

Jiafu Wan

List of Publications by Year in descending order

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172
papers

14,369
citations

34105

52
h-index

25787

108
g-index

178
all docs

178
docs citations

178
times ranked

12903
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous Network Access and Fusion in Smart Factory: A Survey. ACM Computing Surveys, 2023, 55, 1-31.	23.0	4
2	Evaluating an Application Aware Distributed Dijkstra Shortest Path Algorithm in Hybrid Cloud/Edge Environments. IEEE Transactions on Sustainable Computing, 2022, 7, 289-298.	3.1	9
3	Modified Stacked Autoencoder Using Adaptive Morlet Wavelet for Intelligent Fault Diagnosis of Rotating Machinery. IEEE/ASME Transactions on Mechatronics, 2022, 27, 24-33.	5.8	108
4	LCANet: Lightweight Context-Aware Attention Networks for Earthquake Detection and Phase-Picking on IoT Edge Devices. IEEE Systems Journal, 2022, 16, 4024-4035.	4.6	4
5	Information fusion for edge intelligence: A survey. Information Fusion, 2022, 81, 171-186.	19.1	42
6	Machine-Learning-Driven Digital Twin for Lifecycle Management of Complex Equipment. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 9-22.	4.6	36
7	A product-process-resource based formal modelling framework for customized manufacturing in cyber-physical production systems. International Journal of Computer Integrated Manufacturing, 2022, 35, 598-618.	4.6	3
8	Semi-supervised fault diagnosis of machinery using LPS-DGAT under speed fluctuation and extremely low labeled rates. Advanced Engineering Informatics, 2022, 53, 101648.	8.0	22
9	Special section on Internet of Things and Artificial Intelligence for Product Life-cycle Management of Complex Equipment. IEEE Transactions on Industrial Informatics, 2022, , 1-4.	11.3	0
10	An Edge Computing Node Deployment Method Based on Improved k -Means Clustering Algorithm for Smart Manufacturing. IEEE Systems Journal, 2021, 15, 2230-2240.	4.6	32
11	Intelligent Fault Diagnosis of Rotor-Bearing System Under Varying Working Conditions With Modified Transfer Convolutional Neural Network and Thermal Images. IEEE Transactions on Industrial Informatics, 2021, 17, 3488-3496.	11.3	251
12	ALAM: Anonymous Lightweight Authentication Mechanism for SDN-Enabled Smart Homes. IEEE Internet of Things Journal, 2021, 8, 9622-9633.	8.7	33
13	Resource Allocation and Service Provisioning in Multi-Agent Cloud Robotics: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 842-870.	39.4	66
14	A Thing-Edge-Cloud Collaborative Computing Decision-Making Method for Personalized Customization Production. IEEE Access, 2021, 9, 10962-10973.	4.2	15
15	Strengthening Digital Twin Applications based on Machine Learning for Complex Equipment. , 2021, , .		3
16	A Map-Reduce Approach for the Dijkstra Algorithm in SDN Over Osmotic Computing Systems. International Journal of Parallel Programming, 2021, 49, 347-375.	1.5	2
17	Cloud-Edge Collaboration-Based Knowledge Sharing Mechanism for Manufacturing Resources. Applied Sciences (Switzerland), 2021, 11, 3188.	2.5	11
18	Artificial-Intelligence-Driven Customized Manufacturing Factory: Key Technologies, Applications, and Challenges. Proceedings of the IEEE, 2021, 109, 377-398.	21.3	85

