

Jiming Chen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8691466/jiming-chen-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

362
papers

12,566
citations

60
h-index

99
g-index

417
ext. papers

15,140
ext. citations

5.3
avg, IF

6.92
L-index

#	Paper	IF	Citations
362	A Survey on Demand Response in Smart Grids: Mathematical Models and Approaches. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 11, 570-582	11.9	528
361	. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 1931-1942	4.6	369
360	Smart community: an internet of things application 2011 , 49, 68-75		362
359	Optimal DoS Attack Scheduling in Wireless Networked Control System. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 843-852	4.8	341
358	Optimal Denial-of-Service Attack Scheduling With Energy Constraint. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3023-3028	5.9	333
357	Jamming Attacks on Remote State Estimation in Cyber-Physical Systems: A Game-Theoretic Approach. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2831-2836	5.9	256
356	. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 722-731	10.7	247
355	Matminer: An open source toolkit for materials data mining. <i>Computational Materials Science</i> , 2018 , 152, 60-69	3.2	221
354	Data Gathering Optimization by Dynamic Sensing and Routing in Rechargeable Sensor Networks. <i>IEEE/ACM Transactions on Networking</i> , 2016 , 24, 1632-1646	3.8	198
353	Energy-Efficient Cooperative Spectrum Sensing by Optimal Scheduling in Sensor-Aided Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 716-725	6.8	198
352	Distributed Collaborative Control for Industrial Automation With Wireless Sensor and Actuator Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2010 , 57, 4219-4230	8.9	193
351	. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 660-675	5.9	188
350	Narrowband Internet of Things: Implementations and Applications. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 2309-2314	10.7	183
349	Toward optimal allocation of location dependent tasks in crowdsensing 2014 ,		165
348	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 2424-2433	8.9	152
347	Residential Energy Consumption Scheduling: A Coupled-Constraint Game Approach. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 1340-1350	10.7	152
346	Sensing-Performance Tradeoff in Cognitive Radio Enabled Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 302-310	10.7	147

345	Consensus-Based Energy Management in Smart Grid With Transmission Losses and Directed Communication. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 2049-2061	10.7	145
344	Sensor data scheduling for optimal state estimation with communication energy constraint. <i>Automatica</i> , 2011 , 47, 1693-1698	5.7	131
343	Development of an integrated wireless sensor network micro-environmental monitoring system. <i>ISA Transactions</i> , 2008 , 47, 247-55	5.5	130
342	. <i>IEEE Transactions on Mobile Computing</i> , 2014 , 13, 1268-1282	4.6	129
341	Design of a Scalable Hybrid MAC Protocol for Heterogeneous M2M Networks. <i>IEEE Internet of Things Journal</i> , 2014 , 1, 99-111	10.7	125
340	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7448-7461	6.8	124
339	Anti-Drone System with Multiple Surveillance Technologies: Architecture, Implementation, and Challenges. <i>IEEE Communications Magazine</i> , 2018 , 56, 68-74	9.1	123
338	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 367-377	6.8	120
337	Building-Environment Control With Wireless Sensor and Actuator Networks: Centralized Versus Distributed. <i>IEEE Transactions on Industrial Electronics</i> , 2010 , 57, 3596-3605	8.9	115
336	Minimizing charging delay in wireless rechargeable sensor networks 2013 ,		114
335	Coexistence of LTE-LAA and Wi-Fi on 5 GHz With Corresponding Deployment Scenarios: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 7-32	37.1	113
334	. <i>IEEE Journal on Selected Areas in Communications</i> , 2010 , 28, 1116-1126	14.2	113
333	Promoting Cooperation by the Social Incentive Mechanism in Mobile Crowdsensing 2017 , 55, 86-92		110
332	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 278-291	6.8	107
331	. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 1699-1713	4.6	102
330	Last-Mile Navigation Using Smartphones 2015 ,		96
329	Mobility Modeling and Prediction in Bike-Sharing Systems 2016 ,		92
328	Distributed Real-Time Demand Response in Multiseller-Multibuyer Smart Distribution Grid. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 2364-2374	7	91

327	An Online Optimization Approach for Control and Communication Codesign in Networked Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 439-450	11.9	91
326	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 1-12	7.3	90
325	Novel Deployment Schemes for Mobile Sensor Networks. <i>Sensors</i> , 2007 , 7, 2907-2919	3.8	84
324	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2013 , 24, 734-743	3.7	83
323	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1419-1435	6.8	82
322	Cross-Layer Optimization of Correlated Data Gathering in Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 1678-1691	4.6	81
321	Analysis of Consensus-Based Distributed Economic Dispatch Under Stealthy Attacks. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5107-5117	8.9	75
320	Panorama phylogenetic diversity and distribution of Type A influenza virus. <i>PLoS ONE</i> , 2009 , 4, e5022	3.7	74
319	. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 6387-6400	4.8	73
318	Ghost-in-ZigBee: Energy Depletion Attack on ZigBee-Based Wireless Networks. <i>IEEE Internet of Things Journal</i> , 2016 , 3, 816-829	10.7	69
317	Multi-Channel Assignment in Wireless Sensor Networks: A Game Theoretic Approach 2010 ,		68
316	Energy provisioning in wireless rechargeable sensor networks 2011 ,		68
315	Optimal Periodic Sensor Scheduling With Limited Resources. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 2190-2195	5.9	68
314	Fast Distributed Demand Response With Spatially and Temporally Coupled Constraints in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 11, 1597-1606	11.9	66
313	Maximizing Network Utility of Rechargeable Sensor Networks With Spatiotemporally Coupled Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1307-1319	14.2	65
312	Curve-Based Deployment for Barrier Coverage in Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 724-735	9.6	65
311	Optimal Scheduling for Quality of Monitoring in Wireless Rechargeable Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3072-3084	9.6	65
310	. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 2332-2344	5.9	65

