

Sudip Misra

List of Publications by Citations

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

350
papers

6,418
citations

37
h-index

66
g-index

389
ext. papers

7,866
ext. citations

4.6
avg, IF

7
L-index

#	Paper	IF	Citations
350	Wireless sensor networks for agriculture: The state-of-the-art in practice and future challenges. <i>Computers and Electronics in Agriculture</i> , 2015 , 118, 66-84	6.5	437
349	Assessment of the Suitability of Fog Computing in the Context of Internet of Things. <i>IEEE Transactions on Cloud Computing</i> , 2018 , 6, 46-59	3.3	332
348	Cloud Computing Applications for Smart Grid: A Survey. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 1477-1494	3.7	244
347	Theoretical modelling of fog computing: a green computing paradigm to support IoT applications. <i>IET Networks</i> , 2016 , 5, 23-29	2.8	203
346	Software-Defined Networking for Internet of Things: A Survey. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1994-2008	10.7	197
345	. <i>IEEE Journal on Selected Areas in Communications</i> , 2009 , 27, 466-479	14.2	130
344	Priority-based time-slot allocation in wireless body area networks during medical emergency situations: an evolutionary game-theoretic perspective. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015 , 19, 541-8	7.2	93
343	Soft-WSN: Software-Defined WSN Management System for IoT Applications. <i>IEEE Systems Journal</i> , 2018 , 12, 2074-2081	4.3	89
342	Wireless sensor network-based fire detection, alarming, monitoring and prevention system for Bord-and-Pillar coal mines. <i>Journal of Systems and Software</i> , 2012 , 85, 571-581	3.3	89
341	. <i>IEEE Systems Journal</i> , 2017 , 11, 1084-1093	4.3	88
340	. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1159-1166	14.2	84
339	Coalition Games for Spatio-Temporal Big Data in Internet of Vehicles Environment: A Comparative Analysis. <i>IEEE Internet of Things Journal</i> , 2015 , 2, 310-320	10.7	81
338	Privacy-preserving blockchain based IoT ecosystem using attribute-based encryption 2017 ,		77
337	Distributed Home Energy Management System With Storage in Smart Grid Using Game Theory. <i>IEEE Systems Journal</i> , 2017 , 11, 1857-1866	4.3	74
336	Bayesian Coalition Game for Contention-Aware Reliable Data Forwarding in Vehicular Mobile Cloud. <i>Future Generation Computer Systems</i> , 2015 , 48, 60-72	7.5	72
335	An intelligent approach for building a secure decentralized public key infrastructure in VANET. <i>Journal of Computer and System Sciences</i> , 2015 , 81, 1042-1058	1	69
334	Collaborative Learning Automata-Based Routing for Rescue Operations in Dense Urban Regions Using Vehicular Sensor Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 1081-1090	4.3	64

333	A simple, least-time, and energy-efficient routing protocol with one-level data aggregation for wireless sensor networks. <i>Journal of Systems and Software</i> , 2010 , 83, 852-860	3.3	59
332	Random early detection for congestion avoidance in wired networks: a discretized pursuit learning-automata-like solution. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 66-76		58
331	QoS-Guaranteed Bandwidth Shifting and Redistribution in Mobile Cloud Environment. <i>IEEE Transactions on Cloud Computing</i> , 2014 , 2, 181-193	3.3	57
330	Game-Theoretic Topology Control for Opportunistic Localization in Sparse Underwater Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 990-1003	4.6	56
329	D2P: Distributed Dynamic Pricing Policy in Smart Grid for PHEVs Management. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 702-712	3.7	55
328	Connectivity preserving localized coverage algorithm for area monitoring using wireless sensor networks. <i>Computer Communications</i> , 2011 , 34, 1484-1496	5.1	55
327	Dynamic algorithms for the shortest path routing problem: learning automata-based solutions. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2005 , 35, 1179-92		54
326	A learning automata-based fault-tolerant routing algorithm for mobile ad hoc networks. <i>Journal of Supercomputing</i> , 2012 , 62, 4-23	2.5	50
325	Reputation-based role assignment for role-based access control in wireless sensor networks. <i>Computer Communications</i> , 2011 , 34, 281-294	5.1	50
324	Energy-Efficient and Distributed Network Management Cost Minimization in Opportunistic Wireless Body Area Networks. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 376-389	4.6	49
323	Localized policy-based target tracking using wireless sensor networks. <i>ACM Transactions on Sensor Networks</i> , 2012 , 8, 1-30	2.9	48
322	Performance Analysis of IEEE 802.15.6 MAC Protocol under Non-Ideal Channel Conditions and Saturated Traffic Regime. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2912-2925	2.5	47
321	LACAV: an energy-efficient channel assignment mechanism for vehicular ad hoc networks. <i>Journal of Supercomputing</i> , 2012 , 62, 1241-1262	2.5	46
320	Learning Automata-Based QoS Framework for Cloud IaaS. <i>IEEE Transactions on Network and Service Management</i> , 2014 , 11, 15-24	4.8	43
319	From Micro to Nano: The Evolution of Wireless Sensor-Based Health Care. <i>IEEE Pulse</i> , 2016 , 7, 21-5	0.7	42
318	Social choice considerations in cloud-assisted WBAN architecture for post-disaster healthcare: Data aggregation and channelization. <i>Information Sciences</i> , 2014 , 284, 95-117	7.7	42
317	A Cooperative Bargaining Solution for Priority-Based Data-Rate Tuning in a Wireless Body Area Network. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 2769-2777	9.6	42
316	An ant colony optimization approach for reputation and quality-of-service-based security in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 215-224	1.9	42

