

sukumar Nandi

List of Publications by Citations

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233
papers

1,506
citations

18
h-index

27
g-index

281
ext. papers

1,983
ext. citations

2.2
avg, IF

5.34
L-index

#	Paper	IF	Citations
233	A new similarity measure using Bhattacharyya coefficient for collaborative filtering in sparse data. <i>Knowledge-Based Systems</i> , 2015 , 82, 163-177	7.3	150
232	A tutorial survey on vehicular communication state of the art, and future research directions. <i>Vehicular Communications</i> , 2019 , 18, 100164	5.7	43
231	Deciding Handover Points Based on Context-Aware Load Balancing in a WiFi-WiMAX Heterogeneous Network Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 348-357	6.8	34
230	Detecting ARP Spoofing: An Active Technique. <i>Lecture Notes in Computer Science</i> , 2005 , 239-250	0.9	33
229	Route Stability Based QoS Routing in Mobile Ad Hoc Networks. <i>Wireless Personal Communications</i> , 2010 , 54, 203-224	1.9	31
228	A distance based clustering method for arbitrary shaped clusters in large datasets. <i>Pattern Recognition</i> , 2011 , 44, 2862-2870	7.7	30
227	Influence of edge weight on node proximity based link prediction methods: An empirical analysis. <i>Neurocomputing</i> , 2016 , 172, 71-83	5.4	28
226	Detection of neighbor discovery protocol based attacks in IPv6 network. <i>Networking Science</i> , 2013 , 2, 91-113		26
225	An Outlier Detection Method Based on Clustering 2011 ,		26
224	Blockchain-Based Adaptive Trust Management in Internet of Vehicles Using Smart Contract. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3616-3630	6.1	26
223	LAN attack detection using Discrete Event Systems. <i>ISA Transactions</i> , 2011 , 50, 119-30	5.5	24
222	Multipath TCP for V2I communication in SDN controlled small cell deployment of smart city. <i>Vehicular Communications</i> , 2019 , 15, 1-15	5.7	22
221	Intrusion detection system for PS-Poll DoS attack in 802.11 networks using real time discrete event system. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2017 , 4, 792-808	7	21
220	Managing Smart Home Appliances with Proof of Authority and Blockchain. <i>Communications in Computer and Information Science</i> , 2019 , 221-232	0.3	21
219	Modeling the short-term unfairness of IEEE 802.11 in presence of hidden terminals. <i>Performance Evaluation</i> , 2006 , 63, 441-462	1.2	19
218	Machine learning approach for detection of flooding DoS attacks in 802.11 networks and attacker localization. <i>International Journal of Machine Learning and Cybernetics</i> , 2016 , 7, 1035-1051	3.8	18
217	Detection of neighbor solicitation and advertisement spoofing in IPv6 neighbor discovery protocol 2011 ,		18

