

Zibin Zheng

List of Publications by Year in descending order

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325
papers

19,649
citations

26567

56
h-index

24915

109
g-index

328
all docs

328
docs citations

328
times ranked

9741
citing authors

#	ARTICLE	IF	CITATIONS
1	A Spatiotemporal Deep Learning Approach for Unsupervised Anomaly Detection in Cloud Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1705-1719.	7.2	44
2	Accelerated Partially Shared Dictionary Learning With Differentiable Scale-Invariant Sparsity for Multi-View Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8825-8839.	7.2	1
3	Double Sparse Deep Reinforcement Learning via Multilayer Sparse Coding and Nonconvex Regularized Pruning. IEEE Transactions on Cybernetics, 2023, 53, 765-778.	6.2	9
4	Worker-Centric Model Allocation for Federated Learning in Mobile Edge Computing. IEEE Transactions on Green Communications and Networking, 2023, 7, 869-880.	3.5	2
5	Code Review Knowledge Perception: Fusing Multi-Features for Salient-Class Location. IEEE Transactions on Software Engineering, 2022, 48, 1463-1479.	4.3	7
6	Who Are the Phishers? Phishing Scam Detection on Ethereum via Network Embedding. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1156-1166.	5.9	125
7	Modelling High-Order Social Relations for Item Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4385-4397.	4.0	44
8	<i>Microscaler</i>: Cost-Effective Scaling for Microservice Applications in the Cloud With an Online Learning Approach. IEEE Transactions on Cloud Computing, 2022, 10, 1100-1116.	3.1	34
9	Web Service QoS Prediction via Collaborative Filtering: A Survey. IEEE Transactions on Services Computing, 2022, 15, 2455-2472.	3.2	60
10	Evolution of Ethereum Transaction Relationships: Toward Understanding Global Driving Factors From Microscopic Patterns. IEEE Transactions on Computational Social Systems, 2022, 9, 559-570.	3.2	20
11	A Unified Federated DNNs Framework for Heterogeneous Mobile Devices. IEEE Internet of Things Journal, 2022, 9, 1737-1748.	5.5	6
12	A Survey of State-of-the-Art on Blockchains. ACM Computing Surveys, 2022, 54, 1-42.	16.1	68
13	AHNA: Adaptive representation learning for attributed heterogeneous networks. International Journal of Intelligent Systems, 2022, 37, 1157-1185.	3.3	2
14	HIN2Grid: A disentangled CNN-based framework for heterogeneous network learning. Expert Systems With Applications, 2022, 187, 115823.	4.4	2
15	Change-Patterns Mapping: A Boosting Way for Change Impact Analysis. IEEE Transactions on Software Engineering, 2022, 48, 2376-2398.	4.3	7
16	Sequential Attackerâ€“Defender Game on Complex Networks Considering the Cascading Failure Process. IEEE Transactions on Computational Social Systems, 2022, 9, 518-529.	3.2	5
17	Detecting Mixing Services via Mining Bitcoin Transaction Network With Hybrid Motifs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2237-2249.	5.9	86
18	Virtdev: Towards Providing Edge Services. IEEE Transactions on Services Computing, 2022, 15, 3089-3100.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Reviewing rounds prediction for code patches. Empirical Software Engineering, 2022, 27, 1.	3.0	1
20	Megnn: Meta-path extracted graph neural network for heterogeneous graph representation learning. Knowledge-Based Systems, 2022, 235, 107611.	4.0	34
21	MOOCsChain: A blockchain-based secure storage and sharing scheme for MOOCs learning. Computer Standards and Interfaces, 2022, 81, 103597.	3.8	46
22	Blockchain for federated learning toward secure distributed machine learning systems: a systemic survey. Soft Computing, 2022, 26, 4423-4440.	2.1	80
23	Cooperative Data Sensing and Computation Offloading in UAV-Assisted Crowdsensing With Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Network Science and Engineering, 2022, 9, 3197-3211.	4.1	20
24	Complex Network Analysis of the Bitcoin Transaction Network. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1009-1013.	2.2	15
25	Selective transfer learning with adversarial training for stock movement prediction. Connection Science, 2022, 34, 492-510.	1.8	11
26	Elastic Resource Allocation Against Imbalanced Transaction Assignments in Sharding-Based Permissioned Blockchains. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2372-2385.	4.0	23
27	An reinforcement learning-based speech censorship chatbot system. Journal of Supercomputing, 2022, 78, 8751-8773.	2.4	7
28	Characterizing and Detecting Gas-Inefficient Patterns in Smart Contracts. Journal of Computer Science and Technology, 2022, 37, 67-82.	0.9	6
29	Adaptive Evolution Strategies for Stochastic Zeroth-Order Optimization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1271-1285.	3.4	1
30	Graph Enhanced Neural Interaction Model for recommendation. Knowledge-Based Systems, 2022, 246, 108616.	4.0	4
31	FA-GNN: Filter and Augment Graph Neural Networks for Account Classification in Ethereum. IEEE Transactions on Network Science and Engineering, 2022, 9, 2579-2588.	4.1	19
32	Distributed Evolution Strategies for Black-box Stochastic Optimization. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	4.0	2
33	Intelligent analysis for software data: research and applications. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 661-663.	1.5	2
34	Fusing Blockchain and AI With Metaverse: A Survey. IEEE Open Journal of the Computer Society, 2022, 3, 122-136.	5.2	238
35	Park: accelerating smart contract vulnerability detection via parallel-fork symbolic execution. , 2022, , ,		8
36	Covering-Based Web Service Quality Prediction via Neighborhood-Aware Matrix Factorization. IEEE Transactions on Services Computing, 2021, 14, 1333-1344.	3.2	111

