Sajal K Das

List of Publications by Year in descending order

635 papers	18,518 citations	19657 61 h-index	24982 109 g-index
667 all docs	667 docs citations	667 times ranked	13149 citing authors

#	Article	IF	Citations
1	WCA: A Weighted Clustering Algorithm for Mobile Ad Hoc Networks. Cluster Computing, 2002, 5, 193-204.	5.0	989
2	Intelligent Management Systems for Energy Efficiency in Buildings. ACM Computing Surveys, 2014, 47, 1-38.	23.0	697
3	How smart are our environments? An updated look at the state of the art. Pervasive and Mobile Computing, 2007, 3, 53-73.	3.3	509
4	Coverage and connectivity issues in wireless sensor networks: A survey. Pervasive and Mobile Computing, 2008, 4, 303-334.	3.3	426
5	Data Collection in Wireless Sensor Networks with Mobile Elements. ACM Transactions on Sensor Networks, 2011, 8, 1-31.	3.6	424
6	Avoiding Energy Holes in Wireless Sensor Networks with Nonuniform Node Distribution. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 710-720.	5.6	389
7	A comprehensive survey of Network Function Virtualization. Computer Networks, 2018, 133, 212-262.	5.1	361
8	Fault tolerance measures for large-scale wireless sensor networks. ACM Transactions on Autonomous and Adaptive Systems, 2009, 4, 1-28.	0.8	274
9	Privacy preservation in wireless sensor networks: A state-of-the-art survey. Ad Hoc Networks, 2009, 7, 1501-1514.	5.5	264
10	A survey on sensor localization. Journal of Control Theory and Applications, 2010, 8, 2-11.	0.8	254
11	Channel Assignment Strategies for Multiradio Wireless Mesh Networks: Issues and Solutions. , 2007, 45, 86-95.		250
12	The role of prediction algorithms in the MavHome smart home architecture. IEEE Wireless Communications, 2002, 9, 77-84.	9.0	247
13	Looking ahead in pervasive computing: Challenges and opportunities in the era of cyberâ€"physical convergence. Pervasive and Mobile Computing, 2012, 8, 2-21.	3.3	239
14	Efficient Data Collection in Wireless Sensor Networks with Path-Constrained Mobile Sinks. IEEE Transactions on Mobile Computing, 2011, 10, 592-608.	5.8	234
15	LeZi-update. , 1999, , .		231
16	Survey of Security Advances in Smart Grid: A Data Driven Approach. IEEE Communications Surveys and Tutorials, 2017, 19, 397-422.	39.4	191
17	A survey on fog computing for the Internet of Things. Pervasive and Mobile Computing, 2019, 52, 71-99.	3.3	189
18	Sensing, Computing, and Communications for Energy Harvesting IoTs: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 1222-1250.	39.4	184

#	Article	IF	Citations
19	LeZi-Update: An Information-Theoretic Framework for Personal Mobility Tracking in PCS Networks. Wireless Networks, 2002, 8, 121-135.	3.0	162
20	Centralized and Clustered k-Coverage Protocols for Wireless Sensor Networks. IEEE Transactions on Computers, 2012, 61, 118-133.	3.4	160
21	Reliability and Energy-Efficiency in IEEE 802.15.4/ZigBee Sensor Networks: An Adaptive and Cross-Layer Approach. IEEE Journal on Selected Areas in Communications, 2011, 29, 1508-1524.	14.0	140
22	QoS Aware Geographic Opportunistic Routing in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1864-1875.	5.6	133
23	Quality of Information in Mobile Crowdsensing. ACM Transactions on Sensor Networks, 2017, 13, 1-43.	3.6	129
24	Incentive Mechanisms for Participatory Sensing. ACM Transactions on Sensor Networks, 2016, 12, 1-40.	3.6	122
25	The Internet of People (IoP): A new wave in pervasive mobile computing. Pervasive and Mobile Computing, 2017, 41, 1-27.	3.3	115
26	Time-Location-Relationship Combined Service Recommendation Based on Taxi Trajectory Data. IEEE Transactions on Industrial Informatics, 2017, 13, 1202-1212.	11.3	113
27	HARKE: Human Activity Recognition from Kinetic Energy Harvesting Data in Wearable Devices. IEEE Transactions on Mobile Computing, 2018, 17, 1353-1368.	5.8	111
28	Traffic-Aware Dynamic Routing to Alleviate Congestion in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1585-1599.	5.6	110
29	A Study of k-Coverage and Measures of Connectivity in 3D Wireless Sensor Networks. IEEE Transactions on Computers, 2010, 59, 243-257.	3.4	108
30	On the Energy Hole Problem of Nonuniform Node Distribution in Wireless Sensor Networks. , 2006, , .		106
31	Vehicular Social Networks: A survey. Pervasive and Mobile Computing, 2018, 43, 96-113.	3.3	106
32	Title is missing!. Wireless Networks, 1997, 3, 333-347.	3.0	104
33	Approximation Algorithms for Charging Reward Maximization in Rechargeable Sensor Networks via a Mobile Charger. IEEE/ACM Transactions on Networking, 2017, 25, 3161-3174.	3.8	100
34	Adaptive Data Fusion for Energy Efficient Routing in Wireless Sensor Networks. IEEE Transactions on Computers, 2006, 55, 1286-1299.	3.4	98
35	Pervasive computing at scale: Transforming the state of the art. Pervasive and Mobile Computing, 2012, 8, 22-35.	3.3	96
36	PEM fuel cell modeling using differential evolution. Energy, 2012, 40, 387-399.	8.8	96