216	ECS: An enhanced carrier sensing mechanism for wireless ad hoc networks. <i>Computer Communications</i> , 2005 , 28, 1970-1984	5.1	18
215	Advanced Stealth Man-in-The-Middle Attack in WPA2 Encrypted Wi-Fi Networks. <i>IEEE Communications Letters</i> , 2015 , 19, 581-584	3.8	17
214	Network specific false alarm reduction in intrusion detection system. <i>Security and Communication Networks</i> , 2011 , 4, 1339-1349	1.9	15
213	Sequencegram: n-gram modeling of system calls for program based anomaly detection 2011 ,		15
212	Detection of NDP based attacks using MLD 2012 ,		15
211	HDDS: Hierarchical Data Dissemination Strategy for energy optimization in dynamic wireless sensor network under harsh environments. <i>Ad Hoc Networks</i> , 2021 , 111, 102348	4.8	15
210	Machine Learning Based Approach to Detect Position Falsification Attack in VANETs. <i>Communications in Computer and Information Science</i> , 2019 , 166-178	0.3	14
209	Alleviating Hidden and Exposed Nodes in High-Throughput Wireless Mesh Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 928-937	9.6	14
208	A host based DES approach for detecting ARP spoofing 2011 ,		14
207	A comparative survey of approximate adders 2016 ,		13
206	CPESP: Cooperative Pseudonym Exchange and Scheme Permutation to preserve location privacy in VANETs. <i>Vehicular Communications</i> , 2019 , 20, 100183	5.7	13
205	A robust compressed domain video watermarking in P-frames with controlled bit rate increase 2013 ,		13
204	A Multipath QoS Routing with Route Stability for Mobile Ad Hoc Networks. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2010 , 27, 380	1.5	13
203	Fault resilience in sensor networks: Distributed node-disjoint multi-path multi-sink forwarding. <i>Journal of Network and Computer Applications</i> , 2015 , 57, 85-101	7.9	12
202	An Efficient Scheme to Detect Evil Twin Rogue Access Point Attack in 802.11 Wi-Fi Networks. <i>International Journal of Wireless Information Networks</i> , 2018 , 25, 130-145	1.9	12
201	Temporal link prediction in multi-relational network. <i>World Wide Web</i> , 2018 , 21, 395-419	2.9	12
200	IEEE 802.11s Mesh Backbone for Vehicular Communication: Fairness and Throughput. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2193-2203	6.8	12
199	Exploiting Bhattacharyya Similarity Measure to Diminish User Cold-Start Problem in Sparse Data. <i>Lecture Notes in Computer Science</i> , 2014 , 252-263	0.9	12

198	Distance Based Fast Hierarchical Clustering Method for Large Datasets. <i>Lecture Notes in Computer Science</i> , 2010 , 50-59	0.9	12
197	Proportional fairness in MAC layer channel access of IEEE 802.11s EDCA based wireless mesh networks. <i>Ad Hoc Networks</i> , 2013 , 11, 570-584	4.8	11
196	An efficient blockchain-based approach for cooperative decision making in swarm robotics. <i>Internet Technology Letters</i> , 2020 , 3, e140	1.3	11
195	A Multihop Routing Protocol for Wireless Sensor Network based on Grid Clustering 2015 ,		10
194	Performance modeling and evaluation of IEEE 802.11 IBSS power save mode. <i>Ad Hoc Networks</i> , 2014 , 13, 336-350	4.8	10
193	Towards reducing false alarms in network intrusion detection systems with data summarization technique. <i>Security and Communication Networks</i> , 2013 , 6, 275-285	1.9	10
192	Detection of De-Authentication DoS Attacks in Wi-Fi Networks: A Machine Learning Approach 2015 ,		10
191	Context Aware Handover Management: Sustaining QoS and QoE in a Public IEEE 802.11e Hotspot. <i>IEEE Transactions on Network and Service Management</i> , 2014 , 11, 530-543	4.8	10
190	Detection of De-authentication Denial of Service attack in 802.11 networks 2013 ,		10
189	Online Voting System Powered by Biometric Security Using Steganography 2011 ,		10
188	QoS Aware Stable path Routing (QASR) Protocol for MANETs 2008 ,		10
187	Performance Modeling and Analysis of IEEE 802.11 IBSS PSM in Different Traffic Conditions. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 1644-1658	4.6	9
186	Effective data summarization for hierarchical clustering in large datasets. <i>Knowledge and Information Systems</i> , 2015 , 42, 1-20	2.4	9
185	Defense against outside attacks in wireless sensor networks. <i>Computer Communications</i> , 2008 , 31, 818-836	3.6	9
184	An Overview of Digital Audio Steganography. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2020 , 37, 632-650	1.5	9
183	. <i>IEEE Transactions on Computers</i> , 2019 , 68, 314-330	2.5	9
182	Discrete event system framework for fault diagnosis with measurement inconsistency: case study of rogue DHCP attack. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 789-806	7	9
181	Modeling an Enhanced Tuple Space Based Mobile Middleware in UNITY 2012 ,		8

