

Michael Sheng

List of Publications by Year in descending order

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Version: 2024-02-01

484
papers

11,620
citations

53660

45
h-index

66788

78
g-index

520
all docs

520
docs citations

520
times ranked

8366
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Survey on Community Detection With Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-21.	7.2	129
2	HeteGraph: graph learning in recommender systems via graph convolutional networks. Neural Computing and Applications, 2023, 35, 13047-13063.	3.2	9
3	A Comprehensive Survey on Graph Anomaly Detection With Deep Learning. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 12012-12038.	4.0	200
4	Multi-document Summarization via Deep Learning Techniques: A Survey. ACM Computing Surveys, 2023, 55, 1-37.	16.1	28
5	CupMar: A deep learning model for personalized news recommendation based on contextual user-profile and multi-aspect article representation. World Wide Web, 2023, 26, 713-732.	2.7	4
6	Context-Aware and Adaptive QoS Prediction for Mobile Edge Computing Services. IEEE Transactions on Services Computing, 2022, 15, 400-413.	3.2	16
7	An IoT Edge Computing Framework Using Cordova Accessor Host. IEEE Internet of Things Journal, 2022, 9, 671-683.	5.5	3
8	A Survey on Recommender Systems for Internet of Things: Techniques, Applications and Future Directions. Computer Journal, 2022, 65, 2098-2132.	1.5	19
9	Exploiting intra- and inter-session dependencies for session-based recommendations. World Wide Web, 2022, 25, 425-443.	2.7	15
10	A Survey on Session-based Recommender Systems. ACM Computing Surveys, 2022, 54, 1-38.	16.1	199
11	Communication-Efficient Semihierarchical Federated Analytics in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 12614-12627.	5.5	2
12	Locally Weighted Ensemble-Detection-Based Adaptive Random Forest Classifier for Sensor-Based Online Activity Recognition for Multiple Residents. IEEE Internet of Things Journal, 2022, 9, 13077-13085.	5.5	4
13	eRiskCom: an e-commerce risky community detection platform. VLDB Journal, 2022, 31, 1085-1101.	2.7	10
14	Trust on wheels: Towards secure and resource efficient IoV networks. Computing (Vienna/New York), 2022, 104, 1337-1358.	3.2	14
15	The Role of Communication Time in the Convergence of Federated Edge Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 3241-3254.	3.9	3
16	Selecting Workers Wisely for Crowdsourcing When Copiers and Domain Experts Co-exist. Future Internet, 2022, 14, 37.	2.4	0
17	Guest Editorial: Computational Intelligence for Human-in-the-Loop Cyber Physical Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 2-5.	3.4	4
18	Non-invasive Techniques for Monitoring Different Aspects of Sleep: A Comprehensive Review. ACM Transactions on Computing for Healthcare, 2022, 3, 1-26.	3.3	17

