

# Huan Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8291401/publications.pdf>

Version: 2024-02-01

31  
papers

436  
citations

932766

10  
h-index

940134

16  
g-index

33  
all docs

33  
docs citations

33  
times ranked

323  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Blockchain based Witness Model for Trustworthy Cloud Service Level Agreement Enforcement. , 2019, , .		66
2	Concurrent container scheduling on heterogeneous clusters with multi-resource constraints. Future Generation Computer Systems, 2020, 102, 562-573.	4.9	47
3	Planning virtual infrastructures for time critical applications with multiple deadline constraints. Future Generation Computer Systems, 2017, 75, 365-375.	4.9	34
4	Distributed service-level agreement management with smart contracts and blockchain. Concurrency Computation Practice and Experience, 2021, 33, e5800.	1.4	33
5	Time-critical data management in clouds: Challenges and a Dynamic Real-Time Infrastructure Planner (DRIP) solution. Concurrency Computation Practice and Experience, 2020, 32, e5269.	1.4	31
6	Trustworthy Cloud Service Level Agreement Enforcement with Blockchain Based Smart Contract. , 2018, , .		26
7	Operating Permissioned Blockchain in Clouds: A Performance Study of Hyperledger Sawtooth. , 2019, , .		20
8	Deadline-Aware Deployment for Time Critical Applications in Clouds. Lecture Notes in Computer Science, 2017, , 345-357.	1.0	20
9	CloudsStorm: A framework for seamlessly programming and controlling virtual infrastructure functions during the DevOps lifecycle of cloud applications. Software - Practice and Experience, 2019, 49, 1421-1447.	2.5	18
10	A Blockchain-Based Medical Data Sharing Mechanism with Attribute-Based Access Control and Privacy Protection. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	0.8	17
11	ECSSched: Efficient Container Scheduling on Heterogeneous Clusters. Lecture Notes in Computer Science, 2018, , 365-377.	1.0	15
12	Dynamic Real-Time Infrastructure Planning and Deployment for Disaster Early Warning Systems. Lecture Notes in Computer Science, 2018, , 644-654.	1.0	13
13	Trusted audit with untrusted auditors: A decentralized data integrity Crowdauditing approach based on blockchain. International Journal of Intelligent Systems, 2021, 36, 6213-6239.	3.3	12
14	Fast Resource Co-provisioning for Time Critical Applications Based on Networked Infrastructures. , 2016, , .		11
15	Enforcing trustworthy cloud SLA with witnesses: A game theory-based model using smart contracts. Concurrency Computation Practice and Experience, 2021, 33, e5511.	1.4	10
16	SmartStore: A blockchain and clustering based intelligent edge storage system with fairness and resilience. International Journal of Intelligent Systems, 2021, 36, 5184-5209.	3.3	10
17	CloudsStorm: An Application-Driven Framework to Enhance the Programmability and Controllability of Cloud Virtual Infrastructures. Lecture Notes in Computer Science, 2018, , 265-280.	1.0	10
18	Fast and Dynamic Resource Provisioning for Quality Critical Cloud Applications. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
19	An Auction and Witness Enhanced Trustworthy SLA Model for Decentralized Cloud Marketplaces. , 2021, , .		6
20	T-IP: A self-trustworthy and secure Internet protocol. China Communications, 2018, 15, 1-14.	2.0	5
21	Automatic Collector for Dynamic Cloud Performance Information. , 2017, , .		4
22	Building a blockchain-based decentralized ecosystem for cloud and edge computing: an ALLSTAR approach and empirical study. Peer-to-Peer Networking and Applications, 2021, 14, 3578-3594.	2.6	4
23	An efficient identity-based key agreement protocol in a multiple PKG environment. Wuhan University Journal of Natural Sciences, 2014, 19, 455-460.	0.2	3
24	Trust Model for Cloud Systems with Self Variance Evaluation. , 2014, , 283-309.		3
25	Deadline-Aware Coflow Scheduling in a DAG. , 2017, , .		3
26	An Automated Customization and Performance Profiling Framework for Permissioned Blockchains in a Virtualized Environment. , 2019, , .		3
27	Empowering Dynamic Task-Based Applications with Agile Virtual Infrastructure Programmability. , 2018, , .		2
28	A General Self-Adaptive Reputation System Based on the Kalman Feedback. , 2013, , .		0
29	Migrating Live Streaming Applications onto Clouds: Challenges and a CloudStorm Solution. , 2018, , .		0
30	ALLSTAR: A Blockchain Based Decentralized Ecosystem for Cloud and Edge Computing. , 2020, , .		0
31	Co-located and Orchestrated Network Fabric (CONF): An Automated Cloud Virtual Infrastructure for Social Network Applications. Lecture Notes in Computer Science, 2020, , 464-475.	1.0	0