309	Automated small-cell deployment for heterogeneous cellular networks 2013 , 51, 46-53		63
308	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3096-3106	9.6	62
307	ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 669-679	14.2	62
306	Privacy and performance trade-off in cyber-physical systems. <i>IEEE Network</i> , 2016 , 30, 62-66	11.4	61
305	Load Scheduling With Price Uncertainty and Temporally-Coupled Constraints in Smart Grids. <i>IEEE Transactions on Power Systems</i> , 2014 , 29, 2823-2834	7	61
304	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7415-7431	6.8	60
303	The circular RNA circ-ITCH suppresses ovarian carcinoma progression through targeting miR-145/RASA1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 222-228	3.4	60
302	Feedback-Based Clock Synchronization in Wireless Sensor Networks: A Control Theoretic Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 2963-2973	6.8	59
301	Energy-Efficient Coverage Based on Probabilistic Sensing Model in Wireless Sensor Networks. <i>IEEE Communications Letters</i> , 2010 , 14, 833-835	3.8	57
300	An Exchange Market Approach to Mobile Crowdsensing: Pricing, Task Allocation, and Walrasian Equilibrium. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 921-934	14.2	55
299	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 95-106	3.7	55
298	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 1055-1065	3.7	53
297	On Optimal Information Capture by Energy-Constrained Mobile Sensors. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 2472-2484	6.8	52
296	Energy-Efficient Intrusion Detection with a Barrier of Probabilistic Sensors: Global and Local. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4742-4755	9.6	51
295	Effect of N on the precipitation behaviours of the reduced activation ferritic/martensitic steel CLF-1 after thermal ageing. <i>Journal of Nuclear Materials</i> , 2013 , 442, S9-S12	3.3	50
294	REAP: An Efficient Incentive Mechanism for Reconciling Aggregation Accuracy and Individual Privacy in Crowdsensing. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 2995-3007	8	49
293	Cognitive Radio Based State Estimation in Cyber-Physical Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 489-502	14.2	47
292	Chinese and global distribution of H9 subtype avian influenza viruses. <i>PLoS ONE</i> , 2012 , 7, e52671	3.7	47

291	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3459-3468	8.9	46
290	Coverage and Connectivity in Duty-Cycled Wireless Sensor Networks for Event Monitoring. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 475-482	3.7	46
289	Cost-effective barrier coverage by mobile sensor networks 2012 ,		46
288	Genotyping of Newcastle disease viruses isolated from 2002 to 2004 in China. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1081, 228-39	6.5	46
287	. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 2320-2335	8	46
286	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2856-2868	10.7	45
285	EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant Wireless Sensor and Actor Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 75-84	14.2	45
284	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 1718-1729	4.6	43
283	Energy-efficient cooperative spectrum sensing in sensor-aided cognitive radio networks. <i>IEEE Wireless Communications</i> , 2012 , 19, 100-105	13.4	43
282	. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 834-843	9.6	43
281	Temperature-Aware Routing for Telemedicine Applications in Embedded Biomedical Sensor Networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2007 , 2008,	3.2	43
280	ESync 2014 ,		42
279	Study of consensus-based time synchronization in wireless sensor networks. <i>ISA Transactions</i> , 2014 , 53, 347-57	5.5	42
278	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3287-3300	6.8	42
277	Distributed sensor activation algorithm for target tracking with binary sensor networks. <i>Cluster Computing</i> , 2011 , 14, 55-64	2.1	42
276	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 1651-1663	4.8	41
275	DRAIM: A Novel Delay-Constraint and Reverse Auction-Based Incentive Mechanism for WiFi Offloading. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 711-722	14.2	40
274	Energy-Efficient Capture of Stochastic Events under Periodic Network Coverage and Coordinated Sleep. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 1090-1102	3.7	40

