letters, 2019, 18, 157-160.	1.5	13
15	Effects of trust-based decision making in disrupted supply chains. PLoS ONE, 2020, 15, e0224761.	2.5	13
16	Valkyrie. , 2020, , .		11
17	Shifting Trust: Examining How Trust and Distrust Emerge, Transform, and Collapse in COVID-19 Information Seeking. , 2022, , .		11
18	Introducing Gamettes: A Playful Approach for Capturing Decision-Making for Informing Behavioral Models. , 2020, , .		10

#	ARTICLE	IF	CITATIONS
19	A hybrid MAC protocol with channel-dependent optimized scheduling for clustered underwater acoustic sensor networks. , 2013, , .		9
20	Exploiting Adaptive Data Compression to Improve Performance and Energy-Efficiency of Compute Workloads in Multi-GPU Systems. , 2019, , .		8
21	Airavat: Improving energy efficiency of heterogeneous applications. , 2018, , .		7
22	Modeling player decisions in a supply chain game. , 2016, , .		5
23	Spartan: A Sparsity-Adaptive Framework to Accelerate Deep Neural Network Training on GPUs. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2448-2463.	5.6	5
24	AN INTEGRATED SIMULATION FRAMEWORK FOR EXAMINING RESILIENCY IN PHARMACEUTICAL SUPPLY CHAINS CONSIDERING HUMAN BEHAVIORS. , 2018, , .		4
25	Daisen: A Framework for Visualizing Detailed GPU Execution. Computer Graphics Forum, 2021, 40, 239-250.	3.0	2
26	Moka: Model-based concurrent kernel analysis. , 2017, , .		0
27	Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761.		0
28	Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761.		0
29	Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761.		0
30	Effects of trust-based decision making in disrupted supply chains. , 2020, 15, e0224761.		0
31	Understanding wafer-scale GPU performance using an architectural simulator. , 2022, , .		0