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19	Simulation Optimization of the Prototype for Hybrid Production of Multi-Type Products. , 2021, , .		0
20	Design and Implementation of the Prototype for Hybrid Production of Multi-Type Products. , 2021, , .		0
21	Guest Editorial: Introduction to the special section on Edge Intelligence in Industrial Applications (VSI-eia). Computers and Electrical Engineering, 2021, 92, 107150.	4.8	0
22	Vehicle Destination Prediction Using Bidirectional LSTM with Attention Mechanism. Sensors, 2021, 21, 8443.	3.8	6
23	Smart Scheduling for Flexible and Hybrid Production with Multi-Agent Deep Reinforcement Learning. , 2021, , .		1
24	Factory Operating System (FOS): Vertical Integration Framework for Smart Factories. , 2021, , .		0
25	Intelligent equipment design assisted by Cognitive Internet of Things and industrial big data. Neural Computing and Applications, 2020, 32, 4463-4472.	5.6	30
26	Big data analytics for manufacturing internet of things: opportunities, challenges and enabling technologies. Enterprise Information Systems, 2020, 14, 1279-1303.	4.7	169
27	Information management in IoT cloud-based tele-rehabilitation as a service for smart cities: Comparison of NoSQL approaches. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107218.	5.0	30
28	A Reconfigurable Method for Intelligent Manufacturing Based on Industrial Cloud and Edge Intelligence. IEEE Internet of Things Journal, 2020, 7, 4248-4259.	8.7	48
29	Cross-Network Fusion and Scheduling for Heterogeneous Networks in Smart Factory. IEEE Transactions on Industrial Informatics, 2020, 16, 6059-6068.	11.3	30
30	Exploring Equipment Electrocardiogram Mechanism for Performance Degradation Monitoring in Smart Manufacturing. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2276-2286.	5.8	4
31	KnowIME: A System to Construct a Knowledge Graph for Intelligent Manufacturing Equipment. IEEE Access, 2020, 8, 41805-41813.	4.2	35
32	RGB-D Image Processing Algorithm for Target Recognition and Pose Estimation of Visual Servo System. Sensors, 2020, 20, 430.	3.8	15
33	An IoT-Based Cyber-Physical Framework for Turbine Assembly Systems. IEEE Access, 2020, 8, 59732-59740.	4.2	8
34	Reconfigurable Smart Factory for Drug Packing in Healthcare Industry 4.0. IEEE Transactions on Industrial Informatics, 2019, 15, 507-516.	11.3	97
35	An approach for the secure management of hybrid cloud“edge environments. Future Generation Computer Systems, 2019, 90, 1-19.	7.5	38
36	Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint. Journal of Medical Systems, 2019, 43, 271.	3.6	7

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37	Data-Driven Reallocation of Workers in Engineering-to-Order Assembly Islands: A Case Study. IEEE Access, 2019, 7, 68734-68741.	4.2	2
38	Deep Learning Based Weighted Feature Fusion Approach for Sentiment Analysis. IEEE Access, 2019, 7, 140252-140260.	4.2	18
39	Digital Twin-Driven Cyber-Physical System for Autonomously Controlling of Micro Punching System. IEEE Access, 2019, 7, 9459-9469.	4.2	69
40	A Blockchain-Based Solution for Enhancing Security and Privacy in Smart Factory. IEEE Transactions on Industrial Informatics, 2019, 15, 3652-3660.	11.3	242
41	Software-Defined Industrial Internet of Things. Wireless Communications and Mobile Computing, 2019, 2019, 1-2.	1.2	5
42	IEEE Access Special Section Editorial: Key Technologies for Smart Factory of Industry 4.0. IEEE Access, 2019, 7, 17969-17974.	4.2	13
43	A Hybrid Computing Solution and Resource Scheduling Strategy for Edge Computing in Smart Manufacturing. IEEE Transactions on Industrial Informatics, 2019, 15, 4225-4234.	11.3	155
44	Emerging Trends of ML-based Intelligent Services for Industrial Internet of Things (IIoT). , 2019, , .		9
45	Improving Cognitive Ability of Edge Intelligent IIoT through Machine Learning. IEEE Network, 2019, 33, 61-67.	6.9	57
46	A Two-Stage Approach for the Remaining Useful Life Prediction of Bearings Using Deep Neural Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 3703-3711.	11.3	191
47	Exploring robustness management of social internet of things for customization manufacturing. Future Generation Computer Systems, 2019, 92, 846-856.	7.5	32
48	Smart e-commerce systems: current status and research challenges. Electronic Markets, 2019, 29, 221-238.	8.1	25
49	Scalable distributed control plane for On-line social networks support cognitive neural computing in software defined networks. Future Generation Computer Systems, 2019, 93, 993-1001.	7.5	2
50	Independent Rainbow Domination of Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 417-435.	0.9	15
51	Industrial Big Data Analytics for Prediction of Remaining Useful Life Based on Deep Learning. IEEE Access, 2018, 6, 17190-17197.	4.2	85
52	Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges. IEEE Access, 2018, 6, 6505-6519.	4.2	742
53	Adaptive Transmission Optimization in SDN-Based Industrial Internet of Things With Edge Computing. IEEE Internet of Things Journal, 2018, 5, 1351-1360.	8.7	200
54	Toward Dynamic Resources Management for IoT-Based Manufacturing. , 2018, 56, 52-59.		132