273	Optimal flow control for utility-lifetime tradeoff in wireless sensor networks. <i>Computer Networks</i> , 2009 , 53, 3031-3041	5.4	40
272	LQER: A Link Quality Estimation based Routing for Wireless Sensor Networks. <i>Sensors</i> , 2008 , 8, 1025-1038	5.8	40
271	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 3392-3405	6.8	39
270	. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 3836-3845	8.9	39
269	A tensor-based framework for studying eigenvector multicentrality in multilayer networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15407-15413	11.5	38
268	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 125-134	11.9	38
267	. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2181-2193	6.8	38
266	Guest Editorial Special Issue on Wireless Sensor and Actuator Networks. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 2244-2246	5.9	38
265	Grid Scan: A Simple and Effective Approach for Coverage Issue in Wireless Sensor Networks 2006 ,		38
264	Dynamic sensor transmission power scheduling for remote state estimation. <i>Automatica</i> , 2014 , 50, 1235-1242	5.7	37
263	Enabling Ultra-Dense UAV-Aided Network with Overlapped Spectrum Sharing: Potential and Approaches. <i>IEEE Network</i> , 2018 , 32, 85-91	11.4	37
262	A chaos-based iterated multistep predictor for blast furnace ironmaking process. <i>AICHE Journal</i> , 2009 , 55, 947-962	3.6	36
261	Semi-supervised Laplacian regularized least squares algorithm for localization in wireless sensor networks. <i>Computer Networks</i> , 2011 , 55, 2481-2491	5.4	35
260	Energy Efficiency and Contact Opportunities Tradeoff in Opportunistic Mobile Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 3723-3734	6.8	34
259	Thermal shock performance of CVD tungsten coating at elevated temperatures. <i>Journal of Nuclear Materials</i> , 2014 , 455, 371-375	3.3	34
258	Optimal DoS attack policy against remote state estimation 2013 ,		34
257	Distributed Real-Time Pricing Control for Large-Scale Unidirectional V2G With Multiple Energy Suppliers. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 1953-1962	11.9	33
256	WizSync: Exploiting Wi-Fi Infrastructure for Clock Synchronization in Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2014 , 13, 1379-1392	4.6	33

255	A scalable Hybrid MAC protocol for massive M2M networks 2013 ,		33
254	Technical Issues for the Fabrication of a CN-HCCB-TBM Based on RAFM Steel CLF-1. <i>Plasma Science and Technology</i> , 2013 , 15, 133-136	1.5	33
253	Profit Maximization for Plug-In Electric Taxi With Uncertain Future Electricity Prices. <i>IEEE Transactions on Power Systems</i> , 2014 , 29, 3058-3068	7	32
252	Robust Localization Using Range Measurements With Unknown and Bounded Errors. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 4065-4078	9.6	31
251	Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 2493-2505	3.7	31
250	Energy-efficient intrusion detection with a barrier of probabilistic sensors 2012 ,		31
249	Experimental and numerical simulations of ELM-like transient damage behaviors to different grade tungsten and tungsten alloys. <i>Journal of Nuclear Materials</i> , 2015 , 463, 166-169	3.3	30
248	Energy-efficient capture of stochastic events by global- and local-periodic network coverage 2009 ,		30
247	Mechanical properties and thermal shock performance of W-Y2O3 composite prepared by high-energy-rate forging. <i>Physica Scripta</i> , 2017 , T170, 014044	2.6	29
246	An Online Sensor Power Schedule for Remote State Estimation With Communication Energy Constraint. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1942-1947	5.9	28
245	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 4629-4642	6.8	28
244	Resilient Consensus with Mobile Detectors Against Malicious Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2018 , 4, 60-69	2.8	27
243	Maintaining Quality of Sensing with Actors in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 1657-1667	3.7	27
242	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5261-5273	9.6	26
241	Energy-Efficient Data Forwarding for State Estimation in Multi-Hop Wireless Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1322-1327	5.9	26
240	Learning Effective Molecular Models from Experimental Observables. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 3849-3858	6.4	26
239	Optimal Periodic Sensor Schedule for Steady-State Estimation Under Average Transmission Energy Constraint. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 3265-3271	5.9	26
238	Calculation of Lightning Flashover Rates of Overhead Distribution Lines Considering Direct and Indirect Strokes. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2014 , 56, 668-674	2	25

237	Highly thermal conductive benzoxazine-epoxy interpenetrating polymer networks containing liquid crystalline structures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1813-1821	2.6	25
236	Data-driven modeling based on volterra series for multidimensional blast furnace system. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2272-83		25
235	Robust Localization Using Time Difference of Arrivals. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 1320-1324	4.2	24
234	Consensus Under Bounded Noise in Discrete Network Systems: An Algorithm With Fast Convergence and High Accuracy. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2874-2884	10.2	24
233	. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2787-2797	10.7	24
232	On Optimal Scheduling in Wireless Rechargeable Sensor Networks for Stochastic Event Capture 2011 ,		24
231	An Efficient Incentive Mechanism for Device-to-Device Multicast Communication in Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 7922-7935	9.6	24
230	Privacy-Preserving Consensus-Based Energy Management in Smart Grids. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 6162-6176	4.8	24
229	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 427-436	3.7	23
228	. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1835-1841	5.9	23
227	CALM 2018 ,		23
226	Promoting Device-to-Device Communication in Cellular Networks by Contract-based Incentive Mechanisms. <i>IEEE Network</i> , 2017 , 31, 14-20	11.4	22
225	Continuous Drug Infusion for Diabetes Therapy: A Closed-Loop Control System Design. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2007 , 2008,	3.2	22
224	Group-Based Neighbor Discovery in Low-Duty-Cycle Mobile Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 1996-2009	4.6	21
223	An Online Algorithm for Data Collection by Multiple Sinks in Wireless-Sensor Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 93-104	4	21
222	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 6949-6961	8.9	21
221	On energy-efficient trap coverage in wireless sensor networks. <i>ACM Transactions on Sensor Networks</i> , 2013 , 10, 1-29	2.9	21
220	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2011 , 22, 716-728	3.7	21

