

# Jiafu Wan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159  
papers

9,924  
citations

50  
h-index

98  
g-index

177  
ext. papers

12,083  
ext. citations

4.8  
avg, IF

6.94  
L-index

#	Paper	IF	Citations
159	Towards smart factory for industry 4.0: a self-organized multi-agent system with big data based feedback and coordination. <i>Computer Networks</i> , <b>2016</b> , 101, 158-168	5.4	761
158	Security of the Internet of Things: perspectives and challenges. <i>Wireless Networks</i> , <b>2014</b> , 20, 2481-2501	2.5	746
157	Implementing Smart Factory of Industrie 4.0: An Outlook. <i>International Journal of Distributed Sensor Networks</i> , <b>2016</b> , 12, 3159805	1.7	615
156	Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges. <i>IEEE Access</i> , <b>2018</b> , 6, 6505-6519	3.5	460
155	Security in the Internet of Things: A Review <b>2012</b> ,		355
154	A review of industrial wireless networks in the context of Industry 4.0. <i>Wireless Networks</i> , <b>2017</b> , 23, 23-41	1.5	279
153	Context-aware vehicular cyber-physical systems with cloud support: architecture, challenges, and solutions <b>2014</b> , 52, 106-113		262
152	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. <i>IEEE Sensors Journal</i> , <b>2016</b> , 1-1	4	259
151	Data Mining for the Internet of Things: Literature Review and Challenges. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 431047	1.7	241
150	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2039-2047	11.9	238
149	A survey of Cyber-Physical Systems <b>2011</b> ,		231
148	Cloud-enabled wireless body area networks for pervasive healthcare. <i>IEEE Network</i> , <b>2013</b> , 27, 56-61	11.4	212
147	A Scalable and Quick-Response Software Defined Vehicular Network Assisted by Mobile Edge Computing <b>2017</b> , 55, 94-100		203
146	A Survey of Recent Developments in Home M2M Networks. <i>IEEE Communications Surveys and Tutorials</i> , <b>2014</b> , 16, 98-114	37.1	186
145	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. <i>Sensors</i> , <b>2016</b> , 16,	3.8	161
144	A survey on position-based routing for vehicular ad hoc networks. <i>Telecommunication Systems</i> , <b>2016</b> , 62, 15-30	2.3	155
143	A Blockchain-Based Solution for Enhancing Security and Privacy in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3652-3660	11.9	147

142	Fog Computing for Energy-Aware Load Balancing and Scheduling in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 4548-4556	11.9	136
141	Adaptive Transmission Optimization in SDN-Based Industrial Internet of Things With Edge Computing. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 1351-1360	10.7	135
140	VCMIA: A Novel Architecture for Integrating Vehicular Cyber-Physical Systems and Mobile Cloud Computing. <i>Mobile Networks and Applications</i> , <b>2014</b> , 19, 153-160	2.9	135
139	Edge Computing in IoT-Based Manufacturing. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 103-109	9.1	123
138	From machine-to-machine communications towards cyber-physical systems. <i>Computer Science and Information Systems</i> , <b>2013</b> , 10, 1105-1128	0.8	117
137	A Two-Stage Approach for the Remaining Useful Life Prediction of Bearings Using Deep Neural Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3703-3711	11.9	115
136	Security in Software-Defined Networking: Threats and Countermeasures. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 764-776	2.9	107
135	Mobile Services for Customization Manufacturing Systems: An Example of Industry 4.0. <i>IEEE Access</i> , <b>2016</b> , 4, 8977-8986	3.5	97
134	. <i>IEEE Access</i> , <b>2016</b> , 4, 3246-3256	3.5	97
133	Industrial Big Data for Fault Diagnosis: Taxonomy, Review, and Applications. <i>IEEE Access</i> , <b>2017</b> , 5, 17368-17380	3.3	95
132	Machine-to-Machine Communications: Architectures, Standards and Applications. <i>KSII Transactions on Internet and Information Systems</i> , <b>2012</b> ,	1.7	95
131	Big data analytics for manufacturing internet of things: opportunities, challenges and enabling technologies. <i>Enterprise Information Systems</i> , <b>2020</b> , 14, 1279-1303	3.5	93
130	Toward Dynamic Resources Management for IoT-Based Manufacturing <b>2018</b> , 56, 52-59		92
129	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 865-878	2.9	90
128	Intelligent Fault Diagnosis of Rotor-Bearing System Under Varying Working Conditions With Modified Transfer Convolutional Neural Network and Thermal Images. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 3488-3496	11.9	89
127	High-Efficiency Urban Traffic Management in Context-Aware Computing and 5G Communication <b>2017</b> , 55, 34-40		87
126	A multimedia healthcare data sharing approach through cloud-based body area network. <i>Future Generation Computer Systems</i> , <b>2017</b> , 66, 48-58	7.5	83
125	A Hybrid Computing Solution and Resource Scheduling Strategy for Edge Computing in Smart Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 4225-4234	11.9	81