180	NDoT: Nearest Neighbor Distance Based Outlier Detection Technique. <i>Lecture Notes in Computer Science</i> , 2011 , 36-42	0.9	8
179	Length based network steganography using UDP protocol 2011 ,		8
178	A dynamic balanced-energy sleep scheduling scheme in heterogeneous wireless sensor network 2008 ,		8
177	Modified Optimized Link State Routing (M-OLSR) for Wireless Mesh Networks 2008 ,		8
176	Secure user-identification and key distribution scheme preserving anonymity. <i>International Journal of Security and Networks</i> , 2008 , 3, 201	0.5	8
175	Emotion Dynamics of Public Opinions on Twitter. <i>ACM Transactions on Information Systems</i> , 2020 , 38, 1-24	4.8	8
174	Exploring Approximate Computing for Yield Improvement via Re-design of Adders for Error-Resilient Applications 2016 ,		8
173	Impact of Security Attacks on Cooperative Driving Use Case: CACC Platooning 2018 ,		8
172	MATEM: A unified framework based on trust and MCDM for assuring security, reliability and QoS in DTN routing. <i>Journal of Network and Computer Applications</i> , 2018 , 104, 1-20	7.9	7
171	Exploiting reciprocity toward link prediction. <i>Knowledge and Information Systems</i> , 2018 , 55, 1-13	2.4	7
170	An architectural framework for seamless handoff between IEEE 802.11 and UMTS networks. <i>Wireless Networks</i> , 2013 , 19, 411-429	2.5	7
169	Obfuscated malware detection using API call dependency 2012 ,		7
168	On performance improvement issues in unordered Tuple Space based Mobile Middleware 2010 ,		7
167	Detection of Packet Length Based Network Steganography 2010 ,		7
166	InOvIn: A fuzzy-rough approach for detecting overlapping communities with intrinsic structures in evolving networks. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106096	7.5	7
165	Preventing COVID-19 Spread Using Information and Communication Technology. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 10, 18-27	3.2	7
164	Application of stochastic discrete event system framework for detection of induced low rate TCP attack. <i>ISA Transactions</i> , 2015 , 58, 474-92	5.5	6
163	Analysis and Design of Adders for Approximate Computing. <i>Transactions on Embedded Computing Systems</i> , 2018 , 17, 1-28	1.8	6

162	Weight based clustering in wireless sensor networks 2013 ,		6
161	Distributed Service Level Flow Control and Fairness in Wireless Mesh Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 2229-2243	4.6	6
160	Layered Higher Order N-grams for Hardening Payload Based Anomaly Intrusion Detection 2010 ,		6
159	Research and application of One-class small hypersphere support vector machine for network anomaly detection 2011 ,		6
158	A Zone Based Interleaved Scanning Technique for Fast Handoff in IEEE 802.11 Wireless Networks 2009 ,		6
157	A Route Stability Based Multipath QoS Routing (SMQR) in MANETs 2008 ,		6
156	Power Efficient and Low Latency MAC for Wireless Sensor Networks 2006 ,		6
155	QoS Constrained Adaptive Routing Protocol For Mobile Adhoc Networks 2006 ,		6
154	Fast Single-Link Clustering Method Based on Tolerance Rough Set Model. <i>Lecture Notes in Computer Science</i> , 2009 , 414-422	0.9	6
153	Distance based Incremental Clustering for Mining Clusters of Arbitrary Shapes. <i>Lecture Notes in Computer Science</i> , 2013 , 229-236	0.9	6
152	ML-Based Approach to Detect DDoS Attack in V2I Communication Under SDN Architecture 2018 ,		6
151	An adaptive hierarchical data dissemination mechanism for mobile data collector enabled dynamic wireless sensor network. <i>Journal of Network and Computer Applications</i> , 2021 , 186, 103097	7.9	6
150	Steganalysis of Network Packet Length Based Data Hiding. <i>Circuits, Systems, and Signal Processing</i> , 2013 , 32, 1239-1256	2.2	5
149	MCRD: Motion coherent region detection in H.264 compressed video 2013 ,		5
148	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 15, 2049-2062	6.1	5
147	Service differentiation using priority-based MAC protocol in MANETs. <i>International Journal of Internet Protocol Technology</i> , 2010 , 5, 115	0.3	5
146	Robust Mutual Authentication for Low-cost RFID Systems 2006 ,		5
145	Energy Efficient Approach to Detect Sinkhole Attack Using Roving IDS in 6LoWPAN Network. <i>Communications in Computer and Information Science</i> , 2020 , 187-207	0.3	5