219	Assessing the Predictability for Blast Furnace System through Nonlinear Time Series Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 3037-3045	3.9	21
218	The Deployment Algorithms in Wireless Sensor Net Works: A Survey. <i>Information Technology Journal</i> , 2009 , 8, 293-301	0.7	21
217	Influence of surface morphology and microstructure on performance of CVD tungsten coating under fusion transient thermal loads. <i>Applied Surface Science</i> , 2016 , 390, 167-174	6.7	20
216	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3935-3946	6.8	20
215	Privacy Preserving Maximum Consensus 2015 ,		20
214	Measuring the performance of movement-assisted certificate revocation list distribution in VANET. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 888-898	1.9	20
213	Jamming attack on Cyber-Physical Systems: A game-theoretic approach 2013 ,		19
212	Social Discovery: Exploring the Correlation Among Three-Dimensional Social Relationships. <i>IEEE Transactions on Computational Social Systems</i> , 2015 , 2, 77-87	4.5	19
211	2011 ,		19
210	A Low-Power Memory-Efficient Resampling Architecture for Particle Filters. <i>Circuits, Systems, and Signal Processing</i> , 2010 , 29, 155-167	2.2	19
209	Mobility Modeling and Data-Driven Closed-Loop Prediction in Bike-Sharing Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 4488-4499	6.1	19
208	Privacy Preserving Collaborative Computing: Heterogeneous Privacy Guarantee and Efficient Incentive Mechanism. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 221-233	4.8	19
207	Improving thermal conductivity of epoxy resin by filling boron nitride nanomaterials: A molecular dynamics investigation. <i>Computational Materials Science</i> , 2019 , 164, 108-115	3.2	18
206	Distributed Identification of the Most Critical Node for Average Consensus. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 4315-4328	4.8	18
205	Detecting Faulty Nodes with Data Errors for Wireless Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , 2014 , 10, 1-27	2.9	18
204	An optimal control method for applications using wireless sensor/actuator networks. <i>Computers and Electrical Engineering</i> , 2009 , 35, 748-756	4.3	18
203	A Stealthy GPS Spoofing Strategy for Manipulating the Trajectory of an Unmanned Aerial Vehicle**This work is supported by National Science Foundation of China under Grant U1401253 and National Key R&D Program Under Grant 2016YFB0800204.. <i>IFAC-PapersOnLine</i> , 2016 , 49, 291-296	0.7	18
202	Learning-Based Jamming Attack against Low-Duty-Cycle Networks. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2017 , 14, 650-663	3.9	17

201	Barrier coverage in wireless sensor networks: From lined-based to curve-based deployment 2013 ,		17
200	Vacuum hot-pressed beryllium and TiC dispersion strengthened tungsten alloy developments for ITER and future fusion reactors. <i>Journal of Nuclear Materials</i> , 2013 , 442, S309-S312	3.3	17
199	Optimal Sensor Data Scheduling for Remote Estimation Over a Time-Varying Channel. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4611-4617	5.9	17
198	Optimal Denial-of-Service attack scheduling against linear quadratic Gaussian control 2014 ,		17
197	Tungsten joining with copper alloy and its high heat load performance. <i>Journal of Nuclear Materials</i> , 2014 , 455, 382-386	3.3	16
196	. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1320-1335	5.9	16
195	Distributed Active Sensor Scheduling for Target Tracking in Ultrasonic Sensor Networks. <i>Mobile Networks and Applications</i> , 2012 , 17, 582-593	2.9	16
194	Variation in the analysis of positively selected sites using nonsynonymous/synonymous rate ratios: an example using influenza virus. <i>PLoS ONE</i> , 2011 , 6, e19996	3.7	16
193	Transmission power adjustment of wireless sensor networks using fuzzy control algorithm. <i>Wireless Communications and Mobile Computing</i> , 2009 , 9, 805-818	1.9	16
192	Dynamic Pricing for Privacy-Preserving Mobile Crowdsensing: A Reinforcement Learning Approach. <i>IEEE Network</i> , 2019 , 33, 160-165	11.4	15
191	Event-Based State Estimation: Optimal Algorithm With Generalized Closed Skew Normal Distribution. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 321-328	5.9	15
190	Epidemiological and risk analysis of the H7N9 subtype influenza outbreak in China at its early stage. <i>Science Bulletin</i> , 2013 , 58, 3183-3187		15
189	Q-Charge: A Quadcopter-Based Wireless Charging Platform for Large-Scale Sensing Applications. <i>IEEE Network</i> , 2017 , 31, 56-61	11.4	15
188	Multi-target localization in wireless sensor networks: a compressive sampling-based approach. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 801-811	1.9	15
187	NetTopo: Beyond Simulator and Visualizer for Wireless Sensor Networks 2008 ,		15
186	An Event-Based Stealthy Attack on Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4348-4355	5.9	15
185	First principles study of vacancy-solute complexes in vanadium. <i>Journal of Alloys and Compounds</i> , 2018 , 763, 861-866	5.7	14
184	MLE-based localization and performance analysis in probabilistic LOS/NLOS environment. <i>Neurocomputing</i> , 2017 , 270, 101-109	5.4	14

