Shangguang Wang

List of Publications by Year
in descending order

228 papers	6,458 citations	81900 39 h-index
233 all docs	233 docs citations	233 times ranked

91884 69 g-index

5222 citing authors

#	Article	IF	Citations
1	An overview of Internet of Vehicles. China Communications, 2014, 11, 1-15.	3.2	469
2	Edge server placement in mobile edge computing. Journal of Parallel and Distributed Computing, 2019, 127, 160-168.	4.1	312
3	A Survey on Service Migration in Mobile Edge Computing. IEEE Access, 2018, 6, 23511-23528.	4.2	270
4	Delay-Aware Microservice Coordination in Mobile Edge Computing: A Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2021, 20, 939-951.	5.8	217
5	An Energy-Aware Edge Server Placement Algorithm in Mobile Edge Computing. , 2018, , .		162
6	Dependency-Aware Task Scheduling in Vehicular Edge Computing. IEEE Internet of Things Journal, 2020, 7, 4961-4971.	8.7	141
7	Cloud Service Reliability Enhancement via Virtual Machine Placement Optimization. IEEE Transactions on Services Computing, 2017, 10, 902-913.	4.6	130
8	QoS prediction for service recommendations in mobile edge computing. Journal of Parallel and Distributed Computing, 2019, 127, 134-144.	4.1	122
9	A Survey on Vehicular Edge Computing: Architecture, Applications, Technical Issues, and Future Directions. Wireless Communications and Mobile Computing, 2019, 2019, 1-19.	1.2	117
10	Fog Computing: An Overview of Big IoT Data Analytics. Wireless Communications and Mobile Computing, 2018, 2018, 1-22.	1.2	116
11	Cooperative Service Caching and Workload Scheduling in Mobile Edge Computing. , 2020, , .		115
12	Towards an accurate evaluation of quality of cloud service in service-oriented cloud computing. Journal of Intelligent Manufacturing, 2014, 25, 283-291.	7.3	112
13	Provision of Data-Intensive Services Through Energy- and QoS-Aware Virtual Machine Placement in National Cloud Data Centers. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 290-300.	4.6	107
14	User allocation–aware edge cloud placement in mobile edge computing. Software - Practice and Experience, 2020, 50, 489-502.	3.6	106
15	Reputation Measurement and Malicious Feedback Rating Prevention in Web Service Recommendation Systems. IEEE Transactions on Services Computing, 2015, 8, 755-767.	4.6	105
16	A Blockchain-Enabled Trustless Crowd-Intelligence Ecosystem on Mobile Edge Computing. IEEE Transactions on Industrial Informatics, 2019, 15, 3538-3547.	11.3	102
17	A Vertical Handoff Method via Self-Selection Decision Tree for Internet of Vehicles. IEEE Systems Journal, 2016, 10, 1183-1192.	4.6	97
18	Architecture and key technologies for Internet of Vehicles: a survey. Journal of Communications and Information Networks, 2017, 2, 1-17.	5.2	93