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37	Multimodal Wearable Sensing for Fine-Grained Activity Recognition in Healthcare. IEEE Internet Computing, 2015, 19, 26-35.	3.3	96
38	Sustainable Incentives for Mobile Crowdsensing: Auctions, Lotteries, and Trust and Reputation Systems. , 2017, 55, 68-74.		94
39	A Trust-Based Framework for Fault-Tolerant Data Aggregation in Wireless Multimedia Sensor Networks. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 785-797.	5.4	93
40	SelCSP: A Framework to Facilitate Selection of Cloud Service Providers. IEEE Transactions on Cloud Computing, 2015, 3, 66-79.	4.4	92
41	A trust-based framework for data forwarding in opportunistic networks. Ad Hoc Networks, 2013, 11, 1497-1509.	5.5	89
42	R3E: Reliable Reactive Routing Enhancement for Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2014, 10, 784-794.	11.3	87
43	Secure data aggregation in wireless sensor networks: A watermark based authentication supportive approach. Pervasive and Mobile Computing, 2008, 4, 658-680.	3.3	86
44	A selective location update strategy for PCS users. Wireless Networks, 1999, 5, 313-326.	3.0	84
45	Lessons from an Adaptive Home. , 2005, , 271-294.		83
46	Analysis of SIP-based mobility management in 4G wireless networks. Computer Communications, 2004, 27, 697-707.	5.1	82
47	A Trust Based Framework for Secure Data Aggregation in Wireless Sensor Networks. , 2006, , .		82
48	ARC: an integrated admission and rate control framework for competitive wireless CDMA data networks using noncooperative games. IEEE Transactions on Mobile Computing, 2005, 4, 243-258.	5.8	81
49	Integrated Coverage and Connectivity in Wireless Sensor Networks: A Two-Dimensional Percolation Problem. IEEE Transactions on Computers, 2008, 57, 1423-1434.	3.4	80
50	Data Fusion with Desired Reliability in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 501-513.	5.6	79
51	ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 669-679.	14.0	78
52	An Epidemic Theoretic Framework for Vulnerability Analysis of Broadcast Protocols in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2009, 8, 413-425.	5.8	76
53	A-Wristocracy: Deep learning on wrist-worn sensing for recognition of user complex activities. , 2015, , .		76
54	QM2RP: A QoS-Based Mobile Multicast Routing Protocol Using Multi-Objective Genetic Algorithm. Wireless Networks, 2004, 10, 271-286.	3.0	75

