

# Yongwei Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5578993/publications.pdf>

Version: 2024-02-01

63  
papers

650  
citations

1051969

10  
h-index

889612

19  
g-index

63  
all docs

63  
docs citations

63  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Garbage collection and data recovery for N2DB. Tsinghua Science and Technology, 2022, 27, 630-641.	4.1	1
2	Multi-Clock Snapshot Isolation Concurrency Control for NVM Database. Tsinghua Science and Technology, 2022, 27, 925-938.	4.1	0
3	A Survey of Storage Systems in the RDMA Era. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4395-4409.	4.0	2
4	3-D Partitioning for Large-Scale Graph Processing. IEEE Transactions on Computers, 2021, 70, 111-127.	2.4	2
5	Random Walks on Huge Graphs at Cache Efficiency. , 2021, , .		10
6	AsymNVM. , 2020, , .		24
7	Clip: A Disk I/O Focused Parallel Out-of-Core Graph Processing System. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 45-62.	4.0	5
8	RF-RPC: Remote Fetching RPC Paradigm for RDMA-Enabled Network. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1657-1671.	4.0	8
9	X-RDMA: Effective RDMA Middleware in Large-scale Production Environments. , 2019, , .		7
10	Principal Component Analysis Based Filtering for Scalable, High Precision k-NN Search. IEEE Transactions on Computers, 2018, 67, 252-267.	2.4	10
11	Accelerating MapReduce on Commodity Clusters: An SSD-Empowered Approach. IEEE Transactions on Big Data, 2018, 4, 396-407.	4.4	2
12	Enabling Edge Intelligence for Activity Recognition in Smart Homes. , 2018, , .		17
13	RFP. , 2017, , .		46
14	HybridFS " A High Performance and Balanced File System Framework with Multiple Distributed File Systems. , 2017, , .		2
15	PROAR: A Weak Consistency Model for Ceph. , 2016, , .		2
16	Measuring and optimizing distributed array programs. Proceedings of the VLDB Endowment, 2016, 9, 912-923.	2.1	12
17	PCAF: Scalable, High Precision k-NN Search Using Principal Component Analysis Based Filtering. , 2016, , .		1
18	Top-k spatio-textual similarity join. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	Cloud Performance Modeling with Benchmark Evaluation of Elastic Scaling Strategies. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 130-143.	4.0	92
20	Top-k Spatio-Textual Similarity Join. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 551-565.	4.0	24
21	A Lightweight System for Detecting and Tolerating Concurrency Bugs. IEEE Transactions on Software Engineering, 2016, 42, 899-917.	4.3	7
22	&lt;sc&gt;Heads-Join:&lt;/sc&gt; Efficient Earth Mover's Distance Similarity Joins on Hadoop. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1660-1673.	4.0	15
23	Flex: Flexible and Energy Efficient Scheduling for Big Data Storage. , 2015, , .		0
24	Fixing, preventing, and recovering from concurrency bugs. Science China Information Sciences, 2015, 58, 1-18.	2.7	8
25	Al: a lightweight system for tolerating concurrency bugs. , 2014, , .		10
26	Analysis of Backward Congestion Notification with Delay for Enhanced Ethernet Networks. IEEE Transactions on Computers, 2014, 63, 2674-2684.	2.4	8
27	Guarantee Strict Fairness and Utilize Prediction Better in Parallel Job Scheduling. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 971-981.	4.0	14
28	Attribute-Aware Data Aggregation Using Potential-Based Dynamic Routing in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 881-892.	4.0	59
29	A Hybrid Remapping Scheme for Model Coupling: Fill the Gap between Scheme Design and Application. , 2013, , .		0
30	&amp;#x00B5;LibCloud: Providing High Available and Uniform Accessing to Multiple Cloud Storages. , 2012, , .		15
31	Improving the System Capacity by Client Cooperation in Distributed File Service. , 2012, , .		0
32	Making Service Granularity Right: An Assistant Approach Based on Business Process Analysis. , 2011, , .		3
33	Task Optimization Based on CPU Pipeline Technique in Multicore System. , 2011, , .		0
34	FastDu: Efficient directory summaries harvest by tracking file system changes. Tsinghua Science and Technology, 2011, 16, 337-343.	4.1	0
35	Automatically constructing trusted cluster computing environment. Journal of Supercomputing, 2011, 55, 51-68.	2.4	3
36	Optimizing write operation on replica in data grid. Science China Information Sciences, 2011, 54, 1-11.	2.7	13

#	ARTICLE	IF	CITATIONS
37	Service-oriented execution model supporting data sharing and adaptive query processing. Cluster Computing, 2010, 13, 127-140.	3.5	0
38	An adaptive task-level fault-tolerant approach to Grid. Journal of Supercomputing, 2010, 51, 97-114.	2.4	5
39	Improving grid performance by dynamically deploying applications. Concurrency Computation Practice and Experience, 2010, 22, 1945-1967.	1.4	1
40	Enabling Cloud Storage to Support Traditional Applications. , 2010, , .		15
41	Adaptive Workload Prediction of Grid Performance in Confidence Windows. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 925-938.	4.0	54
42	GridTDK: A Grid Transaction Development Kit. , 2010, , .		0
43	Task Partition Comparison between Multi-core System and GPU. , 2010, , .		2
44	A Knowledge-based Continuous Double Auction Model for Cloud Market. , 2010, , .		19
45	Horde: A parallel programming framework for clusters. , 2009, , .		0
46	CampusWare: An Easy-to-Use, Efficient and Portable Grid Middleware for Compute-Intensive Applications. , 2009, , .		0
47	Campus Cloud for Data Storage and Sharing. , 2009, , .		4
48	Adaptive Hybrid Model for Long Term Load Prediction in Computational Grid. , 2008, , .		18
49	End-to-End Congestion Control for High Speed Networks Based on Population Ecology Models. , 2008, , .		3
50	ZettaDS: A Light-weight Distributed Storage System for Cluster. , 2008, , .		10
51	Component Based Legacy Program Executing over Grid. , 2007, , .		1
52	Load prediction using hybrid model for computational grid. , 2007, , .		45
53	A Component Based Interoperability Solution over Existing Grid Middleware. , 2007, , .		0
54	Adapting to Application Workflow in Processing Data Integration Queries. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
55	Analysis of the bioinformatics grid technique applications in China. , 2006, , .		1
56	Grid Enabled Data Integration Framework for Bioinformatics Research. , 2006, , .		2
57	Execution Management in ChinaGrid Supporting Platform. , 2006, , .		0
58	UGE4B: An Universal Grid Environment for Bioinformatics Research. , 2006, , .		0
59	On Interoperability: The Execution Management Perspective Based on ChinaGrid Support Platform*. , 2006, , .		1
60	General Running Service: An Execution Framework for Executing Legacy Program on Grid. , 2006, , .		7
61	Grid Computing in China. Journal of Grid Computing, 2004, 2, 193-206.	2.5	25
62	Grid computing pool and its framework. , 0, , .		0
63	Parallel Algorithm and Implementation for Realtime Dynamic Simulation of Power System. , 0, , .		11