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19	Intrusion Detection System Based on Decision Tree over Big Data in Fog Environment. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	89
20	Cost-Efficient Resource Provisioning for Dynamic Requests in Cloud Assisted Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2021, 9, 968-980.	4.4	86
21	Particle Swarm Optimization for Energy-Aware Virtual Machine Placement Optimization in Virtualized Data Centers. , 2013, , .		85
22	A Highly Accurate Prediction Algorithm for Unknown Web Service QoS Values. IEEE Transactions on Services Computing, 2016, 9, 511-523.	4.6	84
23	Particle Swarm Optimization with Skyline Operator for Fast Cloud-based Web Service Composition. Mobile Networks and Applications, 2013, 18, 116-121.	3.3	79
24	Multi-Dimensional QoS Prediction for Service Recommendations. IEEE Transactions on Services Computing, 2019, 12, 47-57.	4.6	79
25	A novel digital twin-centric approach for driver intention prediction and traffic congestion avoidance. Journal of Reliable Intelligent Environments, 2018, 4, 199-209.	5.2	75
26	Using Proactive Fault-Tolerance Approach to Enhance Cloud Service Reliability. IEEE Transactions on Cloud Computing, 2018, 6, 1191-1202.	4.4	73
27	Security modeling and efficient computation offloading for service workflow in mobile edge computing. Future Generation Computer Systems, 2019, 97, 755-774.	7.5	68
28	Offloading mobile data traffic for QoS-aware service provision in vehicular cyber-physical systems. Future Generation Computer Systems, 2016, 61, 118-127.	7.5	64
29	A Computation Offloading Algorithm Based on Game Theory for Vehicular Edge Networks. , 2018, , .		63
30	Support for spot virtual machine purchasing simulation. Cluster Computing, 2018, 21, 1-13.	5.0	62
31	Collaboration reputation for trustworthy Web service selection in social networks. Journal of Computer and System Sciences, 2016, 82, 130-143.	1.2	61
32	MVR: An Architecture for Computation Offloading in Mobile Edge Computing. , 2017, , .		60
33	On Cloud Service Reliability Enhancement with Optimal Resource Usage. IEEE Transactions on Cloud Computing, 2016, 4, 452-466.	4.4	59
34	Towards Web Service selection based on QoS estimation. International Journal of Web and Grid Services, 2010, 6, 424.	0.5	58
35	Service Composition in Cyber-Physical-Social Systems. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 82-91.	4.6	58
36	A Blockchain-Enabled Energy-Efficient Data Collection System for UAV-Assisted IoT. IEEE Internet of Things Journal, 2021, 8, 2431-2443.	8.7	58

#	Article	IF	Citations
37	Convergence of Networking and Cloud/Edge Computing: Status, Challenges, and Opportunities. IEEE Network, 2020, 34, 148-155.	6.9	56
38	Profit-Aware Edge Server Placement. IEEE Internet of Things Journal, 2022, 9, 55-67.	8.7	52
39	Air-Ground Integrated Mobile Edge Networks: A Survey. IEEE Access, 2020, 8, 125998-126018.	4.2	51
40	A geographic mobility prediction routing protocol for Ad Hoc UAV Network. , 2012, , .		50
41	A Cloud-Edge Collaboration Framework for Cognitive Service. IEEE Transactions on Cloud Computing, 2022, 10, 1489-1499.	4.4	48
42	Multi-user web service selection based on multi-QoS prediction. Information Systems Frontiers, 2014, 16, 143-152.	6.4	46
43	LMM: latency-aware micro-service mashup in mobile edge computing environment. Neural Computing and Applications, 2020, 32, 15411-15425.	5.6	45
44	An efficient task offloading scheme in vehicular edge computing. Journal of Cloud Computing: Advances, Systems and Applications, 2020, 9, .	3.9	45
45	From cloud to edge. , 2021, , .		45
46	Edgence: A blockchain-enabled edge-computing platform for intelligent IoT-based dApps. China Communications, 2020, 17, 78-87.	3.2	44
47	QoS Driven Task Offloading with Statistical Guarantee in Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	44
48	Cloud model for service selection. , 2011, , .		43
49	Efficient Range Queries for Large-Scale Sensor-Augmented RFID Systems. IEEE/ACM Transactions on Networking, 2019, 27, 1873-1886.	3.8	40
50	Task Offloading and Resource Allocation for IoV Using 5G NR-V2X Communication. IEEE Internet of Things Journal, 2022, 9, 10397-10410.	8.7	40
51	Context-Aware Group Recommendation for Point-of-Interests. IEEE Access, 2018, 6, 12129-12144.	4.2	35
52	Survey on QoE Assessment Approach for Network Service. IEEE Access, 2018, 6, 48374-48390.	4.2	35
53	Two-Phase Multi-Party Computation Enabled Privacy-Preserving Federated Learning. , 2020, , .		34
54	A Cloud-Guided Feature Extraction Approach for Image Retrieval in Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2021, 20, 292-305.	5.8	33