315	An adaptive learning routing protocol for the prevention of distributed denial of service attacks in wireless mesh networks. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 294-306	2.7	40
314	EEAODR: An energy-efficient ad hoc on-demand routing protocol for mobile ad hoc networks. <i>International Journal of Communication Systems</i> , 2009 , 22, 789-817	1.7	38
313	GPSPA: a new adaptive algorithm for maintaining shortest path routing trees in stochastic networks. <i>International Journal of Communication Systems</i> , 2004 , 17, 963-984	1.7	37
312	Dynamic Optimal Pricing for Heterogeneous Service-Oriented Architecture of Sensor-Cloud Infrastructure. <i>IEEE Transactions on Services Computing</i> , 2017 , 10, 203-216	4.8	35
311	LAIID: a learning automata-based scheme for intrusion detection in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 105-115	1.9	35
310	Information warfare-worthy jamming attack detection mechanism for wireless sensor networks using a fuzzy inference system. <i>Sensors</i> , 2010 , 10, 3444-79	3.8	34
309	An efficient approach for distributed dynamic channel allocation with queues for real-time and non-real-time traffic in cellular networks. <i>Journal of Systems and Software</i> , 2009 , 82, 1112-1124	3.3	34
308	FORK: A novel two-pronged strategy for an agent-based intrusion detection scheme in ad-hoc networks. <i>Computer Communications</i> , 2008 , 31, 3855-3869	5.1	34
307	FlowStat: Adaptive Flow-Rule Placement for Per-Flow Statistics in SDN. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 530-539	14.2	32
306	Policy controlled self-configuration in unattended wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2011 , 34, 1530-1544	7.9	32
305	Existence of dumb nodes in stationary wireless sensor networks. <i>Journal of Systems and Software</i> , 2014 , 91, 135-146	3.3	31
304	D2S: Dynamic Demand Scheduling in Smart Grid Using Optimal Portfolio Selection Strategy. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 1434-1442	10.7	31
303	Sway: Traffic-Aware QoS Routing in Software-Defined IoT. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 390-401	4.1	31
302	Bayesian Coalition Negotiation Game as a Utility for Secure Energy Management in a Vehicles-to-Grid Environment. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2016 , 13, 133-145 ^{3.9}	3.9	30
301	Coalition Formation for Cooperative Service-Based Message Sharing in Vehicular Ad Hoc Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 144-156	3.7	30
300	Target Tracking Using Sensor-Cloud: Sensor-Target Mapping in Presence of Overlapping Coverage. <i>IEEE Communications Letters</i> , 2014 , 18, 1435-1438	3.8	30
299	Semi-Distributed Backoff: Collision-Aware Migration from Random to Deterministic Backoff. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 1071-1084	4.6	29
298	Digital twin: current scenario and a case study on a manufacturing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 107, 3691-3714	3.2	29

