

Jiafu Wan

List of Publications by Year in Descending Order

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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	Machine-Learning-Driven Digital Twin for Lifecycle Management of Complex Equipment. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2022 , 1-1	4.1	3
158	Information fusion for edge intelligence: A survey. <i>Information Fusion</i> , 2022 , 81, 171-186	16.7	6
157	Semi-supervised fault diagnosis of machinery using LPS-DGAT under speed fluctuation and extremely low labeled rates. <i>Advanced Engineering Informatics</i> , 2022 , 53, 101648	7.4	0
156	LCANet: Lightweight Context-Aware Attention Networks for Earthquake Detection and Phase-Picking on IoT Edge Devices. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	0
155	A Map-Reduce Approach for the Dijkstra Algorithm in SDN Over Osmotic Computing Systems. <i>International Journal of Parallel Programming</i> , 2021 , 49, 347-375	1.5	0
154	Cloud-Edge Collaboration-Based Knowledge Sharing Mechanism for Manufacturing Resources. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3188	2.6	6
153	Artificial-Intelligence-Driven Customized Manufacturing Factory: Key Technologies, Applications, and Challenges. <i>Proceedings of the IEEE</i> , 2021 , 109, 377-398	14.3	27
152	. <i>IEEE Systems Journal</i> , 2021 , 15, 2230-2240	4.3	12
151	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> , 2021 , 17, 3488-3496	11.9	89
150	ALAM: Anonymous Lightweight Authentication Mechanism for SDN-Enabled Smart Homes. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9622-9633	10.7	12
149	Evaluating an Application Aware Distributed Dijkstra Shortest Path Algorithm in Hybrid Cloud/Edge Environments. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 1-1	3.5	2
148	Resource Allocation and Service Provisioning in Multi-Agent Cloud Robotics: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2021 , 23, 842-870	37.1	15
147	A Thing-Edge-Cloud Collaborative Computing Decision-Making Method for Personalized Customization Production. <i>IEEE Access</i> , 2021 , 9, 10962-10973	3.5	6
146	Modified Stacked Auto-encoder Using Adaptive Morlet Wavelet for Intelligent Fault Diagnosis of Rotating Machinery. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 1-1	5.5	36
145	Vehicle Destination Prediction Using Bidirectional LSTM with Attention Mechanism.. <i>Sensors</i> , 2021 , 21,	3.8	1
144	Exploring Equipment Electrocardiogram Mechanism for Performance Degradation Monitoring in Smart Manufacturing. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 2276-2286	5.5	0
143	KnowIME: A System to Construct a Knowledge Graph for Intelligent Manufacturing Equipment. <i>IEEE Access</i> , 2020 , 8, 41805-41813	3.5	17

142	RGB-D Image Processing Algorithm for Target Recognition and Pose Estimation of Visual Servo System. <i>Sensors</i> , 2020 , 20,	3.8	6
141	An IoT-Based Cyber-Physical Framework for Turbine Assembly Systems. <i>IEEE Access</i> , 2020 , 8, 59732-59740	3.5	5
140	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> , 2020 , 151, 107218	4.6	13
139	A Reconfigurable Method for Intelligent Manufacturing Based on Industrial Cloud and Edge Intelligence. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4248-4259	10.7	26
138	Cross-Network Fusion and Scheduling for Heterogeneous Networks in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6059-6068	11.9	15
137	Intelligent equipment design assisted by Cognitive Internet of Things and industrial big data. <i>Neural Computing and Applications</i> , 2020 , 32, 4463-4472	4.8	24
136	Big data analytics for manufacturing internet of things: opportunities, challenges and enabling technologies. <i>Enterprise Information Systems</i> , 2020 , 14, 1279-1303	3.5	93
135	. <i>IEEE Access</i> , 2019 , 7, 68734-68741	3.5	1
134	Deep Learning Based Weighted Feature Fusion Approach for Sentiment Analysis. <i>IEEE Access</i> , 2019 , 7, 140252-140260	3.5	11
133	Digital Twin-Driven Cyber-Physical System for Autonomously Controlling of Micro Punching System. <i>IEEE Access</i> , 2019 , 7, 9459-9469	3.5	32
132	A Blockchain-Based Solution for Enhancing Security and Privacy in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3652-3660	11.9	147
131	Software-Defined Industrial Internet of Things. <i>Wireless Communications and Mobile Computing</i> , 2019 , 2019, 1-2	1.9	4
130	IEEE Access Special Section Editorial: Key Technologies for Smart Factory of Industry 4.0. <i>IEEE Access</i> , 2019 , 7, 17969-17974	3.5	6
129	A Hybrid Computing Solution and Resource Scheduling Strategy for Edge Computing in Smart Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4225-4234	11.9	81
128	Reconfigurable Smart Factory for Drug Packing in Healthcare Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 507-516	11.9	59
127	An approach for the secure management of hybrid cloud-Edge environments. <i>Future Generation Computer Systems</i> , 2019 , 90, 1-19	7.5	30
126	Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint. <i>Journal of Medical Systems</i> , 2019 , 43, 271	5.1	5
125	Emerging Trends of ML-based Intelligent Services for Industrial Internet of Things (IIoT) 2019 ,		3