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37	A Location-Based Factorization Machine Model for Web Service QoS Prediction. IEEE Transactions on Services Computing, 2021, 14, 1264-1277.	3.2	48
38	QoS-Aware Data Placement for MapReduce Applications in Geo-Distributed Data Centers. IEEE Transactions on Engineering Management, 2021, 68, 120-136.	2.4	8
39	Data poisoning attacks on neighborhood-based recommender systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3872.	2.6	20
40	Sequential Restorations of Complex Networks After Cascading Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 400-411.	5.9	44
41	Attentive Meta-graph Embedding for item Recommendation in heterogeneous information networks. Knowledge-Based Systems, 2021, 211, 106524.	4.0	27
42	Deep Insights into Graph Adversarial Learning: An Empirical Study Perspective. Communications in Computer and Information Science, 2021, , 87-101.	0.4	0
43	On-chain and Off-chain Blockchain Data Collection. , 2021, , 15-39.		3
44	A Blockchain-Based Decentralized Federated Learning Framework with Committee Consensus. IEEE Network, 2021, 35, 234-241.	4.9	225
45	IEEE Access Special Section Editorial: Blockchain-Enabled Trustworthy Systems. IEEE Access, 2021, 9, 67680-67683.	2.6	0
46	From Technology to Society: An Overview of Blockchain-Based DAO. IEEE Open Journal of the Computer Society, 2021, 2, 204-215.	5.2	41
47	Analysis and Mining of Blockchain Transaction Network. , 2021, , 41-71.		1
48	Phishing Scams Detection in Ethereum Transaction Network. ACM Transactions on Internet Technology, 2021, 21, 1-16.	3.0	64
49	Robust graph convolutional networks with directional graph adversarial training. Applied Intelligence, 2021, 51, 7812-7826.	3.3	9
50	Revealing Structural and Functional Vulnerability of Power Grids to Cascading Failures. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 133-143.	2.7	16
51	Understanding Code Reuse in Smart Contracts. , 2021, , .		25
52	Learning and Updating Node Embedding on Dynamic Heterogeneous Information Network. , 2021, , .		11
53	Meepo: Sharded Consortium Blockchain. , 2021, , .		36
54	Outlier-Resilient Web Service QoS Prediction. , 2021, , .		20

#	ARTICLE	IF	CITATIONS
55	FINN: Feedback Interactive Neural Network for Intent Recommendation. , 2021, , .		5
56	When services computing meets blockchain: Challenges and opportunities. Journal of Parallel and Distributed Computing, 2021, 150, 1-14.	2.7	40
57	MMES: Mixture Model-Based Evolution Strategy for Large-Scale Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 320-333.	7.5	9
58	Sequential Recommendation on Dynamic Heterogeneous Information Network. , 2021, , .		10
59	XBlock-EOS: Extracting and exploring blockchain data from EOSIO. Information Processing and Management, 2021, 58, 102477.	5.4	33
60	Guest Editorial Introduction to the Special Section on Blockchain for Vehicles and Intelligent Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 3998-4000.	3.9	2
61	Distributed and Collective Deep Reinforcement Learning for Computation Offloading: A Practical Perspective. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1085-1101.	4.0	66
62	GraphGallery: A Platform for Fast Benchmarking and Easy Development of Graph Neural Networks Based Intelligent Software. , 2021, , .		3
63	Transaction-Based Hidden Strategies against General Phishing Detection Framework on Ethereum. , 2021, , .		19
64	Revisiting Double-Spending Attacks on the Bitcoin Blockchain: New Findings. , 2021, , .		2
65	Guest Editorial: Special issue on blockchain and decentralized applications. Software - Practice and Experience, 2021, 51, 1985-1986.	2.5	0
66	Auto-weighted robust low-rank tensor completion via tensor-train. Information Sciences, 2021, 567, 100-115.	4.0	19
67	Learning deep discriminative representations with pseudo supervision for image clustering. Information Sciences, 2021, 568, 199-215.	4.0	18
68	Analysis of cryptocurrency transactions from a network perspective: An overview. Journal of Network and Computer Applications, 2021, 190, 103139.	5.8	69
69	Ponzi scheme detection via oversampling-based Long Short-Term Memory for smart contracts. Knowledge-Based Systems, 2021, 228, 107312.	4.0	31
70	Guest Editorial: Blockchain Solutions for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7628-7628.	7.2	0
71	Adversarial Attack on Large Scale Graph. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	20
72	Deep Reinforcement Learning for Internet of Things: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 1659-1692.	24.8	105

