Jiwei Huang

List of Publications by Year
in descending order

52	720	759233 12	713466 21
papers	citations	h-index	g-index

53	53	53	518
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An reinforcement learning approach for allocating software resources. Concurrency Computation Practice and Experience, 2023, 35, e6349.	2.2	0
2	QoE-DEER: A QoE-Aware Decentralized Resource Allocation Scheme for Edge Computing. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1059-1073.	7.9	5
3	Dynamic Admission Control and Resource Allocation for Mobile Edge Computing Enabled Small Cell Network. IEEE Transactions on Vehicular Technology, 2022, 71, 1964-1973.	6.3	54
4	Distributed Offloading in Overlapping Areas of Mobile-Edge Computing for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 13837-13847.	8.7	29
5	Practitionerâ€™s view of the success factors for software outsourcing partnership formation: an empirical exploration. Empirical Software Engineering, 2022, 27, 1.	3.9	5
6	Analyzing the interactions among factors affecting cloud adoption for software testing: a two-stage ISM-ANN approach. Soft Computing, 2022, 26, 8047-8075.	3.6	13
7	Efficient Delay-Aware Task Scheduling for IoT Devices in Mobile Cloud Computing. Mobile Information Systems, 2022, 2022, 1-10.	0.6	2
8	Group task allocation approach for heterogeneous software crowdsourcing tasks. Peer-to-Peer Networking and Applications, 2021, 14, 1736-1747.	3.9	6
9	An Empirical Investigation of the Challenges of Cloud-Based ERP Adoption in Pakistani SMEs. Scientific Programming, 2021, 2021, 1-8.	0.7	7
10	Efficient Segmentation of Lymphoblast in Acute Lymphocytic Leukemia. Scientific Programming, 2021, 2021, 1-7.	0.7	2
11	A Price-Incentive Resource Auction Mechanism Balancing the Interests Between Users and Cloud Service Provider. IEEE Transactions on Network and Service Management, 2021, 18, 2030-2045.	4.9	12
12	Edge User Allocation in Overlap Areas for Mobile Edge Computing. Mobile Networks and Applications, 2021, 26, 2423-2433.	3.3	4
13	Internet of Things-Based Smart Farming Monitoring System for Bolting Reduction in Onion Farms. Scientific Programming, 2021, 2021, 1-15.	0.7	9
14	Resource Pricing and Demand Allocation for Revenue Maximization in IaaS Clouds: A Market-Oriented Approach. IEEE Transactions on Network and Service Management, 2021, 18, 3460-3475.	4.9	7
15	A Game-Based Scheme for Resource Purchasing and Pricing in MEC for Internet of Things. Security and Communication Networks, 2021, 2021, 1-10.	1.5	0
16	Model-Based Evaluation and Optimization of Dependability for Edge Computing Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 728-747.	0.3	2
17	PFPMine: A parallel approach for discovering interacting data entities in data-intensive cloud workflows. Future Generation Computer Systems, 2020, 113, 474-487.	7.5	3
18	Deploying GIS Services into the Edge: A Study from Performance Evaluation and Optimization Viewpoint. Security and Communication Networks, 2020, 2020, 1-13.	1.5	2