#	ARTICLE	IF	CITATIONS
19	Accelerating Federated Learning via Parallel Servers: A Theoretically Guaranteed Approach. IEEE/ACM Transactions on Networking, 2022, 30, 2201-2215.	2.6	1
20	Swift and Sure: Hardness-aware Contrastive Learning for Low-dimensional Knowledge Graph Embeddings. , 2022, , .		8
21	Deep CNN-LSTM Network for Indoor Location Estimation Using Analog Signals of Passive Infrared Sensors. IEEE Internet of Things Journal, 2022, 9, 22582-22594.	5.5	14
22	Performance Analysis and Optimization on Scheduling Stochastic Cloud Service Requests: A Survey. IEEE Transactions on Network and Service Management, 2022, 19, 3587-3602.	3.2	4
23	Resolving Conflicts among Unbalanced Multi-Source Data When Multi-Value Objects Exist. , 2022, , .		0
24	Transformer With Bidirectional GRU for Nonintrusive, Sensor-Based Activity Recognition in a Multiresident Environment. IEEE Internet of Things Journal, 2022, 9, 23716-23727.	5.5	7
25	IQSrec: An Efficient and Diversified Skyline Services Recommendation on Incomplete QoS. IEEE Transactions on Services Computing, 2022, , 1-14.	3.2	4
26	MedBuds: In-Ear Inertial Medication Taking Detection Using Smart Wireless Earbuds. , 2022, , .		0
27	Mashup Recommendation by Regularizing Matrix Factorization with API Co-Invocations. IEEE Transactions on Services Computing, 2021, 14, 502-515.	3.2	64
28	Integrating Context to Preferences and Goals for Goal-oriented Adaptability of Software Systems. Computer Journal, 2021, 64, 675-706.	1.5	1
29	A User-Oriented Taxi Ridesharing System with Large-Scale Urban GPS Sensor Data. IEEE Transactions on Big Data, 2021, 7, 327-340.	4.4	8
30	Incremental Graph Pattern Based Node Matching with Multiple Updates. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1585-1600.	4.0	8
31	QoS-Aware Energy Management and Node Scheduling Schemes for Sensor Network-Based Surveillance Applications. IEEE Access, 2021, 9, 3065-3096.	2.6	11
32	Partition-Aware Graph Pattern based Node Matching with Updates. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	1
33	CompactNet: A Light-Weight Deep Learning Framework for Smart Intrusive Load Monitoring. IEEE Sensors Journal, 2021, 21, 25181-25189.	2.4	1
34	Cognitive Augmentation in Processes. Lecture Notes in Computer Science, 2021, , 123-137.	1.0	6
35	RICA-MD: A Refined ICA Algorithm for Motion Detection. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-17.	3.0	0
36	MuDE: Multi-teacher Knowledge Distillation for Low-dimensional Knowledge Graph Embeddings. , 2021, , .		16

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37	Machine learning research towards combating COVID-19: Virus detection, spread prevention, and medical assistance. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103751.	2.5	47
38	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees. , 2021, , .		24
39	Can Steering Wheel Detect Your Driving Fatigue?. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 5537-5550.	3.9	7
40	A Unified Framework for Improving Misclassifications in Modern Deep Neural Networks for Sentiment Analysis. , 2021, , .		0
41	Hybrid Fuzzy C-Means CPD-Based Segmentation for Improving Sensor-Based Multiresident Activity Recognition. <i>IEEE Internet of Things Journal</i> , 2021, 8, 11193-11207.	5.5	10
42	Advancing smart building readiness: Automated metadata extraction using neural language processing methods. <i>Advances in Applied Energy</i> , 2021, 3, 100041.	6.6	10
43	Graph Learning based Recommender Systems: A Review. , 2021, , .		82
44	Dataset for toothbrushing activity using brush-attached and wearable sensors. <i>Data in Brief</i> , 2021, 37, 107248.	0.5	2
45	An internet of things service roadmap. <i>Communications of the ACM</i> , 2021, 64, 86-95.	3.3	22
46	A Survey of Trust Management in the Internet of Vehicles. <i>Electronics (Switzerland)</i> , 2021, 10, 2223.	1.8	31
47	Multi-Queue Request Scheduling for Profit Maximization in IaaS Clouds. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, 32, 2838-2851.	4.0	5
48	Data correction and evolution analysis of the ProgrammableWeb service ecosystem. <i>Journal of Systems and Software</i> , 2021, 182, 111066.	3.3	6
49	BERT-CoQAC: BERT-Based Conversational Question Answering in Context. <i>Communications in Computer and Information Science</i> , 2021, , 47-57.	0.4	6
50	A Behavioural Network Traffic Novelty Detection for the Internet of Things Infrastructures. <i>Communications in Computer and Information Science</i> , 2021, , 174-186.	0.4	1
51	Do You Brush Your Teeth Properly? An Off-body Sensor-based Approach for Toothbrushing Monitoring. , 2021, , .		3
52	TDM-CFC: Towards Document-Level Multi-label Citation Function Classification. <i>Lecture Notes in Computer Science</i> , 2021, , 363-376.	1.0	6
53	Gradient Boosted Neural Decision Forest. <i>IEEE Transactions on Services Computing</i> , 2021, , 1-1.	3.2	3
54	Towards a Deep Learning-Driven Service Discovery Framework for the Social Internet of Things: A Context-Aware Approach. <i>Lecture Notes in Computer Science</i> , 2021, , 480-488.	1.0	1