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73	SHNE: Semantics and Homophily Preserving Network Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-12.	7.2	2
74	MVCom: Scheduling Most Valuable Committees for the Large-Scale Sharded Blockchain. , 2021, , .		7
75	Blockchain in China. Communications of the ACM, 2021, 64, 88-93.	3.3	11
76	SGCL. , 2021, , .		9
77	Sieve: Attention-based Sampling of End-to-End Trace Data in Distributed Microservice Systems. , 2021, , .		6
78	Expanding Relationship for Cross Domain Recommendation. , 2021, , .		10
79	Node2Grids. , 2021, , .		0
80	SocialChain: Decoupling Social Data and Applications to Return Your Data Ownership. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	2
81	Attention-Based Graph Neural Network for Identifying Illicit Bitcoin Addresses. Communications in Computer and Information Science, 2021, , 147-162.	0.4	3
82	An Empirical Study of Solidity Language Features. , 2021, , .		3
83	Big Data Analytics for Large-scale Wireless Networks. ACM Computing Surveys, 2020, 52, 1-36.	16.1	87
84	Toward Secure Data Sharing for the IoT: A Quality-Driven Incentive Mechanism With On-Chain and Off-Chain Guarantees. IEEE Internet of Things Journal, 2020, 7, 1625-1640.	5.5	78
85	Homophily Preserving Community Detection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2903-2915.	7.2	18
86	Incorporating geographical location for team formation in social coding sites. World Wide Web, 2020, 23, 153-174.	2.7	7
87	Learning Code Context Information to Predict Comment Locations. IEEE Transactions on Reliability, 2020, 69, 88-105.	3.5	16
88	Going deeper with optimal software products selection using many-objective optimization and satisfiability solvers. Empirical Software Engineering, 2020, 25, 591-626.	3.0	6
89	An overview on smart contracts: Challenges, advances and platforms. Future Generation Computer Systems, 2020, 105, 475-491.	4.9	568
90	Blockchain for cloud exchange: A survey. Computers and Electrical Engineering, 2020, 81, 106526.	3.0	86

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91	Robust multi-view k-means clustering with outlier removal. Knowledge-Based Systems, 2020, 210, 106518.	4.0	18
92	Collaborative deep learning across multiple data centers. Science China Information Sciences, 2020, 63, 1.	2.7	10
93	PIRATE: A Blockchain-Based Secure Framework of Distributed Machine Learning in 5G Networks. IEEE Network, 2020, 34, 84-91.	4.9	52
94	Dependence structure between bitcoin price and its influence factors. International Journal of Computational Science and Engineering, 2020, 21, 334.	0.4	8
95	Enhancing Bitcoin Price Fluctuation Prediction Using Attentive LSTM and Embedding Network. Applied Sciences (Switzerland), 2020, 10, 4872.	1.3	12
96	CommPst: Deep learning source code for commenting positions prediction. Journal of Systems and Software, 2020, 170, 110754.	3.3	10
97	Communication-Efficient Collaborative Learning of Geo-Distributed JointCloud from Heterogeneous Datasets. , 2020, , .		7
98	Honeypot Contract Risk Warning on Ethereum Smart Contracts. , 2020, , .		12
99	Learning Human-Written Commit Messages to Document Code Changes. Journal of Computer Science and Technology, 2020, 35, 1258-1277.	0.9	16
100	XBlock-ETH: Extracting and Exploring Blockchain Data From Ethereum. IEEE Open Journal of the Computer Society, 2020, 1, 95-106.	5.2	84
101	Finding skyline communities in multi-valued networks. VLDB Journal, 2020, 29, 1407-1432.	2.7	6
102	Hdconfigor: Automatically Tuning High Dimensional Configuration Parameters for Log Search Engines. IEEE Access, 2020, 8, 80638-80653.	2.6	9
103	Hierarchical bucket tree: an efficient account structure for blockchain-based system. International Journal of Embedded Systems, 2020, 12, 554.	0.2	0
104	When Blockchain Meets Distributed File Systems: An Overview, Challenges, and Open Issues. IEEE Access, 2020, 8, 50574-50586.	2.6	52
105	Friend Recommendation Based on Multi-Social Graph Convolutional Network. IEEE Access, 2020, 8, 43618-43629.	2.6	29
106	T-EDGE: Temporal WEighted MultiDiGraph Embedding for Ethereum Transaction Network Analysis. Frontiers in Physics, 2020, 8, .	1.0	43
107	Towards automatically generating block comments for code snippets. Information and Software Technology, 2020, 127, 106373.	3.0	19
108	CDS: A Cross-Version Software Defect Prediction Model With Data Selection. IEEE Access, 2020, 8, 110059-110072.	2.6	19

#	ARTICLE	IF	CITATIONS
109	Multi-view semi-supervised learning for classification on dynamic networks. Knowledge-Based Systems, 2020, 195, 105698.	4.0	6
110	Modeling and Understanding Ethereum Transaction Records via a Complex Network Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2737-2741.	2.2	70
111	Solutions to Scalability of Blockchain: A Survey. IEEE Access, 2020, 8, 16440-16455.	2.6	359
112	Long-range dependence, multi-fractality and volume-return causality of Ether market. Chaos, 2020, 30, 011101.	1.0	15
113	Guest Editorial: Special Issue on Blockchain-Based Services Computing. IEEE Transactions on Services Computing, 2020, 13, 200-202.	3.2	3
114	A Blockchain-Assisted Trust Access Authentication System for Solid. IEEE Access, 2020, 8, 71605-71616.	2.6	14
115	Identifying Illicit Addresses in Bitcoin Network. Communications in Computer and Information Science, 2020, , 99-111.	0.4	25
116	Ensembled CTR Prediction via Knowledge Distillation. , 2020, , .		24
117	Traveling the token world: A graph analysis of Ethereum ERC20 token ecosystem. , 2020, , .		53
118	Nonuniform Hyper-Network Embedding with Dual Mechanism. ACM Transactions on Information Systems, 2020, 38, 1-18.	3.8	5
119	Certifiable Robustness to Discrete Adversarial Perturbations for Factorization Machines. , 2020, , .		16
120	Quantitative Analysis of Bitcoin Transferred in Bitcoin Exchange. Communications in Computer and Information Science, 2020, , 549-562.	0.4	1
121	Blockchain-Based Credible and Privacy-Preserving QoS-Aware Web Service Recommendation. Communications in Computer and Information Science, 2020, , 621-635.	0.4	1
122	Keep You from Leaving: Churn Prediction in Online Games. Lecture Notes in Computer Science, 2020, , 263-279.	1.0	5
123	Phishing Scam Detection on Ethereum: Towards Financial Security for Blockchain Ecosystem. , 2020, , .		58
124	Graph Neural Network and Multi-view Learning Based Mobile Application Recommendation in Heterogeneous Graphs. , 2020, , .		5
125	Deep Robust Reinforcement Learning for Practical Algorithmic Trading. IEEE Access, 2019, 7, 108014-108022.	2.6	75
126	Robustness Analysis of Power Grids Against Cascading Failures Based on a Multi-Objective Algorithm. , 2019, , .		2