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55	Exploiting Industrial Big Data Strategy for Load Balancing in Industrial Wireless Mobile Networks. IEEE Access, 2018, 6, 6644-6653.	4.2	4
56	Why Deep Learning Is Changing the Way to Approach NGS Data Processing: A Review. IEEE Reviews in Biomedical Engineering, 2018, 11, 68-76.	18.0	24
57	An Ontology-Based Resource Reconfiguration Method for Manufacturing Cyber-Physical Systems. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2537-2546.	5.8	70
58	Fog Computing for Energy-Aware Load Balancing and Scheduling in Smart Factory. IEEE Transactions on Industrial Informatics, 2018, 14, 4548-4556.	11.3	227
59	Cloud-based smart manufacturing for personalized candy packing application. Journal of Supercomputing, 2018, 74, 4339-4357.	3.6	42
60	Context-Aware Cloud Robotics for Material Handling in Cognitive Industrial Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2272-2281.	8.7	115
61	Data Fusion Method Based on Mutual Dimensionless. IEEE/ASME Transactions on Mechatronics, 2018, 23, 506-517.	5.8	44
62	CASOA: An Architecture for Agent-Based Manufacturing System in the Context of Industry 4.0. IEEE Access, 2018, 6, 12746-12754.	4.2	70
63	Mining and updating association rules based on fuzzy concept lattice. Future Generation Computer Systems, 2018, 82, 698-706.	7.5	25
64	IEEE Access Special Section Editorial: Healthcare Big Data. IEEE Access, 2018, 6, 50555-50558.	4.2	1
65	Artificial Intelligence for Cloud-Assisted Smart Factory. IEEE Access, 2018, 6, 55419-55430.	4.2	92
66	Deep Feature Learning for Disease Risk Assessment Based on Convolutional Neural Network With Intra-Layer Recurrent Connection by Using Hospital Big Data. IEEE Access, 2018, 6, 67927-67939.	4.2	26
67	Edge Computing in IoT-Based Manufacturing. IEEE Communications Magazine, 2018, 56, 103-109.	6.1	218
68	Proactive caching for edge computing-enabled industrial mobile wireless networks. Future Generation Computer Systems, 2018, 89, 89-97.	7.5	21
69	Knowledge Reasoning with Semantic Data for Real-Time Data Processing in Smart Factory. Sensors, 2018, 18, 471.	3.8	35
70	The Order Statistics Correlation Coefficient and PPMCC Fuse Non-Dimension in Fault Diagnosis of Rotating Petrochemical Unit. IEEE Sensors Journal, 2018, 18, 4704-4714.	4.7	33
71	A multimedia healthcare data sharing approach through cloud-based body area network. Future Generation Computer Systems, 2017, 66, 48-58.	7.5	105
72	A review of industrial wireless networks in the context of Industry 4.0. Wireless Networks, 2017, 23, 23-41.	3.0	391