144	An Active Intrusion Detection System for LAN Specific Attacks. <i>Lecture Notes in Computer Science</i> , 2010 , 129-142	0.9	5
143	MPFSLP: Masqueraded Probabilistic Flooding for Source-Location Privacy in VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11383-11393	6.8	5
142	Misbehavior Detection in C-ITS Using Deep Learning Approach. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 641-652	0.4	5
141	An empirical approach towards characterization of encrypted and unencrypted VoIP traffic. <i>Multimedia Tools and Applications</i> , 2020 , 79, 603-631	2.5	5
140	Leader Election in Cooperative Adaptive Cruise Control Based Platooning 2018 ,		5
139	Markov Chain Model Using L _∞ Flight for VLSI Power Grid Analysis 2017 ,		4
138	Aloe: An Elastic Auto-Scaled and Self-stabilized Orchestration Framework for IoT Applications 2019 ,		4
137	Smart Contract Based Decentralized Parking Management in ITS. <i>Communications in Computer and Information Science</i> , 2019 , 66-77	0.3	4
136	Machine Learning Based Approach to Detect Wormhole Attack in VANETs. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 651-661	0.4	4
135	Energy efficient secure communication architecture for wireless sensor network. <i>Security and Communication Networks</i> , 2016 , 9, 3314-3323	1.9	4
134	PGIREM: Reliability-Constrained IR Drop Minimization and Electromigration Assessment of VLSI Power Grid Networks Using Cooperative Coevolution 2018 ,		4
133	Context Aware Inter-BSS Handoff in IEEE 802.11 Networks: Efficient Resource Utilization and Performance Improvement. <i>Wireless Personal Communications</i> , 2014 , 77, 2587-2614	1.9	4
132	A technique for classification of VoIP flows in UDP media streams using VoIP signalling traffic 2014 ,		4
131	Evaluating transport protocol performance over a wireless mesh backbone. <i>Performance Evaluation</i> , 2014 , 79, 198-215	1.2	4
130	Tuple space enhancements for mobile middleware. <i>International Journal of Communication Networks and Distributed Systems</i> , 2014 , 12, 299	0.4	4
129	Vertical Handover Over Intermediate Switching Framework: Assuring Service Quality for Mobile Users. <i>Wireless Personal Communications</i> , 2014 , 77, 507-527	1.9	4
128	Stealth and semi-stealth MITM attacks, detection and defense in IPv4 networks 2012 ,		4
127	Detection of stealth Man-in-the-Middle attack in wireless LAN 2012 ,		4

126	A Tree-Based Local Repairing Approach for Increasing Lifetime of Query Driven WSN 2011 ,		4
125	MCDM based trust model for secure routing in Wireless Mesh Networks 2011 ,		4
124	Blockchain based Security Framework for P2P Filesharing system 2018 ,		4
123	INTEGRATING BLOCKCHAIN WITH CACC FOR TRUST AND PLATOON MANAGEMENT 2020 , 77-97		3
122	PowerPlanningDL: Reliability-Aware Framework for On-Chip Power Grid Design using Deep Learning 2020 ,		3
121	Fast and Secure Handoffs for V2I Communication in Smart City Wi-Fi Deployment. <i>Lecture Notes in Computer Science</i> , 2018 , 189-204	0.9	3
120	Survey of Textbased Chatbot in Perspective of Recent Technologies. <i>Communications in Computer and Information Science</i> , 2019 , 84-96	0.3	3
119	A High-Performance Energy-Efficient Hybrid Redundant MAC for Error-Resilient Applications 2015 ,		3
118	Architectures of mobile middleware: A taxonomic perspective 2012 ,		3
117	An Active Detection Mechanism for Detecting ICMP Based Attacks 2012 ,		3
116	A novel crash-tolerant data gathering in wireless sensor networks 2012 ,		3
115	Beyond conventional routing protocols: Opportunistic path selection for IEEE 802.11s mesh networks 2013 ,		3
114	Implementation and performance evaluation of AODV in Wireless Mesh Networks using NS-3 2010 ,		3
113	Distance based fast outlier detection method 2010 ,		3
112	TCP performance for WLAN-GPRS handover in an Intermediate Switching Network based framework 2011 ,		3
111	Data Summarization Based Fast Hierarchical Clustering Method for Large Datasets 2009 ,		3
110	Stealth steganography in visual cryptography for half tone images 2008 ,		3
109	Securing Wireless Sensor Networks Against Spurious Injections 2007 ,		3