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127	A Secure and Efficient Blockchain-Based Data Trading Approach for Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 9110-9121.	3.9	103
128	A Novel Debt-Credit Mechanism for Blockchain-Based Data-Trading in Internet of Vehicles. IEEE Internet of Things Journal, 2019, 6, 9098-9111.	5.5	59
129	Cooperative and Distributed Computation Offloading for Blockchain-Empowered Industrial Internet of Things. IEEE Internet of Things Journal, 2019, 6, 8433-8446.	5.5	114
130	Auto-weighted multi-view constrained spectral clustering. Neurocomputing, 2019, 366, 1-11.	3.5	27
131	Optimal Pricing Mechanism for Data Market in Blockchain-Enhanced Internet of Things. IEEE Internet of Things Journal, 2019, 6, 9748-9761.	5.5	52
132	STD: An Automatic Evaluation Metric for Machine Translation Based on Word Embeddings. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1497-1506.	4.0	9
133	Multi-Hop Cooperative Computation Offloading for Industrial IoT-Edge-Cloud Computing Environments. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2759-2774.	4.0	159
134	Joint Computation Offloading and Coin Loaning for Blockchain-Empowered Mobile-Edge Computing. IEEE Internet of Things Journal, 2019, 6, 9934-9950.	5.5	46
135	Makespan-minimized computation offloading for smart toys in edge-cloud computing. Electronic Commerce Research and Applications, 2019, 37, 100884.	2.5	11
136	Tools and Benchmarks for Automated Log Parsing. , 2019, , .		240
137	Microscaler: Automatic Scaling for Microservices with an Online Learning Approach. , 2019, , .		49
138	Generative Adversarial Network Based Service Recommendation in Heterogeneous Information Networks. , 2019, , .		16
139	NutBaaS: A Blockchain-as-a-Service Platform. IEEE Access, 2019, 7, 134422-134433.	2.6	131
140	Predicting Quality of Service via Leveraging Location Information. Complexity, 2019, 2019, 1-16.	0.9	17
141	Online Deep Reinforcement Learning for Computation Offloading in Blockchain-Empowered Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 8050-8062.	3.9	208
142	Market Manipulation of Bitcoin: Evidence from Mining the Mt. Gox Transaction Network. , 2019, , .		75
143	AC-Net: Assessing the Consistency of Description and Permission in Android Apps. IEEE Access, 2019, 7, 57829-57842.	2.6	20
144	Nonnegative Spectral Clustering for Large-Scale Semi-supervised Learning. Lecture Notes in Computer Science, 2019, , 287-291.	1.0	0

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145	Blockchain for Internet of Things: A Survey. IEEE Internet of Things Journal, 2019, 6, 8076-8094.	5.5	769
146	Energy-efficient data routing in cooperative UAV swarms for medical assistance after a disaster. Chaos, 2019, 29, 063106.	1.0	6
147	Guest Editorial: Special Section on "Blockchain for Industrial Internet of Things" in IEEE Transactions on Industrial Informatics. IEEE Transactions on Industrial Informatics, 2019, 15, 3514-3515.	7.2	11
148	Detecting "Pump & Dump Schemes" on Cryptocurrency Market Using An Improved Apriori Algorithm. , 2019, , .		20
149	SINE: Side Information Network Embedding. Lecture Notes in Computer Science, 2019, , 692-708.	1.0	6
150	EtherShare: Share Information in JointCloud Environment Using Blockchain-Based Smart Contracts. , 2019, , .		5
151	Sequential Node/Link Recovery Strategy of Power Grids Based on Q-Learning Approach. , 2019, , .		11
152	Deep and Embedded Learning Approach for Traffic Flow Prediction in Urban Informatics. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3927-3939.	4.7	100
153	Hyper2vec: Biased Random Walk for Hyper-network Embedding. Lecture Notes in Computer Science, 2019, , 273-277.	1.0	13
154	QoS-Aware Cooperative Computation Offloading for Robot Swarms in Cloud Robotics. IEEE Transactions on Vehicular Technology, 2019, 68, 4027-4041.	3.9	54
155	Distributions of soil branched glycerol dialkyl glycerol tetraethers from different climate regions of China. Scientific Reports, 2019, 9, 2761.	1.6	14
156	Exploiting Blockchain Data to Detect Smart Ponzi Schemes on Ethereum. IEEE Access, 2019, 7, 37575-37586.	2.6	139
157	When UAV Swarm Meets Edge-Cloud Computing: The QoS Perspective. IEEE Network, 2019, 33, 36-43.	4.9	123
158	Personalized Service Recommendation With Mashup Group Preference in Heterogeneous Information Network. IEEE Access, 2019, 7, 16155-16167.	2.6	17
159	Discrete Overlapping Community Detection with Pseudo Supervision. , 2019, , .		16
160	Logzip: Extracting Hidden Structures via Iterative Clustering for Log Compression. , 2019, , .		34
161	An Active and Deep Semantic Matching Framework for Query Rewrite in E-Commercial Search Engine. , 2019, , .		0
162	Recommending Differentiated Code to Support Smart Contract Update. , 2019, , .		26