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55	Adaptive Observer Based Fault Tolerant Control for Sensor and Actuator Faults in Wind Turbines. Sensors, 2021, 21, 8170.	2.1	5
56	A Time-aware Trust Management Heuristic for the Internet of Vehicles. , 2021, , .		3
57	BERTDeep-Ware: A Cross-architecture Malware Detection Solution for IoT Systems. , 2021, , .		1
58	FRAUDRE: Fraud Detection Dual-Resistant to Graph Inconsistency and Imbalance. , 2021, , .		30
59	User Interface Derivation for Business Processes. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 560-573.	4.0	4
60	AMRNN: attended multi-task recurrent neural networks for dynamic illness severity prediction. World Wide Web, 2020, 23, 2753-2770.	2.7	19
61	Quantifying the adaptability of workflow-based service compositions. Future Generation Computer Systems, 2020, 102, 95-111.	4.9	6
62	Dynamic Edge Access System in IoT Environment. IEEE Internet of Things Journal, 2020, 7, 2509-2520.	5.5	15
63	Detecting the evolving community structure in dynamic social networks. World Wide Web, 2020, 23, 715-733.	2.7	40
64	Guest Editorial: Energy Management, Protocols, and Security for the Next-Generation Networks and Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 3515-3520.	7.2	9
65	Trust Computational Heuristic for Social Internet of Things: A Machine Learning-based Approach. , 2020, , .		21
66	Enhancing knowledge graph embedding by composite neighbors for link prediction. Computing (Vienna/New York), 2020, 102, 2587-2606.	3.2	7
67	Letâ€™s CoRank: trust of users and tweets on social networks. World Wide Web, 2020, 23, 2877-2901.	2.7	8
68	Intention Nets: Psychology-Inspired User Choice Behavior Modeling for Next-Basket Prediction. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6259-6266.	3.6	35
69	Helibot â€™ A Smart Distributed Energy Resources Platform for Futuristic Smart Grids. , 2020, , .		1
70	A Hybrid Approach for Intrusive Appliance Load Monitoring in Smart Home. , 2020, , .		3
71	MGNN: Mutualistic Graph Neural Network for Joint Friend and Item Recommendation. IEEE Intelligent Systems, 2020, 35, 7-17.	4.0	12
72	Understanding hierarchical structural evolution in a scientific discipline: A case study of artificial intelligence. Journal of Informetrics, 2020, 14, 101047.	1.4	25

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73	Soft computing techniques for big data and cloud computing. <i>Soft Computing</i> , 2020, 24, 5483-5484.	2.1	10
74	Modelling the Publishing Process of Big Location Data Using Deep Learning Prediction Methods. <i>Electronics (Switzerland)</i> , 2020, 9, 420.	1.8	7
75	Geographic-aware collaborative filtering for web service recommendation. <i>Expert Systems With Applications</i> , 2020, 151, 113347.	4.4	40
76	A review and categorization of techniques on device-free human activity recognition. <i>Journal of Network and Computer Applications</i> , 2020, 167, 102738.	5.8	89
77	Demo Abstract: An Internet of Plants System for Micro Gardens. , 2020, , .		3
78	Realizing an Internet of Secure Things: A Survey on Issues and Enabling Technologies. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 1372-1391.	24.8	63
79	A system for effectively predicting flight delays based on IoT data. <i>Computing (Vienna/New York)</i> , 2020, 102, 2025-2048.	3.2	3
80	Leveraging citation influences for Modeling scientific documents. <i>World Wide Web</i> , 2020, 23, 2281-2302.	2.7	4
81	SloTPredict: A Framework for Predicting Relationships in the Social Internet of Things. <i>Lecture Notes in Computer Science</i> , 2020, , 101-116.	1.0	10
82	Modelling Local and Global Dependencies for Next-Item Recommendations. <i>Lecture Notes in Computer Science</i> , 2020, , 285-300.	1.0	16
83	Intelligent Knowledge Lakes: The Age of Artificial Intelligence and Big Data. <i>Communications in Computer and Information Science</i> , 2020, , 24-34.	0.4	17
84	Design architectures for energy harvesting in the Internet of Things. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 128, 109901.	8.2	150
85	Efficient Human Activity Recognition Using a Single Wearable Sensor. <i>IEEE Internet of Things Journal</i> , 2020, 7, 11137-11146.	5.5	38
86	SSL-SVD. <i>ACM Transactions on Internet Technology</i> , 2020, 20, 1-20.	3.0	23
87	A Short Survey of Pre-trained Language Models for Conversational AI-A New Age in NLP. , 2020, , .		28
88	Adversarial Attacks on Deep-learning Models in Natural Language Processing. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2020, 11, 1-41.	2.9	193
89	Intention2Basket: A Neural Intention-driven Approach for Dynamic Next-basket Planning. , 2020, , .		36
90	Complex Network-Based Web Service for Web-API Discovery. , 2020, , .		1