#	ARTICLE	IF	CITATIONS
55	Service Coverage for Satellite Edge Computing. IEEE Internet of Things Journal, 2022, 9, 695-705.	8.7	33
56	Cost-Aware Cloud Service Request Scheduling for SaaS Providers. Computer Journal, 2014, 57, 291-301.	2.4	32
57	5G-Enabled MEC: A Distributed Traffic Steering for Seamless Service Migration of Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 648-661.	8.7	32
58	Cognitive Service Architecture for 6G Core Network. IEEE Transactions on Industrial Informatics, 2021, 17, 7193-7203.	11.3	32
59	Efficient QoS management for QoS-aware web service composition. International Journal of Web and Grid Services, 2014, 10, 1.	0.5	31
60	Optimal mobile device selection for mobile cloud service providing. Journal of Supercomputing, 2016, 72, 3222-3235.	3.6	31
61	Path Selection for Seamless Service Migration in Vehicular Edge Computing. IEEE Internet of Things Journal, 2020, 7, 9040-9049.	8.7	31
62	Towards Green Service Composition Approach in the Cloud. IEEE Transactions on Services Computing, 2021, 14, 1238-1250.	4.6	30
63	Security and Cost-Aware Computation Offloading via Deep Reinforcement Learning in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2019, 2019, 1-20.	1.2	30
64	Availability- and Traffic-Aware Placement of Parallelized SFC in Data Center Networks. IEEE Transactions on Network and Service Management, 2021, 18, 182-194.	4.9	29
65	Evaluating Feedback Ratings for Measuring Reputation of Web Services. , 2011, , .		28
66	Lightweight Mashup Middleware for Coal Mine Safety Monitoring and Control Automation. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1245-1255.	5.2	28
67	Efficient and reliable service selection for heterogeneous distributed software systems. Future Generation Computer Systems, 2017, 74, 158-167.	7.5	27
68	FTCloudSim. , 2013, , .		25
69	Reputation measurement of cloud services based on unstable feedback ratings. International Journal of Web and Grid Services, 2015, 11, 362.	0.5	25
70	TRUST: A TCP Throughput Prediction Method in Mobile Networks. , 2018, , .		25
71	Reward or Penalty: Aligning Incentives of Stakeholders in Crowdsourcing. IEEE Transactions on Mobile Computing, 2019, 18, 974-985.	5.8	23
72	Towards Network-Aware Service Composition in the Cloud. IEEE Transactions on Cloud Computing, 2020, 8, 1122-1134.	4.4	23