297	A survey of unmanned aerial sensing solutions in precision agriculture. <i>Journal of Network and Computer Applications</i> , 2019 , 148, 102461	7.9	28
296	Optimal gateway selection in sensorcloud framework for health monitoring. <i>IET Wireless Sensor Systems</i> , 2014 , 4, 61-68	1.6	28
295	AT-MAC: Adaptive MAC-Frame Payload Tuning for Reliable Communication in Wireless Body Area Networks. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 1516-1529	4.6	28
294	Networks of learning automata for the vehicular environment: a performance analysis study. <i>IEEE Wireless Communications</i> , 2014 , 21, 41-47	13.4	28
293	A probabilistic zonal approach for swarm-inspired wildfire detection using sensor networks. <i>International Journal of Communication Systems</i> , 2008 , 21, 1047-1073	1.7	27
292	Soft-VAN: Mobility-Aware Task Offloading in Software-Defined Vehicular Network. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 2071-2078	6.8	27
291	Blockchain at the Edge: Performance of Resource-Constrained IoT Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 174-183	3.7	27
290	Game-theoretic energy trading network topology control for electric vehicles in mobile smart grid. <i>IET Networks</i> , 2015 , 4, 220-228	2.8	26
289	Adaptive listen for energy-efficient medium access control in wireless sensor networks. <i>Multimedia Tools and Applications</i> , 2010 , 47, 121-145	2.5	26
288	A low-overhead fault-tolerant routing algorithm for mobile ad hoc networks: A scheme and its simulation analysis. <i>Simulation Modelling Practice and Theory</i> , 2010 , 18, 637-649	3.9	26
287	SeeR: Simulated Annealing-Based Routing in Opportunistic Mobile Networks. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 2876-2888	4.6	25
286	Sensing-cloud: Leveraging the benefits for agricultural applications. <i>Computers and Electronics in Agriculture</i> , 2017 , 135, 96-107	6.5	25
285	Optimal composition of a virtual sensor for efficient virtualization within sensor-cloud 2015 ,		25
284	Residential Energy Management in Smart Grid: A Markov Decision Process-Based Approach 2013 ,		25
283	An intelligent clustering scheme for distributed intrusion detection in vehicular cloud computing. <i>Cluster Computing</i> , 2015 , 18, 1263-1283	2.1	25
282	Cybernetics and Learning Automata 2009 , 221-235		25
281	Resource-Optimized Multiarmed Bandit-Based Offload Path Selection in Edge UAV Swarms. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4889-4896	10.7	25
280	TRAST: Trust-Based Distributed Topology Management for Wireless Multimedia Sensor Networks. <i>IEEE Transactions on Computers</i> , 2016 , 65, 1978-1991	2.5	24

279	Dynamic Connectivity Establishment and Cooperative Scheduling for QoS-Aware Wireless Body Area Networks. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2775-2788	4.6	24
278	Using honeynodes for defense against jamming attacks in wireless infrastructure-based networks. <i>Computers and Electrical Engineering</i> , 2010 , 36, 367-382	4.3	24
277	Link-Quality-Aware Resource Allocation With Load Balance in Wireless Body Area Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 74-81	4.3	23
276	Bio-inspired group mobility model for mobile ad hoc networks based on bird-flocking behavior. <i>Soft Computing</i> , 2012 , 16, 437-450	3.5	23
275	Dynamic Duty Scheduling for Green Sensor-Cloud Applications 2014 ,		23
274	UWSim: A Simulator for Underwater Sensor Networks. <i>Simulation</i> , 2008 , 84, 327-338	1.2	23
273	Routing Bandwidth-Guaranteed Paths in MPLS Traffic Engineering: A Multiple Race Track Learning Approach. <i>IEEE Transactions on Computers</i> , 2007 , 56, 959-976	2.5	23
272	Real time monitoring and control of friction stir welding process using multiple sensors. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2020 , 30, 1-11	3.4	23
271	Congestion and overload control techniques in massive M2M systems: a survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017 , 28, e2936	1.9	22
270	Distributed topology management for wireless multimedia sensor networks: exploiting connectivity and cooperation. <i>International Journal of Communication Systems</i> , 2015 , 28, 1367-1386	1.7	22
269	. <i>IEEE Systems Journal</i> , 2016 , 10, 628-636	4.3	22
268	Tic-Tac-Toe-Arch: a self-organising virtual architecture for Underwater Sensor Networks. <i>IET Wireless Sensor Systems</i> , 2013 , 3, 307-316	1.6	22
267	Distributed aerial processing for IoT-based edge UAV swarms in smart farming. <i>Computer Networks</i> , 2020 , 167, 107038	5.4	22
266	Learning automata-based multi-constrained fault-tolerance approach for effective energy management in smart grid communication network. <i>Journal of Network and Computer Applications</i> , 2014 , 44, 212-219	7.9	21
265	Fault-tolerant routing in adversarial mobile ad hoc networks: an efficient route estimation scheme for non-stationary environments. <i>Telecommunication Systems</i> , 2010 , 44, 159-169	2.3	21
264	Efficient medium access control for cyberphysical systems with heterogeneous networks. <i>IEEE Systems Journal</i> , 2015 , 9, 22-30	4.3	20
263	Temporal-Correlation-Aware Dynamic Self-Management of Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2127-2138	11.9	20
262	Blind Entity Identification for Agricultural IoT Deployments. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3156-3163	3.63	20