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73	Using Concept Lattice for Personalized Recommendation System Design. IEEE Systems Journal, 2017, 11, 305-314.	4.6	51
74	Guest Editorial: Special Issue on Cloud-Integrated Cyber-Physical Systems. IEEE Systems Journal, 2017, 11, 84-87.	4.6	2
75	High-Efficiency Urban Traffic Management in Context-Aware Computing and 5G Communication. , 2017, 55, 34-40.		109
76	A Manufacturing Big Data Solution for Active Preventive Maintenance. IEEE Transactions on Industrial Informatics, 2017, 13, 2039-2047.	11.3	324
77	An Access Control Model for Resource Sharing Based on the Role-Based Access Control Intended for Multi-Domain Manufacturing Internet of Things. IEEE Access, 2017, 5, 7001-7011.	4.2	58
78	A big data enabled load-balancing control for smart manufacturing of Industry 4.0. Cluster Computing, 2017, 20, 1855-1864.	5.0	54
79	Exploring Data Validity in Transportation Systems for Smart Cities. , 2017, 55, 26-33.		86
80	Cloud-Assisted Cyber-Physical Systems for the Implementation of Industry 4.0. Mobile Networks and Applications, 2017, 22, 1157-1158.	3.3	15
81	Frequency-Tracking Clock Servo for Time Synchronization in Networked Motion Control Systems. IEEE Access, 2017, 5, 11606-11614.	4.2	10
82	A cloud-assisted handover optimization strategy for mobile nodes in industrial wireless networks. Computer Networks, 2017, 128, 133-141.	5.1	10
83	Cloud-assisted interaction and negotiation of industrial robots for the smart factory. Computers and Electrical Engineering, 2017, 63, 66-78.	4.8	34
84	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. International Journal of Advanced Manufacturing Technology, 2017, 91, 1145-1169.	3.0	9
85	Industrial Big Data for Fault Diagnosis: Taxonomy, Review, and Applications. IEEE Access, 2017, 5, 17368-17380.	4.2	125
86	A Scalable and Quick-Response Software Defined Vehicular Network Assisted by Mobile Edge Computing. , 2017, 55, 94-100.		266
87	Data quality management for service-oriented manufacturing cyber-physical systems. Computers and Electrical Engineering, 2017, 64, 34-44.	4.8	29
88	Obstacle-avoidance minimal exposure path for heterogeneous wireless sensor networks. Ad Hoc Networks, 2017, 55, 50-61.	5.5	11
89	An Integrated Industrial Ethernet Solution for the Implementation of Smart Factory. IEEE Access, 2017, 5, 25455-25462.	4.2	44
90	Active balancing charging module with continuous and controllable isolation for battery management system. , 2017, , .		0

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91	An Efficient and Clinical-Oriented 3D Liver Segmentation Method. IEEE Access, 2017, 5, 18737-18744.	4.2	14
92	Cloud-Assisted Mobile Crowd Sensing for Traffic Congestion Control. Mobile Networks and Applications, 2017, 22, 1212-1218.	3.3	21
93	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. Sensors, 2016, 16, 88.	3.8	200
94	Traffic engineering in software-defined networking: Measurement and management. IEEE Access, 2016, 4, 3246-3256.	4.2	143
95	Cloud Robotics: Current Status and Open Issues. IEEE Access, 2016, , 1-1.	4.2	98
96	Identifying Region-Wide Functions Using Urban Taxicab Trajectories. Transactions on Embedded Computing Systems, 2016, 15, 1-19.	2.9	13
97	Usage-Specific Semantic Integration for Cyber-Physical Robot Systems. Transactions on Embedded Computing Systems, 2016, 15, 1-20.	2.9	15
98	IEEE Access Special Section Editorial: Smart Cities. IEEE Access, 2016, 4, 3671-3674.	4.2	3
99	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. IEEE Sensors Journal, 2016, , 1-1.	4.7	351
100	Implementing Smart Factory of Industrie 4.0: An Outlook. International Journal of Distributed Sensor Networks, 2016, 12, 3159805.	2.2	879
101	M-plan: Multipath Planning based transmissions for IoT multimedia sensing. , 2016, , .		8
102	Cloud Robotics: Insight and Outlook. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 94-103.	0.3	2
103	Electronic Commerce Platform of Manufacturing Industry Under Industrial Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 137-143.	0.3	1
104	Data Acquisition and Analysis from Equipment to Mobile Terminal in Industrial Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 24-35.	0.3	3
105	Mobile Services for Customization Manufacturing Systems: An Example of Industry 4.0. IEEE Access, 2016, 4, 8977-8986.	4.2	119
106	Cloud-assisted Industrial Systems and Applications. Mobile Networks and Applications, 2016, 21, 822-824.	3.3	6
107	Health Monitoring and Management for Manufacturing Workers in Adverse Working Conditions. Journal of Medical Systems, 2016, 40, 222.	3.6	17
108	ERGID: An efficient routing protocol for emergency response Internet of Things. Journal of Network and Computer Applications, 2016, 72, 104-112.	9.1	87