183	TOC: Localizing wireless rechargeable sensors with time of charge 2014 ,		13
182	Stealthy Actuator Signal Attacks in Stochastic Control Systems: Performance and Limitations. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3927-3934	5.9	13
181	Atomic investigation of alloying Cr, Ti, Y additions in a grain boundary of vanadium. <i>Journal of Nuclear Materials</i> , 2016 , 468, 147-152	3.3	12
180	POSE: Design of Hardware-Friendly Particle-Based Observation Selection PHD Filter. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1944-1956	8.9	12
179	A survey of avian influenza in tree sparrows in China in 2011. <i>PLoS ONE</i> , 2012 , 7, e33092	3.7	12
178	Efficient antenna allocation algorithms in millimetre wave wireless communications. <i>IET Communications</i> , 2018 , 12, 543-551	1.3	12
177	Study on the microstructure and properties evolution of CuCrZr/316LN-IG explosion bonding for ITER first wall components. <i>Fusion Engineering and Design</i> , 2017 , 124, 1135-1139	1.7	11
176	Utilization-Aware Trip Advisor in Bike-Sharing Systems Based on User Behavior Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 1822-1835	4.2	11
175	Interfacial Characteristics of Boron Nitride Nanosheet/Epoxy Resin Nanocomposites: A Molecular Dynamics Simulation. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2832	2.6	11
174	Data-Driven Utilization-Aware Trip Advisor for Bike-Sharing Systems 2017 ,		11
173	Minimizing communication delay in RFID-based wireless rechargeable sensor networks 2014 ,		11
172	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3124-3134	3.7	11
171	Networked Ultrasonic Sensors for Target Tracking: An Experimental Study 2009 ,		11
170	Particle Filter-Based Synchronization of Chaotic Colpitts Circuits Combating AWGN Channel Distortion. <i>Circuits, Systems, and Signal Processing</i> , 2008 , 27, 833-845	2.2	11
169	A unified drug-target interaction prediction framework based on knowledge graph and recommendation system. <i>Nature Communications</i> , 2021 , 12, 6775	17.4	11
168	On Hiddenness of Moving Target Defense against False Data Injection Attacks on Power Grid. <i>ACM Transactions on Cyber-Physical Systems</i> , 2020 , 4, 1-29	2.3	11
167	Effect of high temperature annealing on the microstructure and thermal shock resistance of tungsten coatings grown by chemical vapor deposition. <i>Journal of Nuclear Materials</i> , 2019 , 513, 241-250 ^{3.3}		11
166	Diffusion and retention of hydrogen in vanadium in presence of Ti and Cr: First-principles investigations. <i>Journal of Nuclear Materials</i> , 2017 , 484, 276-282	3.3	10

165	Color changing Pickering emulsions stabilized by polysiloxane microspheres bearing phenolphthalein groups. <i>RSC Advances</i> , 2015 , 5, 71824-71829	3.7	10
164	Hybrid Traffic Speed Modeling and Prediction Using Real-World Data 2015 ,		10
163	Exploiting a Mobile Node for Fast Discrete Time Average Consensus. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 1993-2001	4.8	10
162	G-Loc: Indoor localization leveraging gradient-based fingerprint map 2014 ,		10
161	Increased substitution rate in H5N1 avian influenza viruses during mass vaccination of poultry. <i>Science Bulletin</i> , 2012 , 57, 2419-2424		10
160	Network cooperative distributed pricing control system for large-scale optimal charging of PHEVs/PEVs 2013 ,		10
159	A Stochastic Multiobjective Optimization Framework for Wireless Sensor Networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2010 , 2010,	3.2	10
158	. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 2028-2043	4.6	10
157	Privacy-Preserving Database Assisted Spectrum Access for Industrial Internet of Things: A Distributed Learning Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7094-7103	8.9	10
156	China's technological achievements on ITER enhanced heat flux first wall in the pre-PA qualification. <i>Fusion Engineering and Design</i> , 2019 , 146, 2045-2048	1.7	9
155	Cross-linked liquid crystalline polybenzoxazines bearing cholesterol-based mesogen side groups. <i>Polymer</i> , 2018 , 145, 252-260	3.9	9
154	Toward Optimal Orientation Scheduling for Full-View Coverage in Camera Sensor Networks 2016 ,		9
153	Event-based attack against remote state estimation 2015 ,		9
152	Optimal controller location in wireless networked control systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 301-319	3.6	9
151	Cooperative flocking and learning in multi-robot systems for predator avoidance 2013 ,		9
150	Optimal residential load scheduling in smart grid: A comprehensive approach 2013 ,		9
149	Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks 2013 ,		9
148	Localization algorithm design and performance analysis in probabilistic LOS/NLOS environment 2016 ,		9

147	Privacy-preserving consensus-based energy management in smart grid 2017 ,		8
146	Autonomous Vehicle Control Through the Dynamics and Controller Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 1-1	6.8	8
145	Characterizing and Modeling Package Dynamics in Express Shipping Service Network 2014 ,		8
144	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 4694-4703	6.8	8
143	. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 1810-1822	6.8	8
142	Effect of Ti/Cr additive on helium diffusion and segregation in dilute vanadium alloys. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 393, 130-134	1.2	8
141	Differential-privacy preserving optimal power flow in smart grid. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 3853-3861	2.5	8
140	Effect of helium and vacancies in a vanadium grain boundary by first-principles. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 352, 121-124	1.2	8
139	Experimental analysis of user mobility pattern in mobile social networks 2011 ,		8
138	A SYBR Green I real-time RT-PCR assay for detection and differentiation of influenza A(H1N1) virus in swine populations. <i>Journal of Virological Methods</i> , 2009 , 162, 184-7	2.6	8
137	Sensory-data-enhanced authentication for RFID-based access control systems 2012 ,		8
136	Clock synchronization for random mobile sensor networks 2012 ,		8
135	Deployment Issues in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2005 , 239-248	0.9	8
134	Differentially Private Maximum Consensus: Design, Analysis and Impossibility Result. <i>IEEE Transactions on Network Science and Engineering</i> , 2019 , 6, 928-939	4.9	8
133	Secure Consensus against Message Manipulation Attacks in Synchronous Networks. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 1182-1187		7
132	Dynamic Activation Policies for Event Capture with Rechargeable Sensors 2012 ,		7
131	Real-time performance evaluation of urgent aperiodic messages in FF communication and its improvement. <i>Computer Standards and Interfaces</i> , 2005 , 27, 105-115	3.5	7
130	Converter-based Moving Target Defense Against Deception Attacks in DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	7