261	Extracting mobility pattern from target trajectory in wireless sensor networks. <i>International Journal of Communication Systems</i> , 2015 , 28, 213-230	1.7	19
260	CURE: Consistent Update With Redundancy Reduction in SDN. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3974-3981	6.9	19
259	AgriSens: IoT-Based Dynamic Irrigation Scheduling System for Water Management of Irrigated Crops. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5023-5030	10.7	19
258	VSF: An Energy-Efficient Sensing Framework Using Virtual Sensors. <i>IEEE Sensors Journal</i> , 2016 , 16, 5046-5059	4.059	19
257	IoT-to-the-Rescue: A Survey of IoT Solutions for COVID-19-Like Pandemics. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13145-13164	10.7	19
256	Dynamic and adaptive data caching mechanism for virtualization within sensor-cloud 2014 ,		18
255	FogFL: Fog-Assisted Federated Learning for Resource-Constrained IoT Devices. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8456-8463	10.7	18
254	Mobi-Flow: Mobility-Aware Adaptive Flow-Rule Placement in Software-Defined Access Network. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 1831-1842	4.6	18
253	. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 89-101	3.3	18
252	Dynamic Trust Enforcing Pricing Scheme for Sensors-as-a-Service in Sensor-Cloud Infrastructure. <i>IEEE Transactions on Services Computing</i> , 2018 , 1-1	4.8	18
251	D2D: Delay-Aware Distributed Dynamic Adaptation of Contention Window in Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 322-335	4.6	17
250	Dynamic coalition formation in a smart grid: A game theoretic approach 2013 ,		17
249	Random room mobility model and extra-wireless body area network communication in hospital buildings. <i>IET Networks</i> , 2015 , 4, 54-64	2.8	17
248	MEGAN: Multipurpose Energy-Efficient, Adaptable, and Low-Cost Wireless Sensor Node for the Internet of Things. <i>IEEE Systems Journal</i> , 2020 , 14, 144-151	4.3	17
247	Cost-Effective Mapping between Wireless Body Area Networks and Cloud Service Providers Based on Multi-Stage Bargaining. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 1573-1586	4.6	16
246	SensnPn: Seamless Integration of Heterogeneous Sensors With IoT Devices. <i>IEEE Transactions on Consumer Electronics</i> , 2019 , 65, 205-214	4.8	16
245	QoS-aware sensor allocation for target tracking in sensor-cloud. <i>Ad Hoc Networks</i> , 2015 , 33, 140-153	4.8	16
244	Situation-Aware Protocol Switching in Software-Defined Wireless Sensor Network Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 2353-2360	4.3	16