124	Improving Cognitive Ability of Edge Intelligent IIoT through Machine Learning. <i>IEEE Network</i> , 2019 , 33, 61-67	11.4	37
123	A Two-Stage Approach for the Remaining Useful Life Prediction of Bearings Using Deep Neural Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3703-3711	11.9	115
122	Exploring robustness management of social internet of things for customization manufacturing. <i>Future Generation Computer Systems</i> , 2019 , 92, 846-856	7.5	20
121	Smart e-commerce systems: current status and research challenges. <i>Electronic Markets</i> , 2019 , 29, 221-238	8.8	16
120	Scalable distributed control plane for On-line social networks support cognitive neural computing in software defined networks. <i>Future Generation Computer Systems</i> , 2019 , 93, 993-1001	7.5	2
119	Independent Rainbow Domination of Graphs. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019 , 42, 417-435	1.2	10
118	Industrial Big Data Analytics for Prediction of Remaining Useful Life Based on Deep Learning. <i>IEEE Access</i> , 2018 , 6, 17190-17197	3.5	58
117	Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges. <i>IEEE Access</i> , 2018 , 6, 6505-6519	3.5	460
116	Adaptive Transmission Optimization in SDN-Based Industrial Internet of Things With Edge Computing. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1351-1360	10.7	135
115	Toward Dynamic Resources Management for IoT-Based Manufacturing 2018 , 56, 52-59		92
114	Exploiting Industrial Big Data Strategy for Load Balancing in Industrial Wireless Mobile Networks. <i>IEEE Access</i> , 2018 , 6, 6644-6653	3.5	4
113	Why Deep Learning Is Changing the Way to Approach NGS Data Processing: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2018 , 11, 68-76	6.4	15
112	An Ontology-Based Resource Reconfiguration Method for Manufacturing Cyber-Physical Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018 , 23, 2537-2546	5.5	45
111	Fog Computing for Energy-Aware Load Balancing and Scheduling in Smart Factory. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 4548-4556	11.9	136
110	Cloud-based smart manufacturing for personalized candy packing application. <i>Journal of Supercomputing</i> , 2018 , 74, 4339-4357	2.5	36
109	Context-Aware Cloud Robotics for Material Handling in Cognitive Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2272-2281	10.7	73
108	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018 , 23, 506-517	5.5	27
107	CASOA: An Architecture for Agent-Based Manufacturing System in the Context of Industry 4.0. <i>IEEE Access</i> , 2018 , 6, 12746-12754	3.5	50