#	ARTICLE	IF	CITATIONS
163	Recommending software features for mobile applications based on user interface comparison. Requirements Engineering, 2019, 24, 545-559.	2.1	11
164	Digging into it: Community detection via hidden attributes analysis. Neurocomputing, 2019, 331, 97-107.	3.5	6
165	Learning the Evolution Regularities for BigService-Oriented Online Reliability Prediction. IEEE Transactions on Services Computing, 2019, 12, 398-411.	3.2	13
166	A Semi-supervised Classification Approach for Multiple Time-Varying Networks with Total Variation. Lecture Notes in Computer Science, 2019, , 334-337.	1.0	1
167	Matching User with Item Set: Collaborative Bundle Recommendation with Deep Attention Network. , 2019, , .		76
168	Variational Graph Embedding and Clustering with Laplacian Eigenmaps. , 2019, , .		9
169	Dynamically Route Hierarchical Structure Representation to Attentive Capsule for Text Classification. , 2019, , .		9
170	A Data Set for User Request Trace-Oriented Monitoring and its Applications. IEEE Transactions on Services Computing, 2018, 11, 699-712.	3.2	3
171	MalPat: Mining Patterns of Malicious and Benign Android Apps via Permission-Related APIs. IEEE Transactions on Reliability, 2018, 67, 355-369.	3.5	75
172	A proactive approach based on online reliability prediction for adaptation of service-oriented systems. Journal of Parallel and Distributed Computing, 2018, 114, 70-84.	2.7	14
173	Wide and Deep Convolutional Neural Networks for Electricity-Theft Detection to Secure Smart Grids. IEEE Transactions on Industrial Informatics, 2018, 14, 1606-1615.	7.2	449
174	Detecting Ponzi Schemes on Ethereum. , 2018, , .		220
175	Medium optimization for $\hat{\mu}$ -poly-L-lysine production by <i>Streptomyces diastatochromogenes</i> using response surface methodology. Letters in Applied Microbiology, 2018, 66, 124-131.	1.0	19
176	Detecting Duplicate Bug Reports with Convolutional Neural Networks. , 2018, , .		30
177	Blockchain challenges and opportunities: a survey. International Journal of Web and Grid Services, 2018, 14, 352.	0.4	1,977
178	BGN: Identifying Influential Nodes in Complex Networks via Backward Generating Networks. IEEE Access, 2018, 6, 59949-59962.	2.6	11
179	A Weighted Meta-graph Based Approach for Mobile Application Recommendation on Heterogeneous Information Networks. Lecture Notes in Computer Science, 2018, , 404-420.	1.0	14
180	An Adaptive Semi-local Algorithm for Node Ranking in Large Complex Networks. Lecture Notes in Computer Science, 2018, , 505-514.	1.0	1

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181	Software Service Recommendation Base on Collaborative Filtering Neural Network Model. Lecture Notes in Computer Science, 2018, , 388-403.	1.0	12
182	Microscope: Pinpoint Performance Issues with Causal Graphs in Micro-service Environments. Lecture Notes in Computer Science, 2018, , 3-20.	1.0	78
183	Joint Computation Offloading and Routing Optimization for UAV-Edge-Cloud Computing Environments. , 2018, , .		16
184	Heterogeneous Neural Attentive Factorization Machine for Rating Prediction. , 2018, , .		27
185	Adaptive Affinity Learning for Accurate Community Detection. , 2018, , .		11
186	Salient-class location: help developers understand code change in code review. , 2018, , .		10
187	Identifying Influential Individuals on Large-Scale Social Networks: A Community Based Approach. IEEE Access, 2018, 6, 47240-47257.	2.6	21
188	Deep Autoencoder-like Nonnegative Matrix Factorization for Community Detection. , 2018, , .		130
189	Latency-Aware Task Assignment and Scheduling in Collaborative Cloud Robotic Systems. , 2018, , .		13
190	Factorization Machine Based Service Recommendation on Heterogeneous Information Networks. , 2018, , .		21
191	IoT Service Based on JointCloud Blockchain: The Case Study of Smart Traveling. , 2018, , .		34
192	A detailed and real-time performance monitoring framework for blockchain systems. , 2018, , .		102
193	Skyline Community Search in Multi-valued Networks. , 2018, , .		62
194	Efficient blockchain-based software systems via hierarchical bucket tree. , 2018, , .		1
195	Group preference based API recommendation via heterogeneous information network. , 2018, , .		1
196	Cloud Service Reliability Enhancement via Virtual Machine Placement Optimization. IEEE Transactions on Services Computing, 2017, 10, 902-913.	3.2	130
197	Online QoS Prediction for Runtime Service Adaptation via Adaptive Matrix Factorization. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2911-2924.	4.0	89
198	Integrating Reinforcement Learning with Multi-Agent Techniques for Adaptive Service Composition. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-42.	0.4	27