124	Industrie 4.0: Enabling technologies <b>2015</b> ,		80
123	Advances in Cyber-Physical Systems Research. <i>KSII Transactions on Internet and Information Systems</i> , <b>2011</b> , 5,	1.7	77
122	Real-time Medical Emergency Response System: Exploiting IoT and Big Data for Public Health. <i>Journal of Medical Systems</i> , <b>2016</b> , 40, 283	5.1	76
121	Security and privacy in mobile cloud computing <b>2013</b> ,		74
120	Context-Aware Cloud Robotics for Material Handling in Cognitive Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 2272-2281	10.7	73
119	An Unlicensed Taxi Identification Model Based on Big Data Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2016</b> , 17, 1703-1713	6.1	72
118	State of charge estimation for LiMn2O4 power battery based on strong tracking sigma point Kalman filter. <i>Journal of Power Sources</i> , <b>2015</b> , 279, 439-449	8.9	70
117	Cloud robotics: Current status and open issues. <i>IEEE Access</i> , <b>2016</b> , 1-1	3.5	70
116	Exploring Data Validity in Transportation Systems for Smart Cities <b>2017</b> , 55, 26-33		65
115	ERGID: An efficient routing protocol for emergency response Internet of Things. <i>Journal of Network and Computer Applications</i> , <b>2016</b> , 72, 104-112	7.9	65
114	Reconfigurable Smart Factory for Drug Packing in Healthcare Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 507-516	11.9	59
113	Industrial Big Data Analytics for Prediction of Remaining Useful Life Based on Deep Learning. <i>IEEE Access</i> , <b>2018</b> , 6, 17190-17197	3.5	58
112	Enabling cyber-physical systems with machine-to-machine technologies. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2013</b> , 13, 187	0.7	57
111	Cyber-Physical Systems for Optimal Energy Management Scheme of Autonomous Electric Vehicle. <i>Computer Journal</i> , <b>2013</b> , 56, 947-956	1.3	53
110	Artificial Intelligence for Cloud-Assisted Smart Factory. <i>IEEE Access</i> , <b>2018</b> , 6, 55419-55430	3.5	53
109	CASOA: An Architecture for Agent-Based Manufacturing System in the Context of Industry 4.0. <i>IEEE Access</i> , <b>2018</b> , 6, 12746-12754	3.5	50
108	An Ontology-Based Resource Reconfiguration Method for Manufacturing Cyber-Physical Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 2537-2546	5.5	45
107	IoT sensing framework with inter-cloud computing capability in vehicular networking. <i>Electronic Commerce Research</i> , <b>2014</b> , 14, 389-416	2.1	45