#	ARTICLE	IF	CITATIONS
73	Aggregated multi-attribute query processing in edge computing for industrial IoT applications. Computer Networks, 2019, 151, 114-123.	5.1	23
74	Predicting QoS Values via Multi-dimensional QoS Data for Web Service Recommendations. , 2015, , .		22
75	QSSA: A QoS-aware Service Selection Approach. International Journal of Web and Grid Services, 2011, 7, 147.	0.5	21
76	Virtual machine placement with (m, n)-fault tolerance in cloud data center. Cluster Computing, 2019, 22, 11619-11631.	5.0	21
77	Availability-Aware and Energy-Efficient Virtual Cluster Allocation Based on Multi-Objective Optimization in Cloud Datacenters. IEEE Transactions on Network and Service Management, 2020, 17, 972-985.	4.9	21
78	Reliable web service selection via QoS uncertainty computing. International Journal of Web and Grid Services, 2011, 7, 410.	0.5	20
79	A-GR: A novel geographical routing protocol for AANETs. Journal of Systems Architecture, 2013, 59, 931-937.	4.3	20
80	Adaptive Video Transmission Control System Based on Reinforcement Learning Approach Over Heterogeneous Networks. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1104-1113.	5.2	20
81	SLA-driven container consolidation with usage prediction for green cloud computing. Frontiers of Computer Science, 2020, 14, 42-52.	2.4	20
82	Reliability-Enhanced Task Offloading in Mobile Edge Computing Environments. IEEE Internet of Things Journal, 2022, 9, 10382-10396.	8.7	19
83	Multi-agent reinforcement learning for cost-aware collaborative task execution in energy-harvesting D2D networks. Computer Networks, 2021, 195, 108176.	5.1	18
84	Using reputation measurement to defend mobile social networks against malicious feedback ratings. Journal of Supercomputing, 2015, 71, 2190-2203.	3.6	17
85	Buffer-Aware Virtual Reality Video Streaming With Personalized and Private Viewport Prediction. IEEE Journal on Selected Areas in Communications, 2022, 40, 694-709.	14.0	17
86	Anomaly Detection for Internet of Vehicles: A Trust Management Scheme with Affinity Propagation. Mobile Information Systems, 2016, 2016, 1-10.	0.6	16
87	Network failure-aware redundant virtual machine placement in a cloud data center. Concurrency Computation Practice and Experience, 2017, 29, e4290.	2.2	16
88	Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-3.	1.2	16
89	Incorporating Distributed DRL Into Storage Resource Optimization of Space-Air-Ground Integrated Wireless Communication Network. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 434-446.	10.8	16
90	A Hadoop-based approach for efficient web service management. International Journal of Web and Grid Services, 2013, 9, 18.	0.5	15

#	Article	IF	Citations
91	Availability-Aware Virtual Cluster Allocation in Bandwidth-Constrained Datacenters. IEEE Transactions on Services Computing, 2020, 13, 425-436.	4.6	15
92	Efficient identity authentication and encryption technique for high throughput RFID system. Security and Communication Networks, 2016, 9, 2581-2591.	1.5	14
93	Towards Service Composition Aware Virtual Machine Migration Approach in the Cloud. IEEE Transactions on Services Computing, 2020, 13, 735-744.	4.6	14
94	Service Coordination in the Space-Air-Ground Integrated Network. IEEE Network, 2021, 35, 168-173.	6.9	14
95	QoS Uncertainty Filtering for Fast and Reliable Web Service Selection. , 2014, , .		13
96	Latent Interest and Topic Mining on User-Item Bipartite Networks. , 2016, , .		13
97	Evaluation of Throughput Prediction for Adaptive Bitrate Control Using Trace-Based Emulation. IEEE Access, 2019, 7, 51346-51356.	4.2	13
98	Detecting SYN flooding attacks based on traffic prediction. Security and Communication Networks, 2012, 5, 1131-1140.	1.5	12
99	On Retrieving Moving Objects Gathering Patterns from Trajectory Data via Spatio-temporal Graph. , 2014, , .		12
100	A cooperative route choice approach via virtual vehicle in IoV. Vehicular Communications, 2017, 9, 281-287.	4.0	12
101	Real-time, large-scale duplicate image detection method based on multi-feature fusion. Journal of Real-Time Image Processing, 2017, 13, 557-570.	3.5	12
102	QCSS: A QoE-Aware Control Plane for Adaptive Streaming Service over Mobile Edge Computing Infrastructures. , 2018, , .		12
103	Overview on Fault Tolerance Strategies of Composite Service in Service Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-8.	1.2	12
104	Dimensionality reduction via preserving local information. Future Generation Computer Systems, 2020, 108, 967-975.	7.5	12
105	Service migration in mobile edge computing: A deep reinforcement learning approach. International Journal of Communication Systems, 2020, , e4413.	2.5	12
106	Learning Transportation Annotated Mobility Profiles from GPS Data for Context-Aware Mobile Services. , 2016, , .		11
107	Dynamic Task Scheduling in Cloud-Assisted Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 2116-2130.	5.8	11
108	Poster Abstract: A Multi-user Computation Offloading Algorithm Based on Game Theory in Mobile Cloud Computing. , 2016, , .		10