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55	An efficient security protocol for advanced metering infrastructure in smart grid. IEEE Network, 2013, 27, 64-71.	6.9	75
56	Parallel processing of adaptive meshes with load balancing. IEEE Transactions on Parallel and Distributed Systems, 2001, 12, 1269-1280.	5.6	73
57	Seamless SIP-based mobility for multimedia applications. IEEE Network, 2006, 20, 6-13.	6.9	73
58	A Predictive Framework for Location-Aware Resource Management in Smart Homes. IEEE Transactions on Mobile Computing, 2007, 6, 1270-1283.	5.8	73
59	Promoting Heterogeneity, Mobility, and Energy-Aware Voronoi Diagram in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 995-1008.	5.6	73
60	Performance study of link layer and MAC layer protocols to support TCP in 3G CDMA systems. IEEE Transactions on Mobile Computing, 2005, 4, 489-501.	5.8	71
61	Link quality prediction in mesh networks. Computer Communications, 2008, 31, 1497-1512.	5.1	71
62	Reliable Energy-Efficient Uplink Transmission for Neighborhood Area Networks in Smart Grid. IEEE Transactions on Smart Grid, 2015, 6, 2179-2188.	9.0	71
63	HuMAn: Complex Activity Recognition with Multi-Modal Multi-Positional Body Sensing. IEEE Transactions on Mobile Computing, 2019, 18, 857-870.	5.8	71
64	NSF/IEEE-TCPP curriculum initiative on parallel and distributed computing. , 2011, , .		70
65	A Lightweight Mutual Authentication Protocol for V2V Communication in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 6709-6717.	6.3	69
66	Routing Correlated Data with Fusion Cost in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2006, 5, 1620-1632.	5.8	68
67	Cooperative black and gray hole attacks in mobile ad hoc networks. , 2008, , .		66
68	Fast Detection of Mobile Replica Node Attacks in Wireless Sensor Networks Using Sequential Hypothesis Testing. IEEE Transactions on Mobile Computing, 2011, 10, 767-782.	5.8	66
69	Efficient Aerial Data Collection with UAV in Large-Scale Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 286080.	2.2	65
70	CoPTUA: Consistent Policy Table Update Algorithm for TCAM without locking. IEEE Transactions on Computers, 2004, 53, 1602-1614.	3.4	64
71	IDMP: an intradomain mobility management protocol for next-generation wireless networks. IEEE Wireless Communications, 2002, 9, 38.	9.0	63
72	Improving IoT Data Quality in Mobile Crowd Sensing: A Cross Validation Approach. IEEE Internet of Things Journal, 2019, 6, 5651-5664.	8.7	63

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73	Coverage and Connectivity Issues in Wireless Sensor Networks. , 2006, , 221-256.		62
74	Routing Correlated Data in Wireless Sensor Networks: A Survey. IEEE Network, 2007, 21, 40-47.	6.9	62
75	Analysis of a Randomized Congestion Control Scheme with DSDV Routing in ad Hoc Wireless Networks. Journal of Parallel and Distributed Computing, 2001, 61, 967-995.	4.1	61
76	Software Defined Networking Meets Information Centric Networking: A Survey. IEEE Access, 2018, 6, 39547-39563.	4.2	61
77	Folded Petersen cube networks: new competitors for the hypercubes. IEEE Transactions on Parallel and Distributed Systems, 1996, 7, 151-168.	5.6	59
78	A pricing strategy for job allocation in mobile grids using a non-cooperative bargaining theory framework. Journal of Parallel and Distributed Computing, 2005, 65, 1366-1383.	4.1	59
79	A linear time recognition algorithm for proper interval graphs. Information Processing Letters, 2003, 87, 153-161.	0.6	58
80	Energy-Efficient Randomized Switching for Maximizing Lifetime in Tree-Based Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2015, 23, 1401-1415.	3.8	57
81	Performance optimization of VoIP calls over wireless links using h.323 protocol. IEEE Transactions on Computers, 2003, 52, 742-752.	3.4	56
82	An econometric model for resource management in competitive wireless data networks. IEEE Network, 2004, 18, 20-26.	6.9	56
83	Deployment-aware modeling of node compromise spread in wireless sensor networks using epidemic theory. ACM Transactions on Sensor Networks, 2009, 5, 1-33.	3.6	56
84	Mobile social networking middleware: A survey. Pervasive and Mobile Computing, 2013, 9, 437-453.	3.3	56
85	Incentive Mechanism Design for Crowdsourcing. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-26.	4.5	56
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87	ZoneTrust: Fast Zone-Based Node Compromise Detection and Revocation in Wireless Sensor Networks Using Sequential Hypothesis Testing. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 494-511.	5.4	55
88	Distributed detection of replica node attacks with group deployment knowledge in wireless sensor networks. Ad Hoc Networks, 2009, 7, 1476-1488.	5.5	52
89	An Adaptive Bayesian System for Context-Aware Data Fusion in Smart Environments. IEEE Transactions on Mobile Computing, 2017, 16, 1502-1515.	5.8	52
90	Security and Discoverability of Spread Dynamics in Cyber-Physical Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1694-1707.	5.6	51