243	Mobil: A 3-dimensional localization scheme for Mobile Underwater Sensor Networks 2013 ,		16
242	Using ant-based agents for congestion control in ad-hoc wireless sensor networks. <i>Cluster Computing</i> , 2011 , 14, 41-53	2.1	16
241	Buffer Size Evaluation of OpenFlow Systems in Software-Defined Networks. <i>IEEE Systems Journal</i> , 2019 , 13, 1359-1366	4.3	16
240	Safe-aaS: Decision Virtualization for Effecting Safety-as-a-Service. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1690-1697	10.7	15
239	Reliable and Efficient Data Acquisition in Wireless Sensor Networks in the Presence of Transfaulty Nodes. <i>IEEE Transactions on Network and Service Management</i> , 2016 , 13, 99-112	4.8	15
238	A Range-Based Approach for Long-Term Forecast of Weather Using Probabilistic Markov Model 2018 ,		15
237	A probabilistic approach to minimize the conjunctive costs of node replacement and performance loss in the management of wireless sensor networks. <i>IEEE Transactions on Network and Service Management</i> , 2010 , 7, 107-117	4.8	15
236	DROPS: Dynamic Radio Protocol Selection for Energy-Constrained Wearable IoT Healthcare. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 338-345	14.2	15
235	D3: distributed approach for the detection of dumb nodes in wireless sensor networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2913	1.7	14
234	Auction-Based Optimal Task Offloading in Mobile Cloud Computing. <i>IEEE Systems Journal</i> , 2019 , 13, 2978-2985	4.3	14
233	DVSP: Dynamic Virtual Sensor Provisioning in Sensor-Cloud-Based Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5265-5272	10.7	14
232	ENTICE: Agent-based energy trading with incomplete information in the smart grid. <i>Journal of Network and Computer Applications</i> , 2015 , 55, 202-212	7.9	14
231	AID: A prototype for Agricultural Intrusion Detection using Wireless Sensor Network 2015 ,		14
230	Traffic-Aware Efficient Mapping of Wireless Body Area Networks to Health Cloud Service Providers in Critical Emergency Situations. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2968-2981	4.6	14
229	Green wireless body area nanonetworks: energy management and the game of survival. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014 , 18, 467-75	7.2	14
228	An Adaptive Learning Scheme for Medium Access with Channel Reservation in Wireless Networks. <i>Wireless Personal Communications</i> , 2011 , 56, 55-72	1.9	14
227	A stochastic learning automata-based solution for intrusion detection in vehicular ad hoc networks. <i>Security and Communication Networks</i> , 2011 , 4, 666-677	1.9	14
226	An efficient pursuit automata approach for estimating stable all-pairs shortest paths in stochastic network environments. <i>International Journal of Communication Systems</i> , 2009 , 22, 441-468	1.7	14

225	Connectivity Reestablishment in Self-Organizing Sensor Networks with Dumb Nodes. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2016 , 10, 1-30	1.2	14
224	ENTRUST: Energy trading under uncertainty in smart grid systems. <i>Computer Networks</i> , 2016 , 110, 232-244	4.4	14
223	Safe-Pass Dynamic Handoff Scheme for Provisioning Safety-as-a-Service in 5G-Enabled Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5415-5425	6.1	14
222	Enabling Green Mobile-Edge Computing for 5G-Based Healthcare Applications. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 1623-1631	4	14
221	C2C: Community-Based Cooperative Energy Consumption in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4262-4269	10.7	13
220	DEMANDS: Distributed Energy Management Using Noncooperative Scheduling in Smart Grid. <i>IEEE Systems Journal</i> , 2018 , 12, 2645-2653	4.3	13
219	Blockchain-Enabled Safety-as-a-Service for Industrial IoT Applications. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 19-23	3.5	13
218	. <i>IEEE Systems Journal</i> , 2017 , 11, 2929-2938	4.3	12
217	Wireless Body Area Networks with varying traffic in epidemic medical emergency situation 2015 ,		12
216	QoE Analysis in Cache-Enabled Multi-UAV Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6680-6687	6.8	12
215	Learning automata based optimized multipath routing using leapfrog algorithm for VANETs 2017 ,		12
214	Node Stability-Based Location Updating in Mobile Ad-Hoc Networks. <i>IEEE Systems Journal</i> , 2008 , 2, 237-247	4.3	12
213	An efficient Hash Table-Based Node Identification Method for bandwidth reservation in hybrid cellular and ad-hoc networks. <i>Computer Communications</i> , 2008 , 31, 722-733	5.1	12
212	A PKI Adapted Model for Secure Information Dissemination in Industrial Control and Automation 6LoWPANs. <i>IEEE Access</i> , 2015 , 3, 875-889	3.5	11
211	T-Safe: Trustworthy Service Provisioning for IoT-Based Intelligent Transport Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9509-9517	6.8	11
210	SEAL: Self-adaptive AUV-based localization for sparsely deployed Underwater Sensor Networks. <i>Computer Communications</i> , 2020 , 154, 204-215	5.1	11
209	Opportunistic Mobile Networks. <i>Computer Communications and Networks</i> , 2016 ,	0.5	11
208	Connectivity Re-establishment in the Presence of Dumb Nodes in Sensor-Cloud Infrastructure: A Game Theoretic Approach 2014 ,		11