#	Article	IF	Citations
109	Detecting and preventing selfish behaviour in mobile ad hoc network. Journal of Supercomputing, 2016, 72, 3156-3168.	3.6	10
110	Joint Placement of UPF and Edge Server for 6G Network. IEEE Internet of Things Journal, 2021, 8, 16370-16378.	8.7	10
111	Context-Aware Mobile Service Adaptation via a Co-Evolution eXtended Classifier System in Mobile Network Environments. Mobile Information Systems, 2014, 10, 197-215.	0.6	9
112	FTCloudSim: support for cloud service reliability enhancement simulation. International Journal of Web and Grid Services, 2015, 11, 347.	0.5	9
113	Efficient Service Selection in Mobile Information Systems. Mobile Information Systems, 2015, 2015, 1-10.	0.6	9
114	Joint Parameter Selection for Massive MIMO: An Energy-Efficient Perspective. IEEE Access, 2016, 4, 3719-3731.	4.2	9
115	Reliable and efficient big service selection. Information Systems Frontiers, 2017, 19, 1273-1282.	6.4	9
116	Skyline service selection approach based on QoS prediction. International Journal of Web and Grid Services, 2017, 13, 425.	0.5	9
117	Cultural distance for service composition in cyber–physical–social systems. Future Generation Computer Systems, 2020, 108, 1049-1057.	7.5	9
118	Freshness-Aware Information Update and Computation Offloading in Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 13115-13125.	8.7	9
119	Low-Cost Web Service Discovery Based on Distributed Decision Tree in P2P Environments. Wireless Personal Communications, 2013, 73, 1477-1493.	2.7	8
120	AOM: adaptive mobile data traffic offloading for M2M networks. Personal and Ubiquitous Computing, 2016, 20, 863-873.	2.8	8
121	Logistic Support Architecture with Petri Net Design in Cloud Environment for Services and Profit Optimization. IEEE Transactions on Services Computing, 2017, 10, 879-888.	4.6	8
122	Reinforcement learning–enabled efficient data gathering in underground wireless sensor networks. Personal and Ubiquitous Computing, 2020, , 1.	2.8	8
123	Deep Reinforcement Learning for Performance-Aware Adaptive Resource Allocation in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2020, 2020, 1-17.	1.2	8
124	Optimized Task Allocation for IoT Application in Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 10370-10381.	8.7	8
125	An overview of compute first networking. International Journal of Web and Grid Services, 2021, 17, 81.	0.5	8
126	Managing Trust for Intelligence Vehicles: A Cluster Consensus Approach. Lecture Notes in Computer Science, 2015, , 210-220.	1.3	8

#	Article	IF	Citations
127	ECDU: an edge content delivery and update framework in Mobile edge computing. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	8
128	Resource-aware Feature Extraction in Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	8
129	Cognitive Service in Mobile Edge Computing. , 2020, , .		8
130	Poster Abstract: Access Point Ranking for Cloudlet Placement in Edge Computing Environment. , 2016, , .		7
131	Web Service Selection in Trustworthy Collaboration Network. , 2011, , .		6
132	Bayesian Approach with Maximum Entropy Principle for trusted quality of Web service metric in eâ€commerce applications. Security and Communication Networks, 2012, 5, 1112-1120.	1.5	6
133	Service vulnerability scanning based on service-oriented architecture in Web service environments. Journal of Systems Architecture, 2013, 59, 731-739.	4.3	6
134	Machine Status Prediction for Dynamic and Heterogenous Cloud Environment. , 2016, , .		6
135	Task rescheduling optimization to minimize network resource consumption. Multimedia Tools and Applications, 2016, 75, 12901-12917.	3.9	6
136	Adaptive Multiple Task Assignments for UAVs Using Discrete Particle Swarm Optimization. Lecture Notes in Computer Science, 2018, , 220-229.	1.3	6
137	Hierarchical Discriminant Analysis. Sensors, 2018, 18, 279.	3.8	6
138	Corrigendum to â€œA Survey on Vehicular Edge Computing: Architecture, Applications, Technical Issues, and Future Directionsâ€ Wireless Communications and Mobile Computing, 2019, 2019, 1-1.	1.2	6
139	Edge-Enabled Distributed Deep Learning for 5G Privacy Protection. IEEE Network, 2021, 35, 213-219.	6.9	6
140	Community Detection via Improved Genetic Algorithm in Complex Network. Information Technology Journal, 2012, 11, 384-387.	0.3	6
141	Service Orchestration for Integrating Edge Computing and 5G Network: State of the Art and Challenges. , 2020, , .		6
142	Dynamic Virtual Resource Renting Method for Maximizing the Profits of a Cloud Service Provider in a Dynamic Pricing Model. , 2013, , .		5
143	Web Service QoS Prediction Approach in Mobile Internet Environments. , 2014, , .		5
144	Cognitively Adjusting Imprecise User Preferences for Service Selection. IEEE Transactions on Network and Service Management, 2017, 14, 717-729.	4.9	5