#	ARTICLE	IF	CITATIONS
199	Using discriminative feature in software entities for relevance identification of code changes. Journal of Software: Evolution and Process, 2017, 29, e1859.	1.2	10
200	CARP: Context-Aware Reliability Prediction of Black-Box Web Services. , 2017, , .		18
201	Drain: An Online Log Parsing Approach with Fixed Depth Tree. , 2017, , .		327
202	Mobile Application Rating Prediction via Feature-Oriented Matrix Factorization. , 2017, , .		7
203	An Overview of Blockchain Technology: Architecture, Consensus, and Future Trends. , 2017, , .		2,193
204	Finding weighted k-truss communities in large networks. Information Sciences, 2017, 417, 344-360.	4.0	57
205	DC-RSF: A Dynamic and Customized Reputation System Framework for Joint Cloud Computing. , 2017, , .		2
206	A Novel Hybrid Data Mining Framework for Credit Evaluation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 16-26.	0.2	0
207	Online Reliability Prediction via Motifs-Based Dynamic Bayesian Networks for Service-Oriented Systems. IEEE Transactions on Software Engineering, 2017, 43, 556-579.	4.3	31
208	CASR-TSE: Context-Aware Web Services Recommendation for Modeling Weighted Temporal-Spatial Effectiveness. IEEE Transactions on Services Computing, 2017, , 1-1.	3.2	14
209	On Connectivity of Wireless Sensor Networks with Directional Antennas. Sensors, 2017, 17, 134.	2.1	36
210	Optimal design of coupling preferences to mitigate traffic congestion in interconnected networks. , 2017, , .		0
211	Configuring Software Product Lines by Combining Many-Objective Optimization and SAT Solvers. ACM Transactions on Software Engineering and Methodology, 2017, 26, 1-46.	4.8	55
212	An Embedding Based Factorization Machine Approach for Web Service QoS Prediction. Lecture Notes in Computer Science, 2017, , 272-286.	1.0	27
213	Efficient Influential Individuals Discovery on Service-Oriented Social Networks: A Community-Based Approach. Lecture Notes in Computer Science, 2017, , 605-613.	1.0	4
214	A Novel Service Recommendation Approach Considering the User's Trust Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 429-438.	0.2	0
215	Run-time resolution of service property conflicts in web service composition. International Journal of Web and Grid Services, 2016, 12, 142.	0.4	2
216	On analyzing eavesdropping behaviours in underwater acoustic sensor networks. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
217	Community Detection in Location-Based Social Networks: An Entropy-Based Approach. , 2016, , .		5
218	Online personalized QoS prediction approach for cloud services. , 2016, , .		1
219	An effective rewiring strategy for optimizing traffic performance of communication networks. , 2016, , .		1
220	On local connectivity of cognitive radio ad hoc networks with directional antennas. , 2016, , .		3
221	Time-Aware and Sparsity-Tolerant QoS Prediction Based on Collaborative Filtering. , 2016, , .		14
222	Asymmetric Correlation Regularized Matrix Factorization for Web Service Recommendation. , 2016, , .		15
223	User-Specific Rating Prediction for Mobile Applications via Weight-Based Matrix Factorization. , 2016, , .		10
224	Effect of traffic generation patterns on traffic performance of complex networks. , 2016, , .		0
225	On Cloud Service Reliability Enhancement with Optimal Resource Usage. IEEE Transactions on Cloud Computing, 2016, 4, 452-466.	3.1	59
226	Automated structural semantic annotation for RESTful services. International Journal of Web and Grid Services, 2016, 12, 26.	0.4	8
227	Collaborative Web Service Quality Prediction via Exploiting Matrix Factorization and Network Map. IEEE Transactions on Network and Service Management, 2016, 13, 126-137.	3.2	91
228	A Spatial-Temporal QoS Prediction Approach for Time-aware Web Service Recommendation. ACM Transactions on the Web, 2016, 10, 1-25.	2.0	71
229	Web Service Personalized Quality of Service Prediction via Reputation-Based Matrix Factorization. IEEE Transactions on Reliability, 2016, 65, 28-37.	3.5	76
230	Location-aware and personalized collaborative filtering for web service recommendation. IEEE Transactions on Services Computing, 2016, 9, 686-699.	3.2	146
231	Crowdsourcing Based API Search via Leveraging Twitter Lists Information. , 2015, , .		4
232	Correlation-Based Top-k Recommendation for Web Services. , 2015, , .		2
233	Entropy-Based Service Selection with Uncertain QoS for Mobile Cloud Computing. , 2015, , .		2
234	Reliability prediction for internetware applications: a research framework and its practical use. China Communications, 2015, 12, 13-20.	2.0	3