129	A load balancing strategy based on data correlation in cloud computing 2016,		7
128	Adaptive Ramp Metering Control for Urban Freeway Using Large-Scale Data. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9507-9518	6.8	6
127	TERP: Time-Event-Dependent Route Planning in Stochastic Multimodal Transportation Networks With Bike Sharing System. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4991-5000	10.7	6
126	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 1080-1091	9.6	6
125	Orientation Optimization for Full-View Coverage Using Rotatable Camera Sensors. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10508-10518	10.7	6
124	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 591-601	3.7	6
123	Near-optimal online algorithm for data collection by multiple sinks in wireless sensor networks 2014,		6
122	A Wormhole Attack Resistant Neighbor Discovery Scheme With RDMA Protocol for 60 GHz Directional Network. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2013 , 1, 341-352	4.1	6
121	Join driving: A smart phone-based driving behavior evaluation system 2013,		6
120	Preventing Traffic Explosion and Achieving Source Unobservability in Multi-Hop Wireless Networks Using Network Coding 2010,		6
119	Origin and future distribution of the new A (H1N1) influenza virus emerging in North America in 2009. <i>Science Bulletin</i> , 2009 , 54, 2174-2178		6
118	Privacy-Preserving Distributed Machine Learning via Local Randomization and ADMM Perturbation. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 4226-4241	4.8	6
117	Distributed Privacy-Aware Fast Selection Algorithm for Large-Scale Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 365-376	3.7	5
116	Optimization of Antenna Array Deployment for Partial Discharge Localization in Substations by Hybrid Particle Swarm Optimization and Genetic Algorithm Method. <i>Energies</i> , 2018 , 11, 1813	3.1	5
115	. <i>IEEE Access</i> , 2019 , 7, 100394-100405	3.5	5
114	Energy-efficient barrier coverage in bistatic radar sensor networks 2015,		5
113	Optimal Flow Control for Utility-Lifetime Tradeoff in Wireless Sensor Networks 2009,		5
112	Target Tracking with Limited Sensing Range in Autonomous Mobile Sensor Networks 2012,		5

111	A Graph Embedding Method for Wireless Sensor Networks Localization 2009 ,		5
110	Distributed Collaborative Control Using Wireless Sensor and Actuator Networks 2008 ,		5
109	Dual decomposition method for optimal and fair congestion control in Ad Hoc networks: Algorithm, implementation and evaluation. <i>Journal of Parallel and Distributed Computing</i> , 2008 , 68, 997-1007	4.4	5
108	Collision-Aware Churn Estimation in Large-Scale Dynamic RFID Systems. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 392-405	3.8	5
107	Adaptive Switching Spatial-Temporal Fusion Detection for Remote Flying Drones. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6964-6976	6.8	5
106	Secure State Estimation Using Hybrid Homomorphic Encryption Scheme. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 29, 1704-1720	4.8	5
105	Energy-efficient power allocation in cognitive sensor networks: a coupled constraint game approach. <i>Wireless Networks</i> , 2015 , 21, 1577-1589	2.5	4
104	Optimal reader location for collision-free communication in WRSN 2014 ,		4
103	Dynamic sensor data scheduling for remote estimation over Gilbert-Elliot channel 2014 ,		4
102	A QoS Guarantee Framework for Cloud Services Based on Bayesian Prediction 2015 ,		4
101	Differentially Private Maximum Consensus. <i>IFAC-PapersOnLine</i> , 2017 , 50, 9509-9514	0.7	4
100	Hardware architecture and optimisation of FPP particle PHD filter for multi-target tracking in cyber-physical systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 1830-1837	2.5	4
99	LQG control under Denial-of-Service attacks: An experimental study 2015 ,		4
98	Energy-Efficient Area Coverage for Intruder Detection in Sensor Networks. <i>SpringerBriefs in Computer Science</i> , 2014 ,	0.4	4
97	Radio Resource Allocation in Buildings with Dense Femtocell Deployment 2012 ,		4
96	Hard-Decision Fusion With Arbitrary Numbers of Bits for Different Samples. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 879-884	6.8	4
95	Distributed formation control with pose estimation in multi-robot systems 2013 ,		4
94	Maximum Throughput of IEEE 802.15.4 Enabled Wireless Sensor Networks 2010 ,		4