108	Priority Based Fairness Provisioning QoS-Aware MAC Protocol 2007 ,		3
107	Context Aware Mobile Initiated Handoff for Performance Improvement in IEEE 802.11 Networks. <i>Communications in Computer and Information Science</i> , 2011 , 243-253	0.3	3
106	Tolerance Rough Set Theory Based Data Summarization for Clustering Large Datasets. <i>Lecture Notes in Computer Science</i> , 2011 , 139-158	0.9	3
105	Adaptation of MAC Layer for QoS in WSN. <i>Communications in Computer and Information Science</i> , 2011 , 1-10	0.3	3
104	An Anomaly Based Approach for HID Attack Detection Using Keystroke Dynamics. <i>Lecture Notes in Computer Science</i> , 2012 , 139-152	0.9	3
103	Formalization of a Fully-Decoupled Reactive Tuple Space Model for Mobile Middleware. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2013 , 77-91	0.2	3
102	Aloe: Fault-Tolerant Network Management and Orchestration Framework for IoT Applications. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 2396-2409	4.8	3
101	LandLedger: Blockchain-powered Land Property Administration System 2019 ,		3
100	LIENE: Lifetime Enhancement for 6LoWPAN Network Using Clustering Approach Use Case: Smart Agriculture. <i>Communications in Computer and Information Science</i> , 2021 , 59-75	0.3	3
99	Using Digital Tokens to Improve Amortized Performance of eSign 2018 ,		3
98	Accuracy enhancement of equal segment based approximate adders. <i>IET Computers and Digital Techniques</i> , 2018 , 12, 206-215	0.9	3
97	Dynamic Tree Switching for Distributed Message-Passing Applications. <i>Journal of Network and Systems Management</i> , 2015 , 23, 1-40	2.1	2
96	EQPR: Enhancing QoS in Named Data Networking using Priority and RTT Driven PIT Replacement Policy 2019 ,		2
95	IDS for ARP spoofing using LTL based discrete event system framework. <i>Networking Science</i> , 2013 , 2, 114-134		2
94	Analysis of VBR coded VoIP for traffic classification 2013 ,		2
93	Link prediction on evolving social network using spectral analysis 2013 ,		2
92	FLIPPER: Fault-tolerant distributed network management and control 2017 ,		2
91	Approxhash 2017 ,		2

90	Early detection of VoIP network flows based on sub-flow statistical characteristics of flows using machine learning techniques 2014 ,		2
89	A Behaviour based Framework for Worm Detection. <i>Procedia Technology</i> , 2012 , 6, 1011-1018		2
88	2012 ,		2
87	A new tuple space structure for tuple space based mobile middleware platforms 2012 ,		2
86	MAC layer fairness in IEEE 802.11 DCF based Wireless Mesh Networks 2012 ,		2
85	RelBAS: Reliable data gathering from border area sensors 2013 ,		2
84	A Scalable Energy Efficient and Delay Bounded Data Gathering Framework for Large Scale Sensor Network 2011 ,		2
83	A reliable and total order tree based broadcast in wireless sensor network 2011 ,		2
82	2011 ,		2
81	Performance analysis of IEEE 802.11 IBSS power save mode using a discrete-time markov model 2012 ,		2
80	Detection of packed malware 2012 ,		2
79	LLM:Low Latency MAC Protocol for Wireless Sensor Networks 2006 ,		2
78	Distributed Location and Lifetime Biased Clustering for Large Scale Wireless Sensor Network. <i>Lecture Notes in Computer Science</i> , 2006 , 534-545	0.9	2
77	Designing a Blockchain Based Framework for IoT Data Trade. <i>Communications in Computer and Information Science</i> , 2020 , 295-308	0.3	2
76	Seamless Handoff between IEEE 802.11 and GPRS Networks. <i>Lecture Notes in Computer Science</i> , 2010 , 84-90	0.9	2
75	Leveraging the trade-off between spatial reuse and channel contention in wireless mesh networks 2016 ,		2
74	A Blockchain-Based Approach for Usage Based Insurance and Incentive in ITS 2019 ,		2
73	CCAPS: Cooperative Context Aware Privacy Scheme for VANETs 2019 ,		2