#	Article	IF	Citations
145	FMSR: A Fairness-Aware Mobile Service Recommendation Method. , 2018, , .		5
146	Multiservice Reliability Evaluation Algorithm Considering Network Congestion and Regional Failure Based on Petri Net. IEEE Transactions on Services Computing, 2022, 15, 684-697.	4.6	5
147	FARM: A Fairness-Aware Recommendation Method for High Visibility and Low Visibility Mobile APPs. IEEE Access, 2020, 8, 122747-122756.	4.2	5
148	Performance Analysis of Adaptive Bitrate Algorithms for Multi-user DASH Video Streaming. , 2021, , .		5
149	CE-Fed: Communication efficient multi-party computation enabled federated learning. Array, 2022, 15, 100207.	4.0	5
150	Web Services QoS Measure Based on Subjective and Objective Weight. , 2013, , .		4
151	Discovering Regional Taxicab Demand Based on Distribution Modeling from Trajectory Data. , 2014, , .		4
152	A Neural Network Based Schema Matching Method for Web Service Matching. , 2014, , .		4
153	Personalized Service Recommendation for Collaborative Tagging Systems with Social Relations and Temporal Influences. , 2016, , .		4
154	QoS prediction for Web service in Mobile Internet environment. New Review of Hypermedia and Multimedia, 2016, 22, 207-222.	1.1	4
155	Guest Editorial Special Issue on Hybrid Intelligence for Internet of Vehicles. IEEE Systems Journal, 2017, 11, 1225-1227.	4.6	4
156	Virtual Vehicle Coordination for Vehicles as Ambient Sensing Platforms. IEEE Access, 2018, 6, 11940-11952.	4.2	4
157	Appropriate points choosing for subspace learning over image classification. Journal of Supercomputing, 2019, 75, 688-703.	3.6	4
158	Towards Diversified IoT Image Recognition Services in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 666-677.	4.4	4
159	Resource management of GEO relays for real-time remote sensing. Peer-to-Peer Networking and Applications, 2021, 14, 3333-3348.	3.9	4
160	Price-Aware Service Deployment in Hierarchical Mobile-Edge Computing. IEEE Internet of Things Journal, 2022, 9, 11533-11541.	8.7	4
161	Task Offloading and Resource Allocation for Container-enabled Mobile Edge Computing. , 2021, , .		4
162	Providing Reliable Service for Parked-vehicle-assisted Mobile Edge Computing. ACM Transactions on Internet Technology, 2022, 22, 1-24.	4.4	4