93	An interface designed for networked monitoring and control in wireless sensor networks. <i>Computer Standards and Interfaces</i> , 2009 , 31, 579-585	3.5	4
92	Sensor network localization using kernel spectral regression. <i>Wireless Communications and Mobile Computing</i> , 2009 , 10, n/a-n/a	1.9	4
91	Scalability and QoS guarantee for streams with (m,k)-firm deadline. <i>Computer Standards and Interfaces</i> , 2006 , 28, 560-571	3.5	4
90	A Low Complexity Near Maximum Likelihood VBLAST Algorithm for MIMO Systems 2007 ,		4
89	Manufacturing and High Heat Flux Testing of Brazed Flat-Type W/CuCrZr Plasma Facing Components. <i>Plasma Science and Technology</i> , 2016 , 18, 184-189	1.5	4
88	Differential Privacy-preserving Distributed Machine Learning 2019 ,		4
87	High-Confidence Gateway Planning and Performance Evaluation of a Hybrid LoRa Network. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1071-1081	10.7	4
86	Efficient Fault-tolerant Information Barrier Coverage in Internet of Things. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	4
85	Towards Optimal Operation State Scheduling in RF-Powered Internet of Things 2018 ,		4
84	A Trust Management Based Framework for Fault-Tolerant Barrier Coverage in Sensor Networks 2017 ,		3
83	2019 ,		3
82	Mechanical properties and thermal stability of carbide dispersion strengthened CLF-1 steel. <i>Fusion Engineering and Design</i> , 2018 , 136, 442-446	1.7	3
81	Polynomial-approximation-based locally optimum detector for signals with symmetric alpha stable noise. <i>IET Communications</i> , 2014 , 8, 2952-2960	1.3	3
80	Exploiting time of charge to achieve collision-free communications in WRSN 2014 ,		3
79	LearJam: An Energy-Efficient Learning-Based Jamming Attack against Low-Duty-Cycle Networks 2014 ,		3
78	Energy saving and network connectivity tradeoff in Opportunistic Mobile Networks 2012 ,		3
77	Backhaul Constraint-Based Cooperative Interference Management for In-Building Dense Femtocell Networks 2012 ,		3
76	AIS data based identification of systematic collision risk for maritime intelligent transport system 2013 ,		3

75	Load scheduling with price uncertainty and coupling constraints 2013 ,		3
74	Sensing-delay tradeoff for communication in cognitive radio enabled smart grid 2011 ,		3
73	Heat transfer coefficient calculation for analysis of ITER shield block using CFX and ANSYS. <i>Fusion Engineering and Design</i> , 2011 , 86, 312-317	1.7	3
72	Coordinate-Free Distributed Algorithm for Boundary Detection in Wireless Sensor Networks 2011 ,		3
71	Distributed Saturation Degree Based TDMA Scheduling Algorithm for Target Tracking 2011 ,		3
70	Performance analysis of stochastic network coverage with limited mobility 2009 ,		3
69	Localization for mobile target in wireless sensor networks. <i>Journal of Electronics</i> , 2008 , 25, 523-528		3
68	Gateway Planning for Hybrid LoRa Networks 2019 ,		3
67	You Foot the Bill! Attacking NFC With Passive Relays. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1197-1210	10.7	3
66	Generating Adversarial Examples against Machine Learning based Intrusion Detector in Industrial Control Systems. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	3
65	Improved Rotor Braking Protection Circuit and Self-Adaptive Control for DFIG during Grid Fault. <i>Energies</i> , 2019 , 12, 1994	3.1	2
64	Operation State Scheduling Towards Optimal Network Utility in RF-Powered Internet of Things. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	2
63	Rebalance Bike-Sharing System With Deep Sequential Learning. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2020 , 1-1	2.6	2
62	ALRT-based energy detection using uniform noise distribution. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 1009-1017	1.9	2
61	Guest Editorial Special Issue on Theories and Applications of NB-IoT. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1435-1435	10.7	2
60	A general approach for building Linux on sensor node Imote2. <i>Computer Standards and Interfaces</i> , 2012 , 34, 101-108	3.5	2
59	Smart temperature monitoring for data center energy efficiency 2013 ,		2
58	Mobile Anchor Assisted Error Bounded Sensing in Sensor Networks: An Implementation Perspective 2013 ,		2

57	Effect of the ITER FW Manufacturing Process on the Microstructure and Properties of a CuCrZr Alloy. <i>Plasma Science and Technology</i> , 2015 , 17, 887-892	1.5	2
56	Multiple target tracking under occlusions using modified Joint Probabilistic Data Association 2015 ,		2
55	Introduction to Area Coverage in Sensor Networks. <i>SpringerBriefs in Computer Science</i> , 2014 , 1-10	0.4	2
54	Energy-efficient power allocation in cognitive sensor networks: A game theoretic approach 2012 ,		2
53	Sensor data scheduling over a packet-dropping network 2010 ,		2
52	Experiments on autonomous mobile sensor control for target tracking 2010 ,		2
51	A Novel Range Detection Method for 60GHz LFM CW Radar 2010 ,		2
50	Sensor scheduling with limited communication energy and bandwidth 2010 ,		2
49	Approximate minimum SER precoding for spatial multiplexing over Ricean channels 2009 ,		2
48	Distributed interfering sensor scheduling scheme for target tracking 2010 ,		2
47	2008 ,		2
46	Reduced Complexity MMSE-SIC Detector in V-BLAST Systems 2007 ,		2
45	Extended DBP for (m,k)-Firm Based QoS. <i>Lecture Notes in Computer Science</i> , 2004 , 357-365	0.9	2
44	Equivalent matrix DBP for streams with (m,k)-firm deadline 2004 ,		2
43	DIY Smart House : Exploration and Practice of IoT MOOC Education 2020 ,		2
42	The Implementation of a Fully Integrated Scheme of self-Configuration and self-Organization (FISCO) on Imote2 2007 , 672-682		2
41	Intra-Operator Customer Churn in Telecommunications: A Systematic Perspective. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 948-957	6.8	2
40	2020 ,		2