72	Elliptic Curve Cryptography Based Mechanism for Secure Wi-Fi Connectivity. <i>Lecture Notes in Computer Science</i> , 2019 , 422-439	0.9	2
71	A class of key-node indexed hash chains based key predistribution (KPS): Signed weighted graphs. <i>Computer Networks</i> , 2019 , 164, 106881	5.4	1
70	EvadePDF: Towards Evading Machine Learning Based PDF Malware Classifiers. <i>Communications in Computer and Information Science</i> , 2019 , 140-150	0.3	1
69	I2-diagnosability framework for detection of Advanced Stealth Man in the Middle attack in Wi-Fi networks 2015 ,		1
68	MAC Layer Channel Access and Forwarding in a Directional Multi-Interface Mesh Network. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 565-578	4.6	1
67	Quality of Service provisioning in Named Data Networking via PIT entry reservation and PIT replacement policy. <i>Computer Communications</i> , 2020 , 155, 166-183	5.1	1
66	Intrusion detection system for identification of throughput degradation attack on TCP 2016 ,		1
65	CRT-KPS: A Key Predistribution Schemes Using CRT. <i>Lecture Notes in Computer Science</i> , 2018 , 821-830	0.9	1
64	Defending concealedness in IEEE 802.11n 2014 ,		1
63	Evaluating the effect of path diversity over QoS and QoE in a high speed indoor mesh backbone 2014 ,		1
62	Selective greedy routing: exploring the path diversity in backbone mesh networks. <i>Wireless Networks</i> , 2014 , 20, 1995-2017	2.5	1
61	Probabilistic model checking of IEEE 802.11 IBSS power save mode. <i>International Journal of Wireless and Mobile Computing</i> , 2014 , 7, 465	0.4	1
60	Convergecast tree management from arbitrary node failure in sensor network. <i>Ad Hoc Networks</i> , 2013 , 11, 1796-1819	4.8	1
59	Energy-Efficient Data Gathering for Road-Side Sensor Networks Ensuring Reliability and Fault-Tolerance 2013 ,		1
58	Surpassing flow fairness in a mesh network: How to ensure equity among end users? 2013 ,		1
57	Data rate, path length and network contention trade-off in IEEE 802.11s mesh networks: A dynamic data rate selection approach. <i>Computer Networks</i> , 2015 , 91, 225-243	5.4	1
56	Adaptive path selection for high throughput Heterogeneous Wireless Mesh Networks 2015 ,		1
55	An outlier detection method based on cluster pruning 2014 ,		1