#	Article	IF	Citations
163	A Measure Approach for Trustworthy QoS of Web Service. , 2010, , .		3
164	Reputation Measurement of Cloud Services Based on Unstable Feedback Ratings. , 2013, , .		3
165	PFT-CCKP: A proactive fault tolerance mechanism for data center network. , 2015, , .		3
166	Towards Video Quality of Experience and Selective Attention: A Subtitle-Based Measurement Study. , 2016, , .		3
167	Skyline Service Selection Based on QoS Prediction. , 2016, , .		3
168	QoECenter: A Visual Platform for QoE Evaluation of Streaming Video Services. , 2017, , .		3
169	Network Cloudification Enabling Network - Cloud/Fog Service Unification: State of the Art and Challenges. , 2019, , .		3
170	Joint Availability Enhancement and Traffic Optimization of Virtual Cluster Allocation in Cloud Datacenters. IEEE Transactions on Network and Service Management, 2020, 17, 1554-1567.	4.9	3
171	Operating Systems for Resource-adaptive Intelligent Software: Challenges and Opportunities. ACM Transactions on Internet Technology, 2021, 21, 1-19.	4.4	3
172	Reinforcement Learning for Security-Aware Workflow Application Scheduling in Mobile Edge Computing. Security and Communication Networks, 2021, 2021, 1-13.	1.5	3
173	On the Aggregated Resource Management for Satellite Edge Computing. , 2021, , .		3
174	Towards Ubiquitous Learning. , 2021, , .		3
175	Cost-aware edge server placement. International Journal of Web and Grid Services, 2022, 18, 83.	0.5	3
176	User-Oriented Edge Node Grouping in Mobile Edge Computing. IEEE Transactions on Mobile Computing, 2023, 22, 3691-3705.	5.8	3
177	Intelligent and Collaborative Orchestration of Network Slices. IEEE Transactions on Services Computing, 2023, 16, 1239-1253.	4.6	3
178	QoS-aware web service selection with the skyline. , 2010, , .		2
179	Quick service selection approach based on particle swarm optimization. , 2010, , .		2
180	Reputation-Driven Web Service Selection Based on Collaboration Network. , 2011, , .		2