106	Proactive caching for edge computing-enabled industrial mobile wireless networks. <i>Future Generation Computer Systems</i> , 2018 , 89, 89-97	7.5	18
105	Knowledge Reasoning with Semantic Data for Real-Time Data Processing in Smart Factory. <i>Sensors</i> , 2018 , 18,	3.8	26
104	The Order Statistics Correlation Coefficient and PPMCC Fuse Non-Dimension in Fault Diagnosis of Rotating Petrochemical Unit. <i>IEEE Sensors Journal</i> , 2018 , 18, 4704-4714	4	18
103	Mining and updating association rules based on fuzzy concept lattice. <i>Future Generation Computer Systems</i> , 2018 , 82, 698-706	7.5	12
102	IEEE Access Special Section Editorial: Healthcare Big Data. <i>IEEE Access</i> , 2018 , 6, 50555-50558	3.5	1
101	Artificial Intelligence for Cloud-Assisted Smart Factory. <i>IEEE Access</i> , 2018 , 6, 55419-55430	3.5	53
100	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> , 2018 , 6, 67927-67939	3.5	16
99	Edge Computing in IoT-Based Manufacturing. <i>IEEE Communications Magazine</i> , 2018 , 56, 103-109	9.1	123
98	A multimedia healthcare data sharing approach through cloud-based body area network. <i>Future Generation Computer Systems</i> , 2017 , 66, 48-58	7.5	83
97	A review of industrial wireless networks in the context of Industry 4.0. <i>Wireless Networks</i> , 2017 , 23, 23-41.5	4.5	279
96	Using Concept Lattice for Personalized Recommendation System Design. <i>IEEE Systems Journal</i> , 2017 , 11, 305-314	4.3	26
95	High-Efficiency Urban Traffic Management in Context-Aware Computing and 5G Communication 2017 , 55, 34-40		87
94	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2039-2047	11.9	238
93	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> , 2017 , 5, 7001-7011	3.5	40
92	A big data enabled load-balancing control for smart manufacturing of Industry 4.0. <i>Cluster Computing</i> , 2017 , 20, 1855-1864	2.1	39
91	Exploring Data Validity in Transportation Systems for Smart Cities 2017 , 55, 26-33		65
90	Cloud-Assisted Cyber-Physical Systems for the Implementation of Industry 4.0. <i>Mobile Networks and Applications</i> , 2017 , 22, 1157-1158	2.9	13
89	Frequency-Tracking Clock Servo for Time Synchronization in Networked Motion Control Systems. <i>IEEE Access</i> , 2017 , 5, 11606-11614	3.5	6

88	A cloud-assisted handover optimization strategy for mobile nodes in industrial wireless networks. <i>Computer Networks</i> , 2017 , 128, 133-141	5.4	8
87	Cloud-assisted interaction and negotiation of industrial robots for the smart factory. <i>Computers and Electrical Engineering</i> , 2017 , 63, 66-78	4.3	29
86	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> , 2017 , 91, 1145-1169	3.2	6
85	Industrial Big Data for Fault Diagnosis: Taxonomy, Review, and Applications. <i>IEEE Access</i> , 2017 , 5, 17368-17380	3.3	95
84	A Scalable and Quick-Response Software Defined Vehicular Network Assisted by Mobile Edge Computing 2017 , 55, 94-100		203
83	Data quality management for service-oriented manufacturing cyber-physical systems. <i>Computers and Electrical Engineering</i> , 2017 , 64, 34-44	4.3	27
82	Obstacle-avoidance minimal exposure path for heterogeneous wireless sensor networks. <i>Ad Hoc Networks</i> , 2017 , 55, 50-61	4.8	7
81	An Integrated Industrial Ethernet Solution for the Implementation of Smart Factory. <i>IEEE Access</i> , 2017 , 5, 25455-25462	3.5	28
80	An Efficient and Clinical-Oriented 3D Liver Segmentation Method. <i>IEEE Access</i> , 2017 , 5, 18737-18744	3.5	9
79	Cloud-Assisted Mobile Crowd Sensing for Traffic Congestion Control. <i>Mobile Networks and Applications</i> , 2017 , 22, 1212-1218	2.9	15
78	A survey on position-based routing for vehicular ad hoc networks. <i>Telecommunication Systems</i> , 2016 , 62, 15-30	2.3	155
77	Cloud Robotics: Insight and Outlook. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016 , 94-103	0.2	2
76	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> , 2016 , 137-143	0.2	0
75	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> , 2016 , 24-35	0.2	2
74	Mobile Services for Customization Manufacturing Systems: An Example of Industry 4.0. <i>IEEE Access</i> , 2016 , 4, 8977-8986	3.5	97
73	Cloud-assisted Industrial Systems and Applications. <i>Mobile Networks and Applications</i> , 2016 , 21, 822-824	2.9	5
72	Health Monitoring and Management for Manufacturing Workers in Adverse Working Conditions. <i>Journal of Medical Systems</i> , 2016 , 40, 222	5.1	15
71	ERGID: An efficient routing protocol for emergency response Internet of Things. <i>Journal of Network and Computer Applications</i> , 2016 , 72, 104-112	7.9	65

