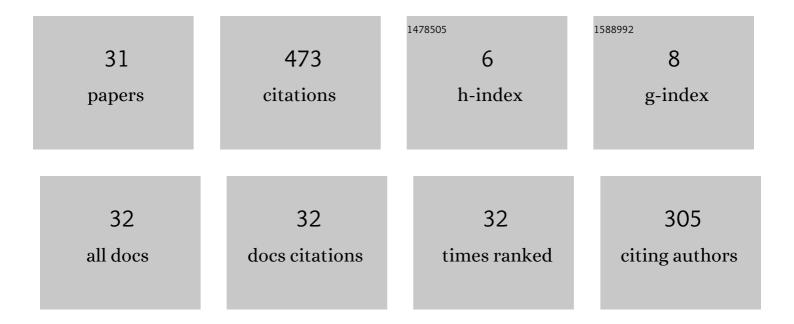
Daniel Wong

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	KnightShift: Scaling the Energy Proportionality Wall through Server-Level Heterogeneity. , 2012, , .		77
2	Warped gates. , 2013, , .		48
3	Approximating warps with intra-warp operand value similarity. , 2016, , .		33
4	GPU-NEST: Characterizing Energy Efficiency of Multi-GPU Inference Servers. IEEE Computer Architecture Letters, 2020, 19, 139-142.	1.5	26
5	Adaptive and Speculative Slack Simulations of CMPs on CMPs. , 2010, , .		25
6	Implications of high energy proportional servers on cluster-wide energy proportionality. , 2014, , .		24
7	Peak Efficiency Aware Scheduling for Highly Energy Proportional Servers. , 2016, , .		24
8	Wireframe. , 2017, , .		24
9	DynSleep. , 2016, , .		22
10	μDPM: Dynamic Power Management for the Microsecond Era. , 2019, , .		21
11	Frequency regulation service provision in data center with computational flexibility. Applied Energy, 2019, 251, 113304.	10.1	18
12	CORF., 2019,,.		15
13	PAVER. Transactions on Architecture and Code Optimization, 2021, 18, 1-26.	2.0	15
14	Joint Server and Network Energy Saving in Data Centers for Latency-Sensitive Applications. , 2018, , .		13
15	Scaling the Energy Proportionality Wall with KnightShift. IEEE Micro, 2013, 33, 28-37.	1.8	11
16	Origami. , 2016, , .		8
17	Speeding up Collective Communications Through Inter-GPU Re-Routing. IEEE Computer Architecture Letters, 2019, 18, 128-131.	1.5	8
18	BlockMaestro: Enabling Programmer-Transparent Task-based Execution in GPU Systems. , 2021, , .		8

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#	Article	IF	CITATIONS
19	BOW: Breathing Operand Windows to Exploit Bypassing in GPUs. , 2020, , .		7
20	Peak efficiency aware scheduling for highly energy proportional servers. Computer Architecture News, 2016, 44, 481-492.	2.5	7
21	MAPA., 2021,,.		7
22	Load-Triggered Warp Approximation on GPU. , 2018, , .		6
23	Locality-Aware GPU Register File. IEEE Computer Architecture Letters, 2019, 18, 153-156.	1.5	6
24	Invited - Cross-layer modeling and optimization for electromigration induced reliability. , 2016, , .		5
25	A Retrospective Look Back on the Road Towards Energy Proportionality. , 2015, , .		4
26	High-Performance Parallel Radix Sort on FPGA. , 2020, , .		4
27	Implementing games on pinball machines. , 2010, , .		3
28	PowerMorph: QoS-Aware Server Power Reshaping for Data Center Regulation Service. Transactions on Architecture and Code Optimization, 2022, 19, 1-27.	2.0	2
29	STOMP: Statistical Techniques for Optimizing and Modeling Performance of Blocked Sparse Matrix Vector Multiplication. , 2016, , .		1
30	Energy Efficient Task Graph Execution Using Compute Unit Masking in GPUs. , 2021, , .		1
31	ICAP: Designing Inrush Current Aware Power Gating Switch for GPGPU. , 2021, , .		0