106	. <i>IEEE Wireless Communications</i> , <b>2013</b> , 20, 62-70	13.4	45
105	Embracing big data with compressive sensing: a green approach in industrial wireless networks <b>2016</b> , 54, 53-59		43
104	M2M Communications for Smart City: An Event-Based Architecture <b>2012</b> ,		42
103	An Access Control Model for Resource Sharing Based on the Role-Based Access Control Intended for Multi-Domain Manufacturing Internet of Things. <i>IEEE Access</i> , <b>2017</b> , 5, 7001-7011	3.5	40
102	A big data enabled load-balancing control for smart manufacturing of Industry 4.0. <i>Cluster Computing</i> , <b>2017</b> , 20, 1855-1864	2.1	39
101	Improving Cognitive Ability of Edge Intelligent IIoT through Machine Learning. <i>IEEE Network</i> , <b>2019</b> , 33, 61-67	11.4	37
100	Cloud-based smart manufacturing for personalized candy packing application. <i>Journal of Supercomputing</i> , <b>2018</b> , 74, 4339-4357	2.5	36
99	Modified Stacked Auto-encoder Using Adaptive Morlet Wavelet for Intelligent Fault Diagnosis of Rotating Machinery. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-1	5.5	36
98	Issues and Challenges of Wireless Sensor Networks Localization in Emerging Applications <b>2012</b> ,		33
97	Digital Twin-Driven Cyber-Physical System for Autonomously Controlling of Micro Punching System. <i>IEEE Access</i> , <b>2019</b> , 7, 9459-9469	3.5	32
96	. <i>IEEE Wireless Communications</i> , <b>2016</b> , 23, 24-29	13.4	32
95	An approach for the secure management of hybrid cloudEdge environments. <i>Future Generation Computer Systems</i> , <b>2019</b> , 90, 1-19	7.5	30
94	Cloud-assisted interaction and negotiation of industrial robots for the smart factory. <i>Computers and Electrical Engineering</i> , <b>2017</b> , 63, 66-78	4.3	29
93	Towards Key Issues of Disaster Aid based on Wireless Body Area Networks. <i>KSII Transactions on Internet and Information Systems</i> , <b>2013</b> , 7, 1014-1035	1.7	29
92	An Integrated Industrial Ethernet Solution for the Implementation of Smart Factory. <i>IEEE Access</i> , <b>2017</b> , 5, 25455-25462	3.5	28
91	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 506-517	5.5	27
90	Data quality management for service-oriented manufacturing cyber-physical systems. <i>Computers and Electrical Engineering</i> , <b>2017</b> , 64, 34-44	4.3	27
89	Artificial-Intelligence-Driven Customized Manufacturing Factory: Key Technologies, Applications, and Challenges. <i>Proceedings of the IEEE</i> , <b>2021</b> , 109, 377-398	14.3	27

