Huan Zhou

List of Publications by Year
in descending order

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	Distributed service‐level agreement management with smart contracts and blockchain. Concurrency Computation Practice and Experience, 2021, 33, e5800.	1.4	33
2	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
3	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
4	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
5	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
6	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
7	An Auction and Witness Enhanced Trustworthy SLA Model for Decentralized Cloud Marketplaces. , 2021, , .		6
8	Concurrent container scheduling on heterogeneous clusters with multi-resource constraints. Future Generation Computer Systems, 2020, 102, 562-573.	4.9	47
9	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
10	ALLSTAR: A Blockchain Based Decentralized Ecosystem for Cloud and Edge Computing. , 2020, , .		0
11	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
12	Operating Permissioned Blockchain in Clouds: A Performance Study of Hyperledger Sawtooth. , 2019, , .		20
13	A Blockchain based Witness Model for Trustworthy Cloud Service Level Agreement Enforcement. , 2019, , .		66
14	An Automated Customization and Performance Profiling Framework for Permissioned Blockchains in a Virtualized Environment. , 2019, , .		3
15	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
16	T-IP: A self-trustworthy and secure Internet protocol. China Communications, 2018, 15, 1-14.	2.0	5
17	Migrating Live Streaming Applications onto Clouds: Challenges and a CloudStorm Solution. , 2018, , .		0
18	Trustworthy Cloud Service Level Agreement Enforcement with Blockchain Based Smart Contract. , 2018, , .		26

#	ARTICLE	IF	CITATIONS
19	Empowering Dynamic Task-Based Applications with Agile Virtual Infrastructure Programmability. , 2018, , .		2
20	Dynamic Real-Time Infrastructure Planning and Deployment for Disaster Early Warning Systems. Lecture Notes in Computer Science, 2018, , 644-654.	1.0	13
21	CloudsStorm: An Application-Driven Framework to Enhance the Programmability and Controllability ofÂCloud Virtual Infrastructures. Lecture Notes in Computer Science, 2018, , 265-280.	1.0	10
22	ECSched: Efficient Container Scheduling on Heterogeneous Clusters. Lecture Notes in Computer Science, 2018, , 365-377.	1.0	15
23	Planning virtual infrastructures for time critical applications with multiple deadline constraints. Future Generation Computer Systems, 2017, 75, 365-375.	4.9	34
24	Deadline-Aware Coflow Scheduling in a DAG. , 2017, , .		3
25	Automatic Collector for Dynamic Cloud Performance Information. , 2017, , .		4
26	Deadline-Aware Deployment for Time Critical Applications in Clouds. Lecture Notes in Computer Science, 2017, , 345-357.	1.0	20
27	Fast Resource Co-provisioning for Time Critical Applications Based on Networked Infrastructures. , 2016, , .		11
28	Fast and Dynamic Resource Provisioning for Quality Critical Cloud Applications. , 2016, , .		7
29	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
30	Trust Model for Cloud Systems with Self Variance Evaluation. , 2014, , 283-309.		3
31	A General Self-Adaptive Reputation System Based on the Kalman Feedback. , 2013, , .		0