54	Topology Management Ensuring Reliability in Delay Sensitive Sensor Networks with Arbitrary Node Failures. <i>International Journal of Wireless Information Networks</i> , 2014 , 21, 262-279	1.9	1
53	Achieving fairness for multi-class traffic in directional multi-interface IEEE 802.11s MCCA 2012 ,		1
52	Formalization of discovery and communication mechanisms of Tuple Space based Mobile Middleware for underlying unreliable infrastructure 2012 ,		1
51	Security in Mobile agent systems with Locator mechanism 2012 ,		1
50	Exploring gradient in sensor deployment pattern for data gathering with sleep based energy saving 2013 ,		1
49	A mechanism to recover voice from logged VoIP sessions based on RTP 2011 ,		1
48	Achieving MAC layer fairness in wireless mesh backbone based vehicular network 2011 ,		1
47	Secure Network Steganographic Scheme Exploiting TCP Sequence Numbers. <i>Communications in Computer and Information Science</i> , 2011 , 281-291	0.3	1
46	A Scalable and Secure Key Distribution Mechanism for Multicast Networks 2012 ,		1
45	Supporting Tuple Space based Mobile Middleware over unreliable mobile infrastructures: Design and formal specifications 2012 ,		1
44	Impacts of refresh interval parameters on M-OLSR performance for Wireless Mesh Networks 2009 ,		1
43	QDMAC: An Energy Efficient Low Latency MAC Protocol for Query Based Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 306-317	0.9	1
42	Enhancing Route Recovery for QAODV Routing in Mobile Ad Hoc Networks. <i>Parallel Architectures, Algorithms and Networks (I-SPAN), Proceedings of the International Symposium on</i> , 2008 ,		1
41	A Cross-layer QoS Mapping Framework for Mobile Ad Hoc Networks. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2008 , 25, 346	1.5	1
40	CARMA: Cellular Automata Based Remote Mutual Authentication Scheme 2006 ,		1
39	Machine Learning Approach for Fast Electromigration Aware Aging Prediction in Incremental Design of Large Scale On-chip Power Grid Network. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2020 , 25, 1-29	1.5	1
38	Demystifying Security on NDN: A Survey of Existing Attacks and Open Research Challenges. <i>Lecture Notes in Networks and Systems</i> , 2021 , 241-261	0.5	1
37	A Strict Priority Based QoS-Aware MAC Protocol for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 121-132	0.9	1

36	PGRDP: Reliability, Delay, and Power-Aware Area Minimization of Large-Scale VLSI Power Grid Network Using Cooperative Coevolution. <i>Studies in Computational Intelligence</i> , 2020 , 69-84	0.8	1
35	SAS: Seasonality Aware Social-Based Forwarder Selection in Delay Tolerant Networks. <i>Communications in Computer and Information Science</i> , 2020 , 245-265	0.3	1
34	BRAIN: Buffer Reservation Attack Prevention Using Legitimacy Score in 6LoWPAN Network. <i>Communications in Computer and Information Science</i> , 2020 , 208-223	0.3	1
33	Peer-to-Peer Network Classification Using nu-Maximal Margin Spherical Structured Multiclass Support Vector Machine. <i>Lecture Notes in Computer Science</i> , 2012 , 80-84	0.9	1
32	Contrast various tests for primality 2016 ,		1
31	A Time Aware Method for Predicting Dull Nodes and Links in Evolving Networks for Data Cleaning 2016 ,		1
30	Impact of redundant sensor deployment over data gathering performance: A model based approach. <i>Journal of Network and Computer Applications</i> , 2016 , 67, 26-42	7.9	1
29	Incremental Approach for Detecting Arbitrary and Embedded Cluster Structures. <i>Lecture Notes in Computer Science</i> , 2016 , 220-233	0.9	1
28	Evaluating the Effectiveness of Soft K-Means in Detecting Overlapping Clusters 2016 ,		1
27	PGOpt: Multi-objective design space exploration framework for large-Scale on-chip power grid design in VLSI SoC using evolutionary computing technique. <i>Microprocessors and Microsystems</i> , 2021 , 81, 103440	2.4	1
26	Publicly Verifiable Secret Sharing Scheme in Hierarchical Settings Using CLSC over IBC. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 194-205	0.4	1
25	Is QUIC Quicker Than TCP?. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 129-138	0.4	0
24	Scalability of correlation clustering. <i>Pattern Analysis and Applications</i> , 2018 , 21, 703-719	2.3	0
23	Enhanced service differentiation using priority-based MAC protocol for MANETs. <i>International Journal of Communication Networks and Distributed Systems</i> , 2012 , 8, 149	0.4	0
22	