88	Using Concept Lattice for Personalized Recommendation System Design. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 305-314	4.3	26
87	Knowledge Reasoning with Semantic Data for Real-Time Data Processing in Smart Factory. <i>Sensors</i> , <b>2018</b> , 18,	3.8	26
86	A Reconfigurable Method for Intelligent Manufacturing Based on Industrial Cloud and Edge Intelligence. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 4248-4259	10.7	26
85	Fuzzy feedback scheduling algorithm based on central processing unit utilization for a software-based computer numerical control system. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2010</b> , 224, 1133-1143	2.4	25
84	A time-recordable cross-layer communication protocol for the positioning of Vehicular Cyber-Physical Systems. <i>Future Generation Computer Systems</i> , <b>2016</b> , 56, 438-448	7.5	24
83	A Novel Energy-Saving One-Sided Synchronous Two-Way Ranging Algorithm for Vehicular Positioning. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 661-672	2.9	24
82	Intelligent equipment design assisted by Cognitive Internet of Things and industrial big data. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 4463-4472	4.8	24
81	Towards Real-Time Indoor Localization in Wireless Sensor Networks <b>2012</b> ,		22
80	Robot and cloud-assisted multi-modal healthcare system. <i>Cluster Computing</i> , <b>2015</b> , 18, 1295-1306	2.1	20
79	Exploring robustness management of social internet of things for customization manufacturing. <i>Future Generation Computer Systems</i> , <b>2019</b> , 92, 846-856	7.5	20
78	Proactive caching for edge computing-enabled industrial mobile wireless networks. <i>Future Generation Computer Systems</i> , <b>2018</b> , 89, 89-97	7.5	18
77	The Order Statistics Correlation Coefficient and PPMCC Fuse Non-Dimension in Fault Diagnosis of Rotating Petrochemical Unit. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 4704-4714	4	18
76	Simulation Modeling of Cyber-Physical Systems Exemplified by Unmanned Vehicles with WSNs Navigation. <i>Lecture Notes in Electrical Engineering</i> , <b>2012</b> , 269-275	0.2	18
75	KnowIME: A System to Construct a Knowledge Graph for Intelligent Manufacturing Equipment. <i>IEEE Access</i> , <b>2020</b> , 8, 41805-41813	3.5	17
74	Smart e-commerce systems: current status and research challenges. <i>Electronic Markets</i> , <b>2019</b> , 29, 221-238	4.8	16
73	Deep Feature Learning for Disease Risk Assessment Based on Convolutional Neural Network With Intra-Layer Recurrent Connection by Using Hospital Big Data. <i>IEEE Access</i> , <b>2018</b> , 6, 67927-67939	3.5	16
72	Why Deep Learning Is Changing the Way to Approach NGS Data Processing: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , <b>2018</b> , 11, 68-76	6.4	15
71	Health Monitoring and Management for Manufacturing Workers in Adverse Working Conditions. <i>Journal of Medical Systems</i> , <b>2016</b> , 40, 222	5.1	15

70	Cloud-Assisted Mobile Crowd Sensing for Traffic Congestion Control. <i>Mobile Networks and Applications</i> , <b>2017</b> , 22, 1212-1218	2.9	15
69	Cross-Network Fusion and Scheduling for Heterogeneous Networks in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 6059-6068	11.9	15
68	Resource Allocation and Service Provisioning in Multi-Agent Cloud Robotics: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 842-870	37.1	15
67	Usage-Specific Semantic Integration for Cyber-Physical Robot Systems. <i>Transactions on Embedded Computing Systems</i> , <b>2016</b> , 15, 1-20	1.8	14
66	Cloud-Assisted Cyber-Physical Systems for the Implementation of Industry 4.0. <i>Mobile Networks and Applications</i> , <b>2017</b> , 22, 1157-1158	2.9	13
65	Key Technology of Embedded System Implementation for Software-based CNC System. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , <b>2010</b> , 23, 217	2.5	13
64	Information management in IoT cloud-based tele-rehabilitation as a service for smart cities: Comparison of NoSQL approaches. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2020</b> , 151, 107218	4.6	13
63	. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 2230-2240	4.3	12
62	ALAM: Anonymous Lightweight Authentication Mechanism for SDN-Enabled Smart Homes. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9622-9633	10.7	12
61	Mining and updating association rules based on fuzzy concept lattice. <i>Future Generation Computer Systems</i> , <b>2018</b> , 82, 698-706	7.5	12
60	Deep Learning Based Weighted Feature Fusion Approach for Sentiment Analysis. <i>IEEE Access</i> , <b>2019</b> , 7, 140252-140260	3.5	11
59	An Efficient RFID Search Protocol Based On Clouds. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 356-362.9		11
58	A Taxonomy of Agent Technologies for Ubiquitous Computing Environments. <i>KSII Transactions on Internet and Information Systems</i> , <b>2012</b> ,	1.7	11
57	A clock synchronization method for EtherCAT master. <i>Microprocessors and Microsystems</i> , <b>2016</b> , 46, 211-218		10
56	. <i>IEEE Access</i> , <b>2015</b> , 3, 1755-1764	3.5	10
55	Independent Rainbow Domination of Graphs. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , <b>2019</b> , 42, 417-435	1.2	10
54	An Efficient and Clinical-Oriented 3D Liver Segmentation Method. <i>IEEE Access</i> , <b>2017</b> , 5, 18737-18744	3.5	9
53	Identifying Region-Wide Functions Using Urban Taxicab Trajectories. <i>Transactions on Embedded Computing Systems</i> , <b>2016</b> , 15, 1-19	1.8	9