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91	Energy-Harvesting Wearables for Activity-Aware Services. IEEE Internet Computing, 2015, 19, 8-16.	3.3	51
92	Improving Network Formation in 6TiSCH Networks. IEEE Transactions on Mobile Computing, 2019, 18, 98-110.	5.8	51
93	Service Discovery Protocols for Constrained Machine-to-Machine Communications. IEEE Communications Surveys and Tutorials, 2014, 16, 41-60.	39.4	50
94	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 1684-1695.	6.3	50
95	Designing delay constrained hybrid ad hoc network infrastructure for post-disaster communication. Ad Hoc Networks, 2015, 25, 406-429.	5.5	48
96	PIS: A Multi-Dimensional Routing Protocol for Socially-Aware Networking. IEEE Transactions on Mobile Computing, 2016, 15, 2825-2836.	5.8	48
97	AgriSens: IoT-Based Dynamic Irrigation Scheduling System for Water Management of Irrigated Crops. IEEE Internet of Things Journal, 2021, 8, 5023-5030.	8.7	47
98	A framework for bandwidth degradation and call admission control schemes for multiclass traffic in next-generation wireless networks. IEEE Journal on Selected Areas in Communications, 2003, 21, 1790-1802.	14.0	45
99	Designing for the Human Experience in Smart Environments. , 2005, , 151-174.		45
100	RADON. , 2010, , .		45
101	A trade-off between energy and delay in data dissemination for wireless sensor networks using transmission range slicing. Computer Communications, 2008, 31, 1687-1704.	5.1	44
102	A key management framework for AMI networks in smart grid. , 2012, 50, 30-37.		43
103	<i>IncentMe</i>: Effective Mechanism Design to Stimulate Crowdsensing Participants with Uncertain Mobility. IEEE Transactions on Mobile Computing, 2019, 18, 1571-1584.	5.8	43
104	A social-based watchdog system to detect selfish nodes in opportunistic mobile networks. Future Generation Computer Systems, 2019, 92, 777-788.	7.5	43
105	Mobile Edge Cooperation Optimization for Wearable Internet of Things: A Network Representation-Based Framework. IEEE Transactions on Industrial Informatics, 2021, 17, 5050-5058.	11.3	43
106	A Game Theory-Based Pricing Strategy to Support Single/Multiclass Job Allocation Schemes for Bandwidth-Constrained Distributed Computing Systems. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 289-306.	5.6	42
107	Scalable load balancing on distributed web servers using mobile agents. Journal of Parallel and Distributed Computing, 2003, 63, 996-1005.	4.1	41
108	Supporting pervasive computing applications with active context fusion and semantic context delivery. Pervasive and Mobile Computing, 2010, 6, 21-42.	3.3	41