#	Article	IF	Citations
19	An Iterative Feedback Mechanism for Auto-Optimizing Software Resource Allocation in Multi-Tier Web Systems. , 2020, , .		1
20	Fuzzy Multicriteria Decision-Making Approach for Measuring the Possibility of Cloud Adoption for Software Testing. Scientific Programming, 2020, 2020, 1-24.	0.7	13
21	A Simulation-Based Optimization Approach for Reliability-Aware Service Composition in Edge Computing. IEEE Access, 2020, 8, 50355-50366.	4.2	21
22	Revenue-optimal task scheduling and resource management for IoT batch jobs in mobile edge computing. Peer-to-Peer Networking and Applications, 2020, 13, 1776-1787.	3.9	54
23	A framework for modelling structural association amongst barriers to software outsourcing partnership formation: An interpretive structural modelling approach. Journal of Software: Evolution and Process, 2020, 32, e2243.	1.6	10
24	A Multiâ€queue Approach of Energy Efficient Task Scheduling for Sensor Hubs. Chinese Journal of Electronics, 2020, 29, 242-247.	1.5	53
25	Barriers to Software Outsourcing Partnership Formation: An Exploratory Analysis. IEEE Access, 2019, 7, 164556-164594.	4.2	16
26	FASS: A Fairness-Aware Approach for Concurrent Service Selection with Constraints. , 2019, , .		4
27	Multi-Objective Service Composition with QoS Dependencies. IEEE Transactions on Cloud Computing, 2019, 7, 537-552.	4.4	30
28	A Simulation-Based Approach of QoS-Aware Service Selection in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	11
29	Thinking and methodology of multi-objective optimization. International Journal of Machine Learning and Cybernetics, 2018, 9, 2117-2127.	3.6	3
30	Performance modelling and analysis for IoT services. International Journal of Web and Grid Services, 2018, 14, 146.	0.5	9
31	Modeling and analysis of data dependencies in business process for data-intensive services. China Communications, 2017, 14, 151-163.	3.2	3
32	Real-Time Soft Resource Allocation in Multi-Tier Web Service Systems. , 2017, , .		2
33	Time-Aware Service Ranking Prediction in the Internet of Things Environment. Sensors, 2017, 17, 974.	3.8	16
34	Energy Efficient Resource Management and Task Scheduling for IoT Services in Edge Computing Paradigm. , 2017, , .		21
35	A PetriNet-Based Approach for Supporting Traceability in Cyber-Physical Manufacturing Systems. Sensors, 2016, 16, 382.	3.8	27
36	Integrating Theoretical Modeling and Experimental Measurement for Soft Resource Allocation in Multi-tier Web Systems. , 2016, , .		4

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37	Hierarchical caches in content-centric networks: modeling and analysis. Frontiers of Computer Science, 2015, 9, 846-859.	2.4	1
38	Energy Efficient Speed Scaling and Task Scheduling for Distributed Computing Systems. Chinese Journal of Electronics, 2015, 24, 468-473.	1.5	1
39	Partial Selection: An Efficient Approach for QoS-Aware Web Service Composition. , 2014, , .		21
40	Ranking Web Services with Limited and Noisy Information. , 2014, , .		4
41	Energy Efficient Dynamic Service Selection for Large-Scale Web Service Systems. , 2014, , .		10
42	Scalability of control planes for Software defined networks: Modeling and evaluation. , 2014, , .		61
43	Modeling and Analysis of Dependability Attributes for Services Computing Systems. IEEE Transactions on Services Computing, 2014, 7, 599-613.	4.6	21
44	Modeling, Analysis and Optimization of Dependability-Aware Energy Efficiency in Services Computing Systems. , 2013, , .		17
45	Agent-Based Green Web Service Selection and Dynamic Speed Scaling. , 2013, , .		15
46	Improving Energy Efficiency in Web Services. International Journal of Web Services Research, 2013, 10, 29-52.	0.8	12
47	Reliability-Aware Speed Control Policy for Energy Reduction in Server Farms. , 2012, , .		0
48	The Power of Refresh: A Novel Mechanism for Securing Low Entropy PII. , 2011, , .		1
49	Modeling and Analysis of Dependability Attributes of Service Computing Systems. , 2011, , .		17
50	Performance, Fault-Tolerance and Scalability Analysis of Virtual Infrastructure Management System. , 2009, , .		20
51	Comprehensive Analysis of Performance, Fault-Tolerance and Scalability in Grid Resource Management System. , 2009, , .		7
52	Geographical POI recommendation for Internet of Things: A federated learning approach using matrix factorization. International Journal of Communication Systems, 0, , .	2.5	51