#	ARTICLE	IF	CITATIONS
235	Selecting an Optimal Fault Tolerance Strategy for Reliable Service-Oriented Systems with Local and Global Constraints. IEEE Transactions on Computers, 2015, 64, 219-232.	2.4	39
236	Kinetic Modeling of Nitric Oxide Sensitization of <i>n</i> -heptane Auto-ignition and Combustion. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 997-1004.	1.2	2
237	Service fault tolerance for highly reliable service-oriented systems: an overview. Science China Information Sciences, 2015, 58, 1-12.	2.7	12
238	Characterizing RESTful Web Services Usage on Smartphones: A Tale of Native Apps and Web Apps. , 2015, , .		16
239	QoS Prediction of Web Services Based on Two-Phase K-Means Clustering. , 2015, , .		60
240	A Privacy-Preserving QoS Prediction Framework for Web Service Recommendation. , 2015, , .		65
241	Reputation Measurement and Malicious Feedback Rating Prevention in Web Service Recommendation Systems. IEEE Transactions on Services Computing, 2015, 8, 755-767.	3.2	105
242	QoS Prediction in Dynamic Web Services with Asymmetric Correlation. Lecture Notes in Computer Science, 2015, , 445-459.	1.0	1
243	A Trust-Aware Search Engine for Complex Service Computing. International Journal of Web Services Research, 2014, 11, 57-75.	0.5	2
244	Combining Global and Local Trust for Service Recommendation. , 2014, , .		16
245	A Runtime Verification Based Trace-Oriented Monitoring Framework for Cloud Systems. , 2014, , .		8
246	Trace Bench: An Open Data Set for Trace-Oriented Monitoring. , 2014, , .		5
247	Towards an Open Data Set for Trace-Oriented Monitoring. , 2014, , .		1
248	Location-Based Hierarchical Matrix Factorization for Web Service Recommendation. , 2014, , .		75
249	Towards Online, Accurate, and Scalable QoS Prediction for Runtime Service Adaptation. , 2014, , .		25
250	Adaptive and Dynamic Service Composition via Multi-agent Reinforcement Learning. , 2014, , .		20
251	CGA-based deadlock solving strategies towards vehicle sensing systems. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	1
252	A Novel Online Reliability Prediction Approach for Service-Oriented Systems. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
253	Integrating On-policy Reinforcement Learning with Multi-agent Techniques for Adaptive Service Composition. Lecture Notes in Computer Science, 2014, , 154-168.	1.0	24
254	Investigating QoS of Real-World Web Services. IEEE Transactions on Services Computing, 2014, 7, 32-39.	3.2	333
255	Clustering Web services to facilitate service discovery. Knowledge and Information Systems, 2014, 38, 207-229.	2.1	110
256	Reliability-Based Design Optimization for Cloud Migration. IEEE Transactions on Services Computing, 2014, 7, 223-236.	3.2	44
257	Web Service Recommendation via Exploiting Location and QoS Information. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1913-1924.	4.0	162
258	An Online Performance Prediction Framework for Service-Oriented Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1169-1181.	5.9	24
259	Modeling and exploiting tag relevance for Web service mining. Knowledge and Information Systems, 2014, 39, 153-173.	2.1	20
260	A topology-aware method for scientific application deployment on cloud. International Journal of Web and Grid Services, 2014, 10, 338.	0.4	1
261	A fault-tolerant framework for QoS-aware web service composition via case-based reasoning. International Journal of Web and Grid Services, 2014, 10, 80.	0.4	13
262	QoS-Aware Web Service Recommendation via Collaborative Filtering. , 2014, , 563-588.		13
263	Neighborhood-Based QoS Prediction of Web Services. Advanced Topics in Science and Technology in China, 2013, , 41-64.	0.0	2
264	Scaling Service-Oriented Applications into Geo-distributed Clouds. , 2013, , .		5
265	Particle Swarm Optimization for Energy-Aware Virtual Machine Placement Optimization in Virtualized Data Centers. , 2013, , .		85
266	Service-Generated Big Data and Big Data-as-a-Service: An Overview. , 2013, , .		136
267	Personalized Reliability Prediction of Web Services. ACM Transactions on Software Engineering and Methodology, 2013, 22, 1-25.	4.8	87
268	Mashup Service Recommendation Based on User Interest and Social Network. , 2013, , .		63
269	DR2: Dynamic Request Routing for Tolerating Latency Variability in Online Cloud Applications. , 2013, , .		5
270	Reputation-Aware QoS Value Prediction of Web Services. , 2013, , .		42