70	Embracing big data with compressive sensing: a green approach in industrial wireless networks 2016 , 54, 53-59		43
69	Real-time Medical Emergency Response System: Exploiting IoT and Big Data for Public Health. <i>Journal of Medical Systems</i> , 2016 , 40, 283	5.1	76
68	. <i>IEEE Wireless Communications</i> , 2016 , 23, 24-29	13.4	32
67	A smart factory solution to hybrid production of multi-type products with reduced intelligence 2016 ,		4
66	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> , 2016 , 12-23	0.2	4
65	A clock synchronization method for EtherCAT master. <i>Microprocessors and Microsystems</i> , 2016 , 46, 211-218		10
64	Security in Software-Defined Networking: Threats and Countermeasures. <i>Mobile Networks and Applications</i> , 2016 , 21, 764-776	2.9	107
63	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications. <i>Mobile Networks and Applications</i> , 2016 , 21, 865-878	2.9	90
62	Towards smart factory for industry 4.0: a self-organized multi-agent system with big data based feedback and coordination. <i>Computer Networks</i> , 2016 , 101, 158-168	5.4	761
61	An Unlicensed Taxi Identification Model Based on Big Data Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 1703-1713	6.1	72
60	A time-recordable cross-layer communication protocol for the positioning of Vehicular Cyber-Physical Systems. <i>Future Generation Computer Systems</i> , 2016 , 56, 438-448	7.5	24
59	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7647-7661	6.8	6
58	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. <i>Sensors</i> , 2016 , 16,	3.8	161
57	. <i>IEEE Access</i> , 2016 , 4, 3246-3256	3.5	97
56	Cloud robotics: Current status and open issues. <i>IEEE Access</i> , 2016 , 1-1	3.5	70
55	Identifying Region-Wide Functions Using Urban Taxicab Trajectories. <i>Transactions on Embedded Computing Systems</i> , 2016 , 15, 1-19	1.8	9
54	Usage-Specific Semantic Integration for Cyber-Physical Robot Systems. <i>Transactions on Embedded Computing Systems</i> , 2016 , 15, 1-20	1.8	14
53	IEEE Access Special Section Editorial: Smart Cities. <i>IEEE Access</i> , 2016 , 4, 3671-3674	3.5	3

52	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. <i>IEEE Sensors Journal</i> , 2016 , 1-1	4	259
51	Implementing Smart Factory of Industrie 4.0: An Outlook. <i>International Journal of Distributed Sensor Networks</i> , 2016 , 12, 3159805	1.7	615
50	M-plan: Multipath Planning based transmissions for IoT multimedia sensing 2016 ,		5
49	Improvement of type declaration of the IEC 61499 basic function block for developing applications of cyber-physical system. <i>Microprocessors and Microsystems</i> , 2015 , 39, 1255-1261	2.4	4
48	An Efficient RFID Search Protocol Based On Clouds. <i>Mobile Networks and Applications</i> , 2015 , 20, 356-362	2.9	11
47	Industrie 4.0: Enabling technologies 2015 ,		80
46	Robot and cloud-assisted multi-modal healthcare system. <i>Cluster Computing</i> , 2015 , 18, 1295-1306	2.1	20
45	A Novel Energy-Saving One-Sided Synchronous Two-Way Ranging Algorithm for Vehicular Positioning. <i>Mobile Networks and Applications</i> , 2015 , 20, 661-672	2.9	24
44	. <i>IEEE Access</i> , 2015 , 3, 1755-1764	3.5	10
43	State of charge estimation for LiMn2O4 power battery based on strong tracking sigma point Kalman filter. <i>Journal of Power Sources</i> , 2015 , 279, 439-449	8.9	70
42	Data Mining for the Internet of Things: Literature Review and Challenges. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 431047	1.7	241
41	VCMA: A Novel Architecture for Integrating Vehicular Cyber-Physical Systems and Mobile Cloud Computing. <i>Mobile Networks and Applications</i> , 2014 , 19, 153-160	2.9	135
40	IoT sensing framework with inter-cloud computing capability in vehicular networking. <i>Electronic Commerce Research</i> , 2014 , 14, 389-416	2.1	45
39	Context-aware vehicular cyber-physical systems with cloud support: architecture, challenges, and solutions 2014 , 52, 106-113		262
38	A Survey of Recent Developments in Home M2M Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2014 , 16, 98-114	37.1	186
37	Security of the Internet of Things: perspectives and challenges. <i>Wireless Networks</i> , 2014 , 20, 2481-2501	2.5	746
36	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> , 2014 , 489-495	0.2	2
35	Vehicular Cyber-Physical Systems with Mobile Cloud Computing Support. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2014 , 27-35	0.2	2

