

Daniel Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4969992/publications.pdf>

Version: 2024-02-01

31
papers

473
citations

1478505

6
h-index

1588992

8
g-index

32
all docs

32
docs citations

32
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	PowerMorph: QoS-Aware Server Power Reshaping for Data Center Regulation Service. Transactions on Architecture and Code Optimization, 2022, 19, 1-27.	2.0	2
2	BlockMaestro: Enabling Programmer-Transparent Task-based Execution in GPU Systems. , 2021, , .		8
3	PAVER. Transactions on Architecture and Code Optimization, 2021, 18, 1-26.	2.0	15
4	MAPA. , 2021, , .		7
5	ICAP: Designing Inrush Current Aware Power Gating Switch for GPGPU. , 2021, , .		0
6	Energy Efficient Task Graph Execution Using Compute Unit Masking in GPUs. , 2021, , .		1
7	High-Performance Parallel Radix Sort on FPGA. , 2020, , .		4
8	GPU-NEST: Characterizing Energy Efficiency of Multi-GPU Inference Servers. IEEE Computer Architecture Letters, 2020, 19, 139-142.	1.5	26
9	BOW: Breathing Operand Windows to Exploit Bypassing in GPUs. , 2020, , .		7
10	Speeding up Collective Communications Through Inter-GPU Re-Routing. IEEE Computer Architecture Letters, 2019, 18, 128-131.	1.5	8
11	Frequency regulation service provision in data center with computational flexibility. Applied Energy, 2019, 251, 113304.	10.1	18
12	CORF. , 2019, , .		15
13	1/4DPM: Dynamic Power Management for the Microsecond Era. , 2019, , .		21
14	Locality-Aware GPU Register File. IEEE Computer Architecture Letters, 2019, 18, 153-156.	1.5	6
15	Load-Triggered Warp Approximation on GPU. , 2018, , .		6
16	Joint Server and Network Energy Saving in Data Centers for Latency-Sensitive Applications. , 2018, , .		13
17	Wireframe. , 2017, , .		24
18	STOMP: Statistical Techniques for Optimizing and Modeling Performance of Blocked Sparse Matrix Vector Multiplication. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Approximating warps with intra-warp operand value similarity. , 2016, , .		33
20	Invited - Cross-layer modeling and optimization for electromigration induced reliability. , 2016, , .		5
21	DynSleep. , 2016, , .		22
22	Origami. , 2016, , .		8
23	Peak Efficiency Aware Scheduling for Highly Energy Proportional Servers. , 2016, , .		24
24	Peak efficiency aware scheduling for highly energy proportional servers. Computer Architecture News, 2016, 44, 481-492.	2.5	7
25	A Retrospective Look Back on the Road Towards Energy Proportionality. , 2015, , .		4
26	Implications of high energy proportional servers on cluster-wide energy proportionality. , 2014, , .		24
27	Scaling the Energy Proportionality Wall with KnightShift. IEEE Micro, 2013, 33, 28-37.	1.8	11
28	Warped gates. , 2013, , .		48
29	KnightShift: Scaling the Energy Proportionality Wall through Server-Level Heterogeneity. , 2012, , .		77
30	Implementing games on pinball machines. , 2010, , .		3
31	Adaptive and Speculative Slack Simulations of CMPs on CMPs. , 2010, , .		25