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109	Embracing big data with compressive sensing: a green approach in industrial wireless networks. , 2016, 54, 53-59.		52
110	Real-time Medical Emergency Response System: Exploiting IoT and Big Data for Public Health. Journal of Medical Systems, 2016, 40, 283.	3.6	105
111	Revisiting unknown RFID tag identification in large-scale internet of things. IEEE Wireless Communications, 2016, 23, 24-29.	9.0	44
112	A smart factory solution to hybrid production of multi-type products with reduced intelligence. , 2016, , .		6
113	A clock synchronization method for EtherCAT master. Microprocessors and Microsystems, 2016, 46, 211-218.	2.8	15
114	Security in Software-Defined Networking: Threats and Countermeasures. Mobile Networks and Applications, 2016, 21, 764-776.	3.3	147
115	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications. Mobile Networks and Applications, 2016, 21, 865-878.	3.3	112
116	Towards smart factory for industry 4.0: a self-organized multi-agent system with big data based feedback and coordination. Computer Networks, 2016, 101, 158-168.	5.1	1,053
117	An Unlicensed Taxi Identification Model Based on Big Data Analysis. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1703-1713.	8.0	80
118	A time-recordable cross-layer communication protocol for the positioning of Vehicular Cyber-Physical Systems. Future Generation Computer Systems, 2016, 56, 438-448.	7.5	27
119	Overhead Control With Reliable Transmission of Popular Packets in Ad-Hoc Social Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7647-7661.	6.3	8
120	A survey on position-based routing for vehicular ad hoc networks. Telecommunication Systems, 2016, 62, 15-30.	2.5	204
121	A neighbour-based load-balanced packet dissemination scheme for wireless sensor networks. International Journal of Sensor Networks, 2016, 22, 220.	0.4	0
122	An insight into cloud-enabled Complex Industrial Applications. , 2015, , .		0
123	Industrie 4.0: Enabling technologies. , 2015, , .		110
124	Robot and cloud-assisted multi-modal healthcare system. Cluster Computing, 2015, 18, 1295-1306.	5.0	28
125	A Novel Energy-Saving One-Sided Synchronous Two-Way Ranging Algorithm for Vehicular Positioning. Mobile Networks and Applications, 2015, 20, 661-672.	3.3	27
126	A Smart Work Performance Measurement System for Police Officers. IEEE Access, 2015, 3, 1755-1764.	4.2	11

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127	State of charge estimation for LiMn2O4 power battery based on strong tracking sigma point Kalman filter. Journal of Power Sources, 2015, 279, 439-449.	7.8	87
128	Improvement of type declaration of the IEC 61499 basic function block for developing applications of cyber-physical system. Microprocessors and Microsystems, 2015, 39, 1255-1261.	2.8	4
129	An Efficient RFID Search Protocol Based On Clouds. Mobile Networks and Applications, 2015, 20, 356-362.	3.3	16
130	Data Mining for the Internet of Things: Literature Review and Challenges. International Journal of Distributed Sensor Networks, 2015, 11, 431047.	2.2	338
131	VCMLA: A Novel Architecture for Integrating Vehicular Cyber-Physical Systems and Mobile Cloud Computing. Mobile Networks and Applications, 2014, 19, 153-160.	3.3	148
132	IoT sensing framework with inter-cloud computing capability in vehicular networking. Electronic Commerce Research, 2014, 14, 389-416.	5.0	53
133	Context-aware vehicular cyber-physical systems with cloud support: architecture, challenges, and solutions. , 2014, 52, 106-113.		310
134	A Survey of Recent Developments in Home M2M Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 98-114.	39.4	234
135	Security of the Internet of Things: perspectives and challenges. Wireless Networks, 2014, 20, 2481-2501.	3.0	973
136	A Novel Concept Lattice Merging Algorithm Based on Collision Detection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 489-495.	0.3	3
137	Vehicular Cyber-Physical Systems with Mobile Cloud Computing Support. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 27-35.	0.3	3
138	Sleep Scheduling Method Based on Half-Sleep State in the Distributed Sensor Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 496-505.	0.3	0
139	A novel multimedia device ability matching technique for ubiquitous computing environments. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	9
140	Cloud-enabled wireless body area networks for pervasive healthcare. IEEE Network, 2013, 27, 56-61.	6.9	251
141	Cloud-assisted real-time transrating for http live streaming. IEEE Wireless Communications, 2013, 20, 62-70.	9.0	56
142	Security and privacy in mobile cloud computing. , 2013, , .		92
143	Enabling cyber-physical systems with machine-to-machine technologies. International Journal of Ad Hoc and Ubiquitous Computing, 2013, 13, 187.	0.5	67
144	A multi-view integration modeling approach for cyber-physical robot system. , 2013, , .		1