34	Improving Spectator Sports Safety by Cyber-Physical Systems: Challenges and Solutions. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 731-739	0.2	2
33	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> , 2014 , 496-505	0.2	
32	A novel multimedia device ability matching technique for ubiquitous computing environments. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	7
31	Cloud-enabled wireless body area networks for pervasive healthcare. <i>IEEE Network</i> , 2013 , 27, 56-61	11.4	212
30	. <i>IEEE Wireless Communications</i> , 2013 , 20, 62-70	13.4	45
29	Security and privacy in mobile cloud computing 2013 ,		74
28	Enabling cyber-physical systems with machine-to-machine technologies. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2013 , 13, 187	0.7	57
27	A multi-view integration modeling approach for cyber-physical robot system 2013 ,		1
26	From machine-to-machine communications towards cyber-physical systems. <i>Computer Science and Information Systems</i> , 2013 , 10, 1105-1128	0.8	117
25	Cyber-Physical Systems for Optimal Energy Management Scheme of Autonomous Electric Vehicle. <i>Computer Journal</i> , 2013 , 56, 947-956	1.3	53
24	Detection of Outliers in Sensor Data Based on Adaptive Moving Average Fitting. <i>Sensor Letters</i> , 2013 , 11, 877-882	0.9	5
23	Towards Key Issues of Disaster Aid based on Wireless Body Area Networks. <i>KSII Transactions on Internet and Information Systems</i> , 2013 , 7, 1014-1035	1.7	29
22	Issues and Challenges of Wireless Sensor Networks Localization in Emerging Applications 2012 ,		33
21	Energy Management Framework Designed for Autonomous Electric Vehicle with Sensor Networks Navigation 2012 ,		6
20	Towards Real-Time Indoor Localization in Wireless Sensor Networks 2012 ,		22
19	M2M Communications for Smart City: An Event-Based Architecture 2012 ,		42
18	Security in the Internet of Things: A Review 2012 ,		355
17	Machine-to-Machine Communications: Architectures, Standards and Applications. <i>KSII Transactions on Internet and Information Systems</i> , 2012 ,	1.7	95

16	A Taxonomy of Agent Technologies for Ubiquitous Computing Environments. <i>KSII Transactions on Internet and Information Systems</i> , 2012 ,	1.7	11
15	Simulation Modeling of Cyber-Physical Systems Exemplified by Unmanned Vehicles with WSNs Navigation. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 269-275	0.2	18
14	Analysis Model for Ethernet-based CNC Embedded Implementation. <i>Procedia Engineering</i> , 2011 , 15, 448-453		
13	Model-Based Method to Codesign of Control, Computing, and Communications with Resource Constraints. <i>Procedia Engineering</i> , 2011 , 24, 116-122		
12	Codesign of networked control systems: A review from different perspectives 2011 ,		5
11	A survey of Cyber-Physical Systems 2011 ,		231
10	Performance analysis model for real-time Ethernet-based computer numerical control system. <i>Journal of Central South University</i> , 2011 , 18, 1545-1553	2.1	
9	Advances in Cyber-Physical Systems Research. <i>KSII Transactions on Internet and Information Systems</i> , 2011 , 5,	1.7	77
8	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> , 2010 , 224, 1133-1143	2.4	25
7	Fuzzy Feedback Scheduling Algorithm Based on Output Jitter in Resource-constrained Embedded Systems 2010 ,		8
6	Key Technology of Embedded System Implementation for Software-based CNC System. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2010 , 23, 217	2.5	13
5	Towards a Component-Based Model Integration Approach for Embedded Computer Control System 2008 ,		2
4	A Two-level Hierarchical Scheduling Scheme for Hybrid Tasks in Priority-Based Preemptive Systems 2008 ,		2
3	From Models to Code: Automatic Development Process for Embedded Control System 2008 ,		5
2	An Open Architecture Numerical Control System Based on Windows CE 2007 ,		2
1	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