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91	Evaluating Random Walk-Based Network Embeddings for Web Service Applications. Lecture Notes in Computer Science, 2020, , 198-205.	1.0	5
92	An Arithmetic Differential Privacy Budget Allocation Method for the Partitioning and Publishing of Location Information. , 2020, , .		1
93	The 10 Research Topics in the Internet of Things. , 2020, , .		23
94	Towards a Machine Learning-driven Trust Evaluation Model for Social Internet of Things: A Time-aware Approach. , 2020, , .		9
95	A Time-Aware Similarity-Based Trust Computational Model for Social Internet of Things. , 2020, , .		11
96	Energy Minimization for Cloud Services with Stochastic Requests. Lecture Notes in Computer Science, 2020, , 133-148.	1.0	1
97	From Appearance to Essence. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-24.	2.9	3
98	SCaRT-SIoT: towards a scalable and robust trust platform for social internet of things. , 2020, , .		1
99	Toothbrushing data and analysis of its potential use in human activity recognition applications. , 2020, , .		3
100	Towards intelligent feature engineering for risk-based customer segmentation in banking. , 2020, , .		3
101	On personalized cloud service provisioning for mobile users using adaptive and context-aware service composition. Computing (Vienna/New York), 2019, 101, 291-318.	3.2	15
102	A Hybrid Trust Management Heuristic for VANETs. , 2019, , .		26
103	Recommendations on the Internet of Things: Requirements, Challenges, and Directions. IEEE Internet Computing, 2019, 23, 46-54.	3.2	30
104	Source-Aware Crisis-Relevant Tweet Identification and Key Information Summarization. ACM Transactions on Internet Technology, 2019, 19, 1-20.	3.0	6
105	Context-Aware Multi-QoS Prediction for Services in Mobile Edge Computing. , 2019, , .		7
106	Guest Editorial: Data-Centric Big Services. IEEE Transactions on Services Computing, 2019, 12, 341-342.	3.2	0
107	iSheets: A Spreadsheet-Based Machine Learning Development Platform for Data-Driven Process Analytics. Lecture Notes in Computer Science, 2019, , 453-457.	1.0	10
108	Software-Defined Heterogeneous Vehicular Networking: The Architectural Design and Open Challenges. Future Internet, 2019, 11, 70.	2.4	57