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109	FedVCP: A Federated-Learning-Based Cooperative Positioning Scheme for Social Internet of Vehicles. IEEE Transactions on Computational Social Systems, 2022, 9, 197-206.	4.4	40
110	A Scalable Asynchronous Cache Consistency Scheme (SACCS) for mobile environments. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 983-995.	5.6	39
111	Context-aware resource management in multi-inhabitant smart homes: A framework based on Nash-learning. Pervasive and Mobile Computing, 2006, 2, 372-404.	3.3	39
112	Optimal Prizes for All-Pay Contests in Heterogeneous Crowdsourcing. , 2014, , .		39
113	Distributed detection of mobile malicious node attacks in wireless sensor networks. Ad Hoc Networks, 2012, 10, 512-523.	5.5	38
114	A novel load balancing scheme for the tele-traffic hot spot problem in cellular networks. Wireless Networks, 1998, 4, 325-340.	3.0	37
115	Quality of service issues in Internet Web services. IEEE Transactions on Computers, 2002, 51, 593-594.	3.4	37
116	Bandwidth Adaptation Algorithms for Adaptive Multimedia Services in Mobile Cellular Networks. Wireless Personal Communications, 2002, 22, 337-357.	2.7	37
117	Embeddings into Hyper Petersen Networks: Yet Another Hypercube-Like Interconnection Topology. VLSI Design, 1995, 2, 335-351.	0.5	36
118	Information-intensive wireless sensor networks: potential and challenges. , 2006, 44, 142-147.		36
119	Distributed on-demand clustering algorithm for lifetime optimization in wireless sensor networks. Journal of Parallel and Distributed Computing, 2020, 141, 129-142.	4.1	36
120	Bandwidth adaption algorithms with multi-objectives for adaptive multimedia services in wireless/mobile networks. , 1999, , .		35
121	Designing Smart Environments: A Paradigm Based on Learning and Prediction. Lecture Notes in Computer Science, 2005, , 80-90.	1.3	35
122	Compressive sensing based data quality improvement for crowd-sensing applications. Journal of Network and Computer Applications, 2017, 77, 123-134.	9.1	35
123	Energy-Constrained Delivery of Goods With Drones Under Varying Wind Conditions. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6048-6060.	8.0	35
124	Energy-Efficient Data Caching and Prefetching for Mobile Devices Based on Utility. Mobile Networks and Applications, 2005, 10, 475-486.	3.3	34
125	G-PaMeLA: A divide-and-conquer approach for joint channel assignment and routing in multi-radio multi-channel wireless mesh networks. Journal of Parallel and Distributed Computing, 2011, 71, 381-396.	4.1	34
126	Using data mules to preserve source location privacy in Wireless Sensor Networks. Pervasive and Mobile Computing, 2014, 11, 244-260.	3.3	34

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127	A Realistic Model for Failure Propagation in Interdependent Cyber-Physical Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 817-831.	6.4	34
128	Real-Time Task Scheduling in Fog-Cloud Computing Framework for IoT Applications: A Fuzzy Logic based Approach. , 2021, , .		34
129	Preserving Relation Privacy in Online Social Network Data. IEEE Internet Computing, 2011, 15, 35-42.	3.3	33
130	Self-coexistence in cellular cognitive radio networks based on the IEEE 802.22 standard. IEEE Wireless Communications, 2013, 20, 52-59.	9.0	33
131	Security, Privacy and Trust Issues in Smart Environments. , 2005, , 249-270.		32
132	Qn: Quality and Quantity Based Unified Approach for Secure and Trustworthy Mobile Crowdsensing. IEEE Transactions on Mobile Computing, 2020, 19, 200-216.	5.8	32
133	Exploiting information theory for adaptive mobility and resource management in future cellular networks. IEEE Wireless Communications, 2004, 11, 59-65.	9.0	31
134	Security enforcement in wireless sensor networks: A framework based on non-cooperative games. Pervasive and Mobile Computing, 2006, 2, 137-158.	3.3	31
135	Mobility-Aware Efficient Job Scheduling in Mobile Grids. , 2007, , .		31
136	An energy-efficient quality adaptive framework for multi-modal sensor context recognition. , 2011, , .		30
137	A taxonomy of application scheduling tools for high performance cluster computing. Cluster Computing, 2006, 9, 355-371.	5.0	29
138	Combinatorial Reverse Auction based Scheduling in Multi-Rate Wireless Systems. IEEE Transactions on Computers, 2007, 56, 1329-1341.	3.4	29
139	Distributed Algorithm for En Route Aggregation Decision in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1-13.	5.8	29
140	Maintaining Defender's Reputation in Anomaly Detection Against Insider Attacks. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 597-611.	5.0	29
141	Range based algorithms for precise localization of terrestrial objects using a drone. Pervasive and Mobile Computing, 2018, 48, 20-42.	3.3	29
142	A new hybrid broadcast scheduling algorithm for asymmetric communication systems. Mobile Computing and Communications Review, 2001, 5, 39-54.	1.7	29
143	Principles of genomic robustness inspire fault-tolerant WSN topologies: A network science based case study. , 2011, , .		28
144	A Survey on Mobile Charging Techniques in Wireless Rechargeable Sensor Networks. IEEE Communications Surveys and Tutorials, 2022, 24, 1750-1779.	39.4	28