39	iLoc: A Low-Cost Low-Power Outdoor Localization System for Internet of Things 2019 ,		2
38	Nonzero-Dynamics Stealthy Attack and Its Impacts Analysis in DC Microgrids 2019 ,		2
37	RWC: A Robust Wireless Charging System for Dockless Bike-Sharing 2018 ,		2
36	An Efficient Multi-task Network for Pedestrian Intrusion Detection. <i>IEEE Transactions on Intelligent Vehicles</i> , 2022 , 1-1	5	2
35	Achieving Collision-Free Communication by Time of Charge in WRSN. <i>Mobile Networks and Applications</i> , 2016 , 21, 414-424	2.9	1
34	iParking: An intelligent parking system for large parking lots 2015 ,		1
33	Improving the Controllability of Complex Networks by Temporal Segmentation. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2765-2774	4.9	1
32	Optimizing the throughput of millimeter wave wireless communications 2016 ,		1
31	Big data and smart computing in network systems. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 1308-1310	3.1	1
30	Actuator fault diagnosis of a Hexacopter: A nonlinear analytical redundancy approach 2017 ,		1
29	Performance Analysis of Discrete-Time Average Consensus under Uniform Constant Time Delays. <i>IFAC-PapersOnLine</i> , 2017 , 50, 11725-11730	0.7	1
28	Towards optimal barrier coverage in wireless sensor and actor networks 2014 ,		1
27	Optimal controller location in wireless sensor and actuator networks 2012 ,		1
26	Consensus-based Time Synchronization in sensor networks: An experimental study 2013 ,		1
25	An adaptive HARQ algorithm in MIMO systems 2009 ,		1
24	Switch real-time industrial Ethernet with mixed scheduling policy		1
23	Research on XML-Based Active Interest Management in Distributed Virtual Environment 2007 , 315-324		1
22	Experiments Study on a Dynamic Priority Scheduling for Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2005 , 613-622	0.9	1

21	The Research for Spatial Role-Based Access Control Model. <i>Lecture Notes in Computer Science</i> , 2010 , 296-308	0.9	1
20	Energy-Efficient Robust Coverage under Uncertainty in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 366-377	0.9	1
19	Game among interdependent networks: The impact of rationality on system robustness. <i>Europhysics Letters</i> , 2016 , 116, 68002	1.6	1
18	Quality-Aware Incentive Mechanisms Under Social Influences in Data Crowdsourcing. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-14	3.8	1
17	Road-Map Aided GM-PHD Filter for Multivehicle Tracking With Automotive Radar. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
16	LTrack: A LoRa-based Indoor Tracking System for Mobile Robots. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	0
15	Short-Term Strong Wind Risk Prediction for High-Speed Railway. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4243-4255	6.1	0
14	Optimal Estimation Algorithm Design under Event-based Sensor Data Scheduling. <i>IFAC-PapersOnLine</i> , 2016 , 49, 157-162	0.7	0
13	Detecting PLC Intrusions Using Control Invariants. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
12	Reply to Comments on Distributed Identification of the Most Critical Node for Average Consensus. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 1268-1271	4.8	
11	Electromagnetic analyses and optimization for slit configuration of ITER blanket shield block. <i>Fusion Engineering and Design</i> , 2016 , 109-111, 1587-1591	1.7	
10	Energy-Efficient Trap Coverage in Sensor Networks. <i>SpringerBriefs in Computer Science</i> , 2014 , 35-67	0.4	
9	Numerical Analyses of Electromagnetic Forces on the ITER Blanket Module Shield Block During Major Disruptions. <i>Plasma Science and Technology</i> , 2014 , 16, 701-705	1.5	
8	Synthesis and characterization of amphiphilic centipede-like copolymer PS-PS-PMAA. <i>Science China Chemistry</i> , 2011 , 54, 1584-1589	7.9	
7	Information Collection and Storage in Wireless Multimedia Sensor Network 2010 , 657-674		
6	CHAOTIC FEATURE OF MARTIN PROCESS IMPOSED ON THE COSINE FUNCTION. <i>Fractals</i> , 2009 , 17, 191-195	3.2	
5	A Survey of Fault Tolerance in Ad-Hoc Networks and Sensor Networks 2010 , 109-142		
4	Frequency-detected acoustic ranging solutions in wireless sensor networks: an experimental study. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008 , 3, 589-596	1.3	

- 3 Towards Automatic Root Cause Diagnosis of Persistent Packet Loss in Cloud Overlay Network. *IEEE/ACM Transactions on Networking*, **2022**, 1-15 3.8
- 2 Model and Transfer Spatial-temporal Knowledge for Fine-grained Radio Map Reconstruction. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1 6.6
- 1 GotU: leverage social ties for efficient user localization. *Science China Information Sciences*, **2020**, 63, 1 3.4