52	A cloud-assisted handover optimization strategy for mobile nodes in industrial wireless networks. <i>Computer Networks</i> , <b>2017</b> , 128, 133-141	5.4	8
51	Fuzzy Feedback Scheduling Algorithm Based on Output Jitter in Resource-constrained Embedded Systems <b>2010</b> ,		8
50	A novel multimedia device ability matching technique for ubiquitous computing environments. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2013</b> , 2013,	3.2	7
49	Obstacle-avoidance minimal exposure path for heterogeneous wireless sensor networks. <i>Ad Hoc Networks</i> , <b>2017</b> , 55, 50-61	4.8	7
48	Frequency-Tracking Clock Servo for Time Synchronization in Networked Motion Control Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 11606-11614	3.5	6
47	The implementation and experimental research on an S-curve acceleration and deceleration control algorithm with the characteristics of end-point and target speed modification on the fly. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 91, 1145-1169	3.2	6
46	IEEE Access Special Section Editorial: Key Technologies for Smart Factory of Industry 4.0. <i>IEEE Access</i> , <b>2019</b> , 7, 17969-17974	3.5	6
45	RGB-D Image Processing Algorithm for Target Recognition and Pose Estimation of Visual Servo System. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
44	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7647-7661	6.8	6
43	Energy Management Framework Designed for Autonomous Electric Vehicle with Sensor Networks Navigation <b>2012</b> ,		6
42	Information fusion for edge intelligence: A survey. <i>Information Fusion</i> , <b>2022</b> , 81, 171-186	16.7	6
41	Cloud-Edge Collaboration-Based Knowledge Sharing Mechanism for Manufacturing Resources. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3188	2.6	6
40	A Thing-Edge-Cloud Collaborative Computing Decision-Making Method for Personalized Customization Production. <i>IEEE Access</i> , <b>2021</b> , 9, 10962-10973	3.5	6
39	An IoT-Based Cyber-Physical Framework for Turbine Assembly Systems. <i>IEEE Access</i> , <b>2020</b> , 8, 59732-59740	3.5	5
38	Cloud-assisted Industrial Systems and Applications. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 822-824	2.9	5
37	Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 271	5.1	5
36	Codesign of networked control systems: A review from different perspectives <b>2011</b> ,		5
35	From Models to Code: Automatic Development Process for Embedded Control System <b>2008</b> ,		5