207	AerialBlocks: Blockchain-Enabled UAV Virtualization for Industrial IoT. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 72-77	3.5	11
206	Mobility-Aware Flow-Table Implementation in Software-Defined IoT 2016 ,		11
205	. <i>IEEE Systems Journal</i> , 2021 , 15, 4413-4420	4.3	11
204	QoS-Aware Dispersed Dynamic Mapping of Virtual Sensors in Sensor-Cloud. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1	4.8	10
203	Bayesian Coalition Game-based optimized clustering in Wireless Sensor Networks 2015 ,		10
202	Traffic-Aware Dynamic Controller Assignment in SDN. <i>IEEE Transactions on Communications</i> , 2020 , 68, 4375-4382	6.9	10
201	P2B: Privacy Preserving Identity-Based Broadcast Proxy Re-Encryption. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5610-5617	6.8	10
200	UAV Virtualization for Enabling Heterogeneous and Persistent UAV-as-a-Service. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6731-6738	6.8	10
199	Learning automata based decision making algorithm for task offloading in mobile cloud 2016 ,		10
198	Secure socket layer certificate verification: a learning automata approach. <i>Security and Communication Networks</i> , 2014 , 7, 1712-1718	1.9	10
197	Energy-efficient smart metering for green smart grid communication 2014 ,		10
196	A learning automata-based uplink scheduler for supporting real-time multimedia interactive traffic in IEEE 802.16 WiMAX networks. <i>Computer Communications</i> , 2012 , 35, 1871-1881	5.1	10
195	An efficient approach for distributed channel allocation with learning automata-based reservation in cellular networks. <i>Simulation</i> , 2012 , 88, 1166-1179	1.2	10
194	. <i>IEEE Sensors Journal</i> , 2021 , 21, 8520-8529	4	10
193	DENSE: Dynamic Edge Node Selection for Safety-as-a-Service 2019 ,		10
192	Utility-Based Exploration for Performance Enhancement in Opportunistic Mobile Networks. <i>IEEE Transactions on Computers</i> , 2016 , 65, 1310-1322	2.5	9
191	Distributed Information-Based Cooperative Strategy Adaptation in Opportunistic Mobile Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 724-737	3.7	9
190	Design and implementation analysis of a public key infrastructure-enabled security framework for ZigBee sensor networks. <i>International Journal of Communication Systems</i> , 2016 , 29, 1992-2014	1.7	9

189	CARE: Criticality-Aware Data Transmission in CPS-Based Healthcare Systems 2018 ,		9
188	DIVISOR: Dynamic virtual sensor formation for overlapping region in IoT-based sensor-cloud 2018 ,		9
187	CURD: Controllable reactive jamming detection in underwater sensor networks. <i>Pervasive and Mobile Computing</i> , 2014 , 13, 203-220	3.5	9
186	An efficient learning automata based task offloading in mobile cloud computing environments 2017 ,		9
185	Economics of customer's decisions in smart grid. <i>IET Networks</i> , 2015 , 4, 37-43	2.8	9
184	Prioritized payload tuning mechanism for wireless body area network-based healthcare systems 2014 ,		9
183	Efficient detection of public key infrastructure-based revoked keys in mobile ad hoc networks. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 146-162	1.9	9
182	QoS-Aware Dynamic Cost Management Scheme for Sensors-as-a-Service. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	9
181	S-Nav: Safety-Aware IoT Navigation Tool for Avoiding COVID-19 Hotspots. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6975-6982	10.7	9
180	HeDI: Healthcare Device Interoperability for IoT-Based e-Health Platforms. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	9
179	Magnum: A Distributed Framework for Enabling Transfer Learning in 5G-Enabled Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7133-7140	11.9	9
178	Oceanic forces and their impact on the performance of mobile underwater acoustic sensor networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2882	1.7	8
177	Detouring dynamic routing holes in stationary wireless sensor networks in the presence of temporarily misbehaving nodes. <i>International Journal of Communication Systems</i> , 2017 , 30, e3009	1.7	8
176	Energy-efficient data transmission in sensor-cloud 2015 ,		8
175	Smart-Evac: Big Data-Based Decision Making for Emergency Evacuation. <i>IEEE Cloud Computing</i> , 2015 , 2, 58-65		8
174	Interference-aware MAC scheduling and admission control for multiple mobile WBANs used in healthcare monitoring. <i>International Journal of Communication Systems</i> , 2015 , 28, 1352-1366	1.7	8
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