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145	Adaptive Location Prediction Strategies Based on a Hierarchical Network Model in a Cellular Mobile Environment. Computer Journal, 1999, 42, 473-486.	2.4	27
146	An Epidemic Theoretic Framework for Evaluating Broadcast Protocols in Wireless Sensor Networks. , 2007, , .		27
147	A Middleware Framework for Ambiguous Context Mediation in Smart Healthcare Application. , 2007, , .		27
148	FIDES: A trust-based framework for secure user incentivization in participatory sensing. , 2014, , .		27
149	JAMMY: A Distributed and Dynamic Solution to Selective Jamming Attack in TDMA WSNs. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 392-405.	5.4	27
150	Uniprocessor Mixed-Criticality Scheduling with Graceful Degradation by Completion Rate. , 2018, , .		27
151	Optimal and load balanced mapping of parallel priority queues in hypercubes. IEEE Transactions on Parallel and Distributed Systems, 1996, 7, 555-564.	5.6	26
152	SWiMNet: A Scalable Parallel Simulation Testbed for Wireless and Mobile Networks. Wireless Networks, 2001, 7, 467-486.	3.0	26
153	Alleviating Congestion Using Traffic-Aware Dynamic Routing in Wireless Sensor Networks. , 2008, , .		26
154	Rate Allocation and Admission Control for Differentiated Services in CDMA Data Networks. IEEE Transactions on Mobile Computing, 2007, 6, 179-191.	5.8	25
155	Mobility-aware cost-efficient job scheduling for single-class grid jobs in a generic mobile grid architecture. Future Generation Computer Systems, 2010, 26, 1356-1367.	7.5	25
156	Leveraging the robustness of genetic networks: a case study on bio-inspired wireless sensor network topologies. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 323-339.	4.9	25
157	Adaptive and context-aware privacy preservation exploiting user interactions in smart environments. Pervasive and Mobile Computing, 2014, 12, 232-243.	3.3	25
158	Reliable resources brokering scheme in wireless grids based on non-cooperative bargaining game. Journal of Network and Computer Applications, 2014, 39, 266-279.	9.1	25
159	Social-based routing scheme for fixed-line VANET. Computer Networks, 2017, 113, 230-243.	5.1	25
160	ARC. , 2003, , .		24
161	Conflict-free star-access in parallel memory systems. Journal of Parallel and Distributed Computing, 2006, 66, 1431-1441.	4.1	24
162	Self-Healing Key Distribution Schemes for Wireless Networks: A Survey. Computer Journal, 2011, 54, 549-569.	2.4	24

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163	Deployment of robust wireless sensor networks using gene regulatory networks: An isomorphism-based approach. Pervasive and Mobile Computing, 2014, 13, 246-257.	3.3	24
164	DRIH-MAC: A Distributed Receiver-Initiated Harvesting-Aware MAC for Nanonetworks. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2015, 1, 97-110.	2.1	24
165	Detection and Forensics against Stealthy Data Falsification in Smart Metering Infrastructure. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 356-371.	5.4	24
166	Minimizing the Deployment Cost of UAVs for Delay-Sensitive Data Collection in IoT Networks. IEEE/ACM Transactions on Networking, 2022, 30, 812-825.	3.8	24
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168	A Fully Distributed Game Theoretic Approach to Guarantee Self-Coexistence among WRANs. , 2010, , .		23
169	Coverage-adaptive random sensor scheduling for application-aware data gathering in wireless sensor networks. Computer Communications, 2006, 29, 3467-3482.	5.1	22
170	An Energy-Efficient Markov Chain-Based Randomized Duty Cycling Scheme for Wireless Sensor Networks. , 2011, , .		22
171	A novel localization and coverage framework for real-time participatory urban monitoring. Pervasive and Mobile Computing, 2015, 23, 122-138.	3.3	22
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174	Location Update versus Paging Trade-Off in Cellular Networks: An Approach Based on Vector Quantization. IEEE Transactions on Mobile Computing, 2007, 6, 1426-1440.	5.8	21
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179	Enabling Adaptive Routing Service Customization via the integration of SDN and NFV. Journal of Network and Computer Applications, 2017, 93, 123-136.	9.1	21
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183	On the Structural Perspective of Computational Effectiveness for Quantized Consensus in Layered UAV Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 276-288.	3.7	20
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