

# Yizhuo Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3012051/publications.pdf>

Version: 2024-02-01

16  
papers

121  
citations

2258059

3  
h-index

2053705

5  
g-index

16  
all docs

16  
docs citations

16  
times ranked

90  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse Matrix Format Selection with Multiclass SVM for SpMV on GPU. , 2016, , .		44
2	Fast Piecewise Polynomial Fitting of Time-Series Data for Streaming Computing. IEEE Access, 2020, 8, 43764-43775.	4.2	13
3	Machine Learning Approach for the Predicting Performance of SpMV on GPU. , 2016, , .		10
4	Computationally efficient locality-aware interconnection topology for multi-processor system-on-chip (MP-SoC). Science Bulletin, 2010, 55, 3363-3371.	1.7	9
5	A Novel Adaptive Scratchpad Memory Management Strategy. , 2009, , .		8
6	Sparse matrix partitioning for optimizing SpMV on CPU-GPU heterogeneous platforms. International Journal of High Performance Computing Applications, 2020, 34, 66-80.	3.7	8
7	A fault tolerant self-scheduling scheme for parallel loops on shared memory systems. , 2012, , .		7
8	An enforcement of real time scheduling in Spark Streaming. , 2015, , .		7
9	A Work-Stealing Scheduling Framework Supporting Fault Tolerance. , 2013, , .		6
10	TaiChi: A Hybrid Compression Format for Binary Sparse Matrix-Vector Multiplication on GPU. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3732-3745.	5.6	4
11	CFPA-Net: Cross-layer Feature Fusion And Parallel Attention Network For Detection And Classification of Prohibited Items in X-ray Baggage Images. , 2021, , .		2
12	A Novel Image Compression Architecture with proficient Layered scenario. , 2006, , .		1
13	Exploiting Task-Based Parallelism for Parallel Discrete Event Simulation. , 2018, , .		1
14	Ontology-based code snippets management in a cloud environment. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2971-2985.	4.9	1
15	Energy evaluation of Sparse Matrix-Vector Multiplication on GPU. , 2016, , .		0
16	AMF-CSR: Adaptive Multi-Row Folding of CSR for SpMV on GPU. , 2021, , .		0