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145	From machine-to-machine communications towards cyber-physical systems. Computer Science and Information Systems, 2013, 10, 1105-1128.	1.0	148
146	Cyber-Physical Systems for Optimal Energy Management Scheme of Autonomous Electric Vehicle. Computer Journal, 2013, 56, 947-956.	2.4	69
147	Detection of Outliers in Sensor Data Based on Adaptive Moving Average Fitting. Sensor Letters, 2013, 11, 877-882.	0.4	8
148	Towards Key Issues of Disaster Aid based on Wireless Body Area Networks. KSII Transactions on Internet and Information Systems, 2013, 7, 1014-1035.	0.3	32
149	Issues and Challenges of Wireless Sensor Networks Localization in Emerging Applications. , 2012, , .		52
150	Energy Management Framework Designed for Autonomous Electric Vehicle with Sensor Networks Navigation. , 2012, , .		7
151	Towards Real-Time Indoor Localization in Wireless Sensor Networks. , 2012, , .		24
152	M2M Communications for Smart City: An Event-Based Architecture. , 2012, , .		62
153	Security in the Internet of Things: A Review. , 2012, , .		504
154	Simulation Modeling of Cyber-Physical Systems Exemplified by Unmanned Vehicles with WSNs Navigation. Lecture Notes in Electrical Engineering, 2012, , 269-275.	0.4	23
155	Machine-to-Machine Communications: Architectures, Standards and Applications. KSII Transactions on Internet and Information Systems, 2012, , .	0.3	154
156	A Taxonomy of Agent Technologies for Ubiquitous Computing Environments. KSII Transactions on Internet and Information Systems, 2012, , .	0.3	18
157	Analysis Model for Ethernet-based CNC Embedded Implementation. Procedia Engineering, 2011, 15, 448-453.	1.2	0
158	Model-Based Method to Codesign of Control, Computing, and Communications with Resource Constraints. Procedia Engineering, 2011, 24, 116-122.	1.2	0
159	Codesign of networked control systems: A review from different perspectives. , 2011, , .		8
160	A survey of Cyber-Physical Systems. , 2011, , .		347
161	Performance analysis model for real-time Ethernet-based computer numerical control system. Journal of Central South University, 2011, 18, 1545-1553.	3.0	3
162	Advances in Cyber-Physical Systems Research. KSII Transactions on Internet and Information Systems, 2011, 5, .	0.3	107

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163	Effect of hybrid task scheduling algorithm on manufacturing accuracy in software-based CNC system. , 2010, , .		0
164	Fuzzy feedback scheduling algorithm based on central processing unit utilization for a software-based computer numerical control system. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2010, 224, 1133-1143.	2.4	31
165	Modeling of Computer-Controlled Systems with Sampling Interval Jitter. , 2010, , .		0
166	Fuzzy Feedback Scheduling Algorithm Based on Output Jitter in Resource-constrained Embedded Systems. , 2010, , .		12
167	Key Technology of Embedded System Implementation for Software-based CNC System. Chinese Journal of Mechanical Engineering (English Edition), 2010, 23, 217.	3.7	15
168	Studying of Data Centre Architecture for Prefecture-level City. , 2009, , .		0
169	Towards a Component-Based Model Integration Approach for Embedded Computer Control System. , 2008, , .		3
170	A Two-level Hierarchical Scheduling Scheme for Hybrid Tasks in Priority-Based Preemptive Systems. , 2008, , .		5
171	From Models to Code: Automatic Development Process for Embedded Control System. , 2008, , .		10
172	An Open Architecture Numerical Control System Based on Windows CE. , 2007, , .		4