#	Article	IF	Citations
181	PRUNING REDUNDANT SERVICES FOR FAST SERVICE SELECTION. International Journal of Computational Methods, 2013, 10, 1350036.	1.3	2
182	Context-Based Web Service Reputation Measurement. , 2014, , .		2
183	Minimizing Data Transmission Latency by Bipartite Graph in MapReduce. , 2015, , .		2
184	Enhanced User Context-Aware Reputation Measurement of Multimedia Service. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-18.	4.3	2
185	Services and communications in fog computing. China Communications, 2017, 14, iii-iv.	3.2	2
186	An overview of compute first networking. International Journal of Web and Grid Services, 2021, 17, 81.	0.5	2
187	Skyline service selection approach based on QoS prediction. International Journal of Web and Grid Services, 2017, 13, 425.	0.5	2
188	Fuzzy Logic Control for Web Service Selection. Information Technology Journal, 2012, 11, 399-401.	0.3	2
189	Guest editorial: Blockchain for Internet of Things. China Communications, 2020, 17, iii-iv.	3.2	2
190	Guest Editor's Introduction: Special Section on Edge AI as a Service. IEEE Transactions on Services Computing, 2022, 15, 588-590.	4.6	2
191	Edge/Cloud-Assisted Feature Extraction in IoT Devices. IEEE Internet of Things Journal, 2022, 9, 21594-21606.	8.7	2
192	An approach for QoS measure of web service with multifactor support. , 2010, , .		1
193	Predicting unknown QoS value with QoS-Prophet. , 2013, , .		1
194	Mobile information systems [Guest Editorial]. China Communications, 2015, 12, iii-iv.	3.2	1
195	CSMA/CN+: improving the performance of collision notification for wireless LANs. China Communications, 2017, 14, 1-10.	3.2	1
196	Towards Bandwidth Guaranteed Virtual Cluster Reallocation in the Cloud. Computer Journal, 2018, 61, 1284-1295.	2.4	1
197	Service Migration in Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1
198	The Performance Evaluation of Virtual Machine Placement Algorithm Based on WebCloudSim. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
199	A Virtual Machine Placement Policy via Biogeography-based Optimization in the Cloud. , 2018, , .		1
200	Centralized Q-Learning based Routing in EH-WSNs with Dual Alternative Batteries. Journal of Physics: Conference Series, 2020, 1544, 012083.	0.4	1
201	SPASC: Strategyâ€proof auction mechanism with cost and QoS incentive for service composition. Concurrency Computation Practice and Experience, 2021, 33, e6131.	2.2	1
202	A Cooperative Route Choice Approach via Virtual Vehicle in Internet of Vehicles. Lecture Notes in Computer Science, 2016, , 194-205.	1.3	1
203	Sensor Communications towards Intelligent Vehicle Networking. International Journal of Distributed Sensor Networks, 2015, 11, 365879.	2.2	1
204	A Distributed Quality of Service Index Framework. Advanced Science Letters, 2012, 7, 98-102.	0.2	1
205	The Service Recommendation Problem: An Overview of Traditional and Recent Approaches. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 37-47.	0.3	1
206	Towards Green Service Composition Approach in the Cloud. , 2021, , .		1
207	Challenges and Opportunities in Space Service Computing. , 2021, , .		1
208	Guest Editorial Special Issue on Space-Air-Ground Integrated Networks for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2701-2704.	8.0	1
209	Survey on tracking and registration technology for mobile augmented reality. International Journal of Web and Grid Services, 2022, 18, 99.	0.5	1
210	A Fast Web Service Selection Approach. Communications in Computer and Information Science, 2011, , 502-507.	0.5	0
211	Context-Aware Service Adaptation via Learning Classifier System with Co-evolutionary Mechanism. , 2012, , .		0
212	Guest editorial: Vehicular networking. China Communications, 2014, 11, i-ii.	3.2	0
213	An online cloud data center simulation system. , 2015, , .		0
214	Poster Abstract: API QoS Prediction for Apps in Cellular Networks. , 2016, , .		0
215	Tradeoff between executing time and revenue for runtime service composition. , 2016, , .		0
216	CMIP: Data Transmission Latency Optimization for Cooperative Group in Multi-cloud by Adaptive Routing. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
217	QoS-Aware Service Composition Using HTN Planner. , 2018, , .		0
218	An Acceleration Method for Similar Time-Series Finding. Lecture Notes in Computer Science, 2018, , 289-301.	1.3	0
219	HPC Software and Programming Environments for Big Data Applications. Scientific Programming, 2018, 2018, 1-2.	0.7	0
220	Virtual vehicle based on incremental learning for navigation service. International Journal of Web and Grid Services, 2021, 17, 98.	0.5	0
221	Guest Editorial: Special issue on blockchain and decentralized applications. Software - Practice and Experience, 2021, 51, 1985-1986.	3.6	0
222	User Context Reasoning for Web Service Selection. Advanced Science Letters, 2012, 7, 576-578.	0.2	0
223	A Stress Testing Method of Large-Scale Software Systems Based on Asynchronous Request. Advances in Intelligent Systems and Computing, 2020, , 571-577.	0.6	0
224	Multi-task Planning with the Consideration of Task Priority. Lecture Notes in Computer Science, 2020, , 56-63.	1.3	0
225	Adaptive Edge Resource Allocation for Maximizing the Number of Tasks Completed on Time: A Deep Q-Learning Approach. Communications in Computer and Information Science, 2020, , 355-367.	0.5	0
226	Ultra Low-latency MAC/PCS IP for High-speed Ethernet. , 2020, , .		0
227	Task Planning with Manual Intervention Using Improved JSHOP2 Planner. Lecture Notes in Computer Science, 2020, , 47-55.	1.3	0
228	Machine learing for mobile edge computing. China Communications, 2021, 18, iii-v.	3.2	0