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109	iCOP: IoT-Enabled Policing Processes. Lecture Notes in Computer Science, 2019, , 447-452.	1.0	12
110	A Fitness-Based Evolving Network for Web-APIs Discovery. , 2019, , .		5
111	A Hybrid Trust Management Model for Secure and Resource Efficient Vehicular Ad hoc Networks. , 2019, , .		3
112	Distantly Supervised Relation Extraction through a Trade-off Mechanism. , 2019, , .		0
113	Dual-stream Self-Attentive Random Forest for False Information Detection. , 2019, , .		5
114	A Framework for Internet of Things Search Engines Engineering. , 2019, , .		0
115	Dynamic Release of Big Location Data Based on Adaptive Sampling and Differential Privacy. IEEE Access, 2019, 7, 164962-164974.	2.6	6
116	IoT Device Identification via Network-Flow Based Fingerprinting and Learning. , 2019, , .		39
117	Demo Abstract: An End-to-End Real-Time Efficient System for Smart Energy Monitoring. , 2019, , .		4
118	SmartVote: a full-fledged graph-based model for multi-valued truth discovery. World Wide Web, 2019, 22, 1855-1885.	2.7	7
119	Need of Ambient Intelligence for Next-Generation Connected and Autonomous Vehicles. Computer Communications and Networks, 2019, , 133-151.	0.8	5
120	Internet of Things Meets Brain-Computer Interface: A Unified Deep Learning Framework for Enabling Human-Thing Cognitive Interactivity. IEEE Internet of Things Journal, 2019, 6, 2084-2092.	5.5	56
121	Nonrigid Point Set Registration With Robust Transformation Learning Under Manifold Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3584-3597.	7.2	108
122	ITS-Frame: A Framework for Multi-Aspect Analysis in the Field of Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2893-2902.	4.7	23
123	Transactional Behavior Verification in Business Process as a Service Configuration. IEEE Transactions on Services Computing, 2019, 12, 290-303.	3.2	6
124	Novel Artificial Bee Colony Algorithms for QoS-Aware Service Selection. IEEE Transactions on Services Computing, 2019, 12, 247-261.	3.2	35
125	Big Data Analysis and IoT. , 2019, , 141-152.		1
126	Internet of things search engine. Communications of the ACM, 2019, 62, 66-73.	3.3	19

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127	MFE-HAR. , 2019, , .		7
128	A cost-effective and non-invasive system for sleep and vital signs monitoring using passive RFID tags. , 2019, , .		9
129	STG2Seq: Spatial-Temporal Graph to Sequence Model for Multi-step Passenger Demand Forecasting. , 2019, , .		134
130	Modeling Multi-Purpose Sessions for Next-Item Recommendations via Mixture-Channel Purpose Routing Networks. , 2019, , .		80
131	Sequential Recommender Systems: Challenges, Progress and Prospects. , 2019, , .		203
132	Integrating Geographical and Functional Relevance to Implicit Data for Web Service Recommendation. Lecture Notes in Computer Science, 2019, , 53-57.	1.0	4
133	Machine Learning Based Trust Model for Misbehaviour Detection in Internet-of-Vehicles. Communications in Computer and Information Science, 2019, , 512-520.	0.4	13
134	DAMTRNN: A Delta Attention-Based Multi-task RNN for Intention Recognition. Lecture Notes in Computer Science, 2019, , 373-388.	1.0	9
135	Overcoming the Bottlenecks in Next-Generation Heterogeneous Vehicular Networks. , 2019, , .		0
136	N2TM: A New Node to Trust Matrix Method for Spam Worker Defense in Crowdsourcing Environments. Lecture Notes in Computer Science, 2019, , 119-134.	1.0	0
137	Guest Editorsâ€™ Introduction for Special Issue on Service Management for the Internet of Things. ACM Transactions on Internet Technology, 2019, 19, 1-3.	3.0	0
138	A Taxonomy and Survey of Cloud Resource Orchestration Techniques. ACM Computing Surveys, 2018, 50, 1-41.	16.1	76
139	Searching the Web of Things. ACM Computing Surveys, 2018, 50, 1-34.	16.1	44
140	WITS: an IoT-endowed computational framework for activity recognition in personalized smart homes. Computing (Vienna/New York), 2018, 100, 369-385.	3.2	49
141	Duplicate Detection in Programming Question Answering Communities. ACM Transactions on Internet Technology, 2018, 18, 1-21.	3.0	12
142	Collaborative Location Recommendation by Integrating Multi-dimensional Contextual Information. ACM Transactions on Internet Technology, 2018, 18, 1-24.	3.0	40
143	A Learning-Based Framework for Improving Querying on Web Interfaces of Curated Knowledge Bases. ACM Transactions on Internet Technology, 2018, 18, 1-20.	3.0	3
144	Device-free human localization and tracking with UHF passive RFID tags: A data-driven approach. Journal of Network and Computer Applications, 2018, 104, 78-96.	5.8	37