#	ARTICLE	IF	CITATIONS
271	QoS Ranking Prediction for Cloud Services. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1213-1222.	4.0	240
272	Personalized QoS-Aware Web Service Recommendation and Visualization. IEEE Transactions on Services Computing, 2013, 6, 35-47.	3.2	153
273	Collaborative Web Service QoS Prediction via Neighborhood Integrated Matrix Factorization. IEEE Transactions on Services Computing, 2013, 6, 289-299.	3.2	363
274	Personalized Web Service Recommendation via Normal Recovery Collaborative Filtering. IEEE Transactions on Services Computing, 2013, 6, 573-579.	3.2	94
275	QoS-Aware Selection Framework for Web Services. Advanced Topics in Science and Technology in China, 2013, , 119-144.	0.0	0
276	QoS-Aware Fault Tolerance for Web Services. Advanced Topics in Science and Technology in China, 2013, , 97-118.	0.0	1
277	QoS Evaluation of Web Services. Advanced Topics in Science and Technology in China, 2013, , 19-39.	0.0	1
278	Predicting Quality of Service for Selection by Neighborhood-Based Collaborative Filtering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 428-439.	5.9	172
279	Trust-Aware Service Recommendation via Exploiting Social Networks. , 2013, , .		15
280	An efficient fault-tolerant scheduling algorithm for periodic real-time tasks in heterogeneous platforms. , 2013, , .		2
281	Trace Norm Regularized Matrix Factorization for Service Recommendation. , 2013, , .		57
282	WT-LDA: User Tagging Augmented LDA for Web Service Clustering. Lecture Notes in Computer Science, 2013, , 162-176.	1.0	85
283	Mashup Service Recommendation Based on Usage History and Service Network. International Journal of Web Services Research, 2013, 10, 82-101.	0.5	17
284	Context-Aware Service Adaptation via Learning Classifier System with Co-evolutionary Mechanism. , 2012, , .		0
285	A spectral clustering-based optimal deployment method for scientific application in cloud computing. International Journal of Web and Grid Services, 2012, 8, 31.	0.4	15
286	Component Ranking for Fault-Tolerant Cloud Applications. IEEE Transactions on Services Computing, 2012, 5, 540-550.	3.2	113
287	Real-Time Performance Prediction for Cloud Components. , 2012, , .		7
288	Topology-Aware Deployment of Scientific Applications in Cloud Computing. , 2012, , .		26

#	ARTICLE	IF	CITATIONS
289	Online Optimization of VM Deployment in IaaS Cloud. , 2012, , .		5
290	WSP: A Network Coordinate Based Web Service Positioning Framework for Response Time Prediction. , 2012, , .		18
291	A Clustering-Based QoS Prediction Approach for Web Service Recommendation. , 2012, , .		35
292	A Latency-Aware Co-deployment Mechanism for Cloud-Based Services. , 2012, , .		19
293	Titan. , 2012, , .		28
294	WSTRank: Ranking Tags to Facilitate Web Service Mining. Lecture Notes in Computer Science, 2012, , 574-581.	1.0	4
295	An Enhanced QoS Prediction Approach for Service Selection. , 2011, , .		32
296	NRCF: A Novel Collaborative Filtering Method for Service Recommendation. , 2011, , .		12
297	A User Experience-Based Cloud Service Redeployment Mechanism. , 2011, , .		13
298	Improving MapReduce Performance via Heterogeneity-Load-Aware Partition Function. , 2011, , .		1
299	Adaptive QoS-Aware Service Process Reconfiguration. , 2011, , .		18
300	Evaluating Feedback Ratings for Measuring Reputation of Web Services. , 2011, , .		28
301	Exploring Latent Features for Memory-Based QoS Prediction in Cloud Computing. , 2011, , .		107
302	Toward Optimal Deployment of Communication-Intensive Cloud Applications. , 2011, , .		33
303	BFTCloud: A Byzantine Fault Tolerance Framework for Voluntary-Resource Cloud Computing. , 2011, , .		82
304	WSPred: A Time-Aware Personalized QoS Prediction Framework for Web Services. , 2011, , .		190
305	Cloud model for service selection. , 2011, , .		43
306	WTCluster: Utilizing Tags for Web Services Clustering. Lecture Notes in Computer Science, 2011, , 204-218.	1.0	68

#	ARTICLE	IF	CITATIONS
307	An Optimized Player Taxonomy Model for Mobile MMORPGs with Millions of Users. <i>Advances in Human-Computer Interaction</i> , 2011, 2011, 1-9.	1.8	0
308	DH4SS: a distributed heuristic for QoS-based service selection. <i>International Journal of Web and Grid Services</i> , 2011, 7, 388.	0.4	3
309	Reliable web service selection via QoS uncertainty computing. <i>International Journal of Web and Grid Services</i> , 2011, 7, 410.	0.4	20
310	QoS-Aware Web Service Recommendation by Collaborative Filtering. <i>IEEE Transactions on Services Computing</i> , 2011, 4, 140-152.	3.2	674
311	Personalized Open API Recommendation in Clouds Via Item-based Collaborative Filtering. , 2011, , .		3
312	An adaptive QoS-aware fault tolerance strategy for web services. <i>Empirical Software Engineering</i> , 2010, 15, 323-345.	3.0	62
313	Optimal Fault Tolerance Strategy Selection for Web Services. <i>International Journal of Web Services Research</i> , 2010, 7, 21-40.	0.5	21
314	Distributed QoS Evaluation for Real-World Web Services. , 2010, , .		264
315	Component recommendation for cloud applications. , 2010, , .		4
316	WSExpress: A QoS-aware Search Engine for Web Services. , 2010, , .		99
317	CloudRank: A QoS-Driven Component Ranking Framework for Cloud Computing. , 2010, , .		81
318	Collaborative reliability prediction of service-oriented systems. , 2010, , .		186
319	FTCloud: A Component Ranking Framework for Fault-Tolerant Cloud Applications. , 2010, , .		53
320	WSRec: A Collaborative Filtering Based Web Service Recommender System. , 2009, , .		341
321	A QoS-Aware Middleware for Fault Tolerant Web Services. , 2008, , .		18
322	WS-DREAM: A distributed reliability assessment Mechanism for Web Services. , 2008, , .		23
323	A Distributed Replication Strategy Evaluation and Selection Framework for Fault Tolerant Web Services. , 2008, , .		67
324	RA-model. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
325	A new scheme of vulnerability analysis in smart contract with machine learning. Wireless Networks, 0, 1.	2.0	23