34	Detection of Outliers in Sensor Data Based on Adaptive Moving Average Fitting. <i>Sensor Letters</i> , <b>2013</b> , 11, 877-882	0.9	5
33	M-plan: Multipath Planning based transmissions for IoT multimedia sensing <b>2016</b> ,		5
32	Software-Defined Industrial Internet of Things. <i>Wireless Communications and Mobile Computing</i> , <b>2019</b> , 2019, 1-2	1.9	4
31	Improvement of type declaration of the IEC 61499 basic function block for developing applications of cyber-physical system. <i>Microprocessors and Microsystems</i> , <b>2015</b> , 39, 1255-1261	2.4	4
30	Exploiting Industrial Big Data Strategy for Load Balancing in Industrial Wireless Mobile Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 6644-6653	3.5	4
29	A smart factory solution to hybrid production of multi-type products with reduced intelligence <b>2016</b> ,		4
28	A Big Data Centric Integrated Framework and Typical System Configurations for Smart Factory. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2016</b> , 12-23	0.2	4
27	Machine-Learning-Driven Digital Twin for Lifecycle Management of Complex Equipment. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2022</b> , 1-1	4.1	3
26	IEEE Access Special Section Editorial: Smart Cities. <i>IEEE Access</i> , <b>2016</b> , 4, 3671-3674	3.5	3
25	Emerging Trends of ML-based Intelligent Services for Industrial Internet of Things (IIoT) <b>2019</b> ,		3
24	Cloud Robotics: Insight and Outlook. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2016</b> , 94-103	0.2	2
23	Data Acquisition and Analysis from Equipment to Mobile Terminal in Industrial Internet of Things. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2016</b> , 24-35	0.2	2
22	Towards a Component-Based Model Integration Approach for Embedded Computer Control System <b>2008</b> ,		2
21	A Two-level Hierarchical Scheduling Scheme for Hybrid Tasks in Priority-Based Preemptive Systems <b>2008</b> ,		2
20	An Open Architecture Numerical Control System Based on Windows CE <b>2007</b> ,		2
19	A Novel Concept Lattice Merging Algorithm Based on Collision Detection. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2014</b> , 489-495	0.2	2
18	Vehicular Cyber-Physical Systems with Mobile Cloud Computing Support. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2014</b> , 27-35	0.2	2
17	Improving Spectator Sports Safety by Cyber-Physical Systems: Challenges and Solutions. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 731-739	0.2	2

16	Scalable distributed control plane for On-line social networks support cognitive neural computing in software defined networks. <i>Future Generation Computer Systems</i> , <b>2019</b> , 93, 993-1001	7.5	2
15	Evaluating an Application Aware Distributed Dijkstra Shortest Path Algorithm in Hybrid Cloud/Edge Environments. <i>IEEE Transactions on Sustainable Computing</i> , <b>2021</b> , 1-1	3.5	2
14	. <i>IEEE Access</i> , <b>2019</b> , 7, 68734-68741	3.5	1
13	A multi-view integration modeling approach for cyber-physical robot system <b>2013</b> ,		1
12	IEEE Access Special Section Editorial: Healthcare Big Data. <i>IEEE Access</i> , <b>2018</b> , 6, 50555-50558	3.5	1
11	Vehicle Destination Prediction Using Bidirectional LSTM with Attention Mechanism.. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
10	Exploring Equipment Electrocardiogram Mechanism for Performance Degradation Monitoring in Smart Manufacturing. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 2276-2286	5.5	0
9	Electronic Commerce Platform of Manufacturing Industry Under Industrial Internet of Things. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2016</b> , 137-143	0.2	0
8	A product-process-resource based formal modelling framework for customized manufacturing in cyber-physical production systems. <i>International Journal of Computer Integrated Manufacturing</i> , 1-21	4.3	0
7	LCANet: Lightweight Context-Aware Attention Networks for Earthquake Detection and Phase-Picking on IoT Edge Devices. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-12	4.3	0
6	A Map-Reduce Approach for the Dijkstra Algorithm in SDN Over Osmotic Computing Systems. <i>International Journal of Parallel Programming</i> , <b>2021</b> , 49, 347-375	1.5	0
5	Semi-supervised fault diagnosis of machinery using LPS-DGAT under speed fluctuation and extremely low labeled rates. <i>Advanced Engineering Informatics</i> , <b>2022</b> , 53, 101648	7.4	0
4	Analysis Model for Ethernet-based CNC Embedded Implementation. <i>Procedia Engineering</i> , <b>2011</b> , 15, 448-453		
3	Model-Based Method to Codesign of Control, Computing, and Communications with Resource Constraints. <i>Procedia Engineering</i> , <b>2011</b> , 24, 116-122		
2	Performance analysis model for real-time Ethernet-based computer numerical control system. <i>Journal of Central South University</i> , <b>2011</b> , 18, 1545-1553	2.1	
1	Sleep Scheduling Method Based on Half-Sleep State in the Distributed Sensor Network. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2014</b> , 496-505	0.2	