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145	Guest editorial: special issue on advanced data mining and applications. Computing (Vienna/New York), 2018, 100, 331-333.	3.2	0
146	Mobile cloud computing: Challenges and future research directions. Journal of Network and Computer Applications, 2018, 115, 70-85.	5.8	140
147	Guest Editorial Special Section on Engineering Industrial Big Data Analytics Platforms for Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 744-747.	7.2	4
148	SNAF: Observation filtering and location inference for event monitoring on twitter. World Wide Web, 2018, 21, 311-343.	2.7	14
149	Compressive Representation for Device-Free Activity Recognition with Passive RFID Signal Strength. IEEE Transactions on Mobile Computing, 2018, 17, 293-306.	3.9	75
150	Organizing XML Data in a Wireless Broadcast System by Exploiting Structural Similarity. Wireless Personal Communications, 2018, 98, 1299-1329.	1.8	4
151	Multi-views on Nature Index of Chinese academic institutions. Scientometrics, 2018, 114, 823-837.	1.6	6
152	Making Sense of Doppler Effect for Multi-Modal Hand Motion Detection. IEEE Transactions on Mobile Computing, 2018, 17, 2087-2100.	3.9	6
153	Learning-based SPARQL query performance modeling and prediction. World Wide Web, 2018, 21, 1015-1035.	2.7	15
154	Collaborative text categorization via exploiting sparse coefficients. World Wide Web, 2018, 21, 373-394.	2.7	3
155	Service Solution Planning Considering Prior Knowledge and Fast Retrieval. IEEE Access, 2018, 6, 68263-68276.	2.6	1
156	Individual Interest and Trust Driving Collective Intelligence Awareness for Social Recommendation. , 2018, , .		1
157	Dynamic Illness Severity Prediction via Multi-task RNNs for Intensive Care Unit. , 2018, , .		24
158	Related or Duplicate. , 2018, , .		6
159	Big Data Analysis and IoT. , 2018, , 1-12.		4
160	Identifying Price Index Classes for Electricity Consumers via Dynamic Gradient Boosting. Lecture Notes in Computer Science, 2018, , 472-486.	1.0	3
161	DUAL: A Deep Unified Attention Model with Latent Relation Representations for Fake News Detection. Lecture Notes in Computer Science, 2018, , 199-209.	1.0	19
162	Advances in applying soft computing techniques for big data and cloud computing. Soft Computing, 2018, 22, 7679-7683.	2.1	10

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163	iProcess: Enabling IoT Platforms in Data-Driven Knowledge-Intensive Processes. Lecture Notes in Business Information Processing, 2018, , 108-126.	0.8	21
164	Storytelling Integration of the Internet of Things into Business Processes. Lecture Notes in Business Information Processing, 2018, , 127-142.	0.8	10
165	Managing Data From Knowledge Bases: Querying and Extraction. , 2018, , .		3
166	Building Knowledge Bases from Unstructured Data on the Web. , 2018, , 103-121.		0
167	Converting Your Thoughts to Texts: Enabling Brain Typing via Deep Feature Learning of EEG Signals. , 2018, , .		53
168	Guest Editorial Special Issue on Integrated Computing: Computational Intelligence Paradigms and Internet of Things for Industrial Applications. IEEE Internet of Things Journal, 2018, 5, 1572-1574.	5.5	2
169	Toward Unified Cloud Service Discovery for Enhanced Service Identification. Lecture Notes in Business Information Processing, 2018, , 149-163.	0.8	3
170	An Efficient Knowledge Clustering Algorithm. , 2018, , 69-88.		0
171	Query Performance Prediction on Knowledge Base. , 2018, , 47-67.		0
172	Pattern Matching Over Linked Data Streams. , 2017, , 409-427.		0
173	Searching the Big Data: Practices and Experiences in Efficiently Querying Knowledge Bases. , 2017, , 429-453.		1
174	Detecting Duplicate Posts in Programming QA Communities via Latent Semantics and Association Rules. , 2017, , .		43
175	Value Veracity Estimation for Multi-Truth Objects via a Graph-Based Approach. , 2017, , .		4
176	Intelligent Decision Support Systems for Sustainable Computing. Studies in Computational Intelligence, 2017, , 1-6.	0.7	2
177	A service computing manifesto. Communications of the ACM, 2017, 60, 64-72.	3.3	180
178	Recovering Missing Values from Corrupted Spatio-Temporal Sensory Data via Robust Low-Rank Tensor Completion. Lecture Notes in Computer Science, 2017, , 607-622.	1.0	11
179	Towards measuring the adaptability of an AO4BPEL process. , 2017, , .		1
180	Learning Multiple Diagnosis Codes for ICU Patients with Local Disease Correlation Mining. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-21.	2.5	29

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181	A Reference Architecture for provisioning of Tools as a Service: Meta-model, Ontologies and Design Elements. <i>Future Generation Computer Systems</i> , 2017, 69, 41-65.	4.9	10
182	Mining Load Profile Patterns for Australian Electricity Consumers. <i>Lecture Notes in Computer Science</i> , 2017, , 781-793.	1.0	0
183	A Kernel-Based Approach to Developing Adaptable and Reusable Sensor Retrieval Systems for the Web of Things. <i>Lecture Notes in Computer Science</i> , 2017, , 315-329.	1.0	2
184	The Anatomy of An Intent Based Search and Crawler Engine for the Web of Things. , 2017, , 37-72.		0
185	Building Entity Graphs for the Web of Things Management. , 2017, , 275-303.		0
186	Feature Analysis for Duplicate Detection in Programming QA Communities. <i>Lecture Notes in Computer Science</i> , 2017, , 623-638.	1.0	7
187	A Tree-Based Reliability Analysis for Fault-Tolerant Web Services Composition. <i>Lecture Notes in Computer Science</i> , 2017, , 481-489.	1.0	2
188	Unveiling Correlations via Mining Human-Thing Interactions in the Web of Things. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017, 8, 1-25.	2.9	13
189	Searching for the internet of things: where it is and what it looks like. <i>Personal and Ubiquitous Computing</i> , 2017, 21, 1097-1112.	1.9	15
190	Practices and applications in ambient and intelligent information systems. <i>Personal and Ubiquitous Computing</i> , 2017, 21, 1039-1040.	1.9	0
191	S-ABC: A paradigm of service domain-oriented artificial bee colony algorithms for service selection and composition. <i>Future Generation Computer Systems</i> , 2017, 68, 304-319.	4.9	54
192	Efficient computation of distance labeling for decremental updates in large dynamic graphs. <i>World Wide Web</i> , 2017, 20, 915-937.	2.7	18
193	Mobile Cloud Computing: Challenges and Future Research Directions. , 2017, , .		34
194	Probability Matrix of Request-Solution Mapping for Efficient Service Selection. , 2017, , .		6
195	AndroCon. , 2017, , .		0
196	Expert as a Service: Software Expert Recommendation via Knowledge Domain Embeddings in Stack Overflow. , 2017, , .		11
197	Multi-Person Brain Activity Recognition via Comprehensive EEG Signal Analysis. , 2017, , .		34
198	Interpolating the Missing Values for Multi-Dimensional Spatial-Temporal Sensor Data. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
199	Identifying Domains and Concepts in Short Texts via Partial Taxonomy and Unlabeled Data. Lecture Notes in Computer Science, 2017, , 127-143.	1.0	3
200	App Update Patterns: How Developers Act on User Reviews in Mobile App Stores. Lecture Notes in Computer Science, 2017, , 125-141.	1.0	4
201	SourceVote: Fusing Multi-valued Data via Inter-source Agreements. Lecture Notes in Computer Science, 2017, , 164-172.	1.0	1
202	Intent Recognition in Smart Living Through Deep Recurrent Neural Networks. Lecture Notes in Computer Science, 2017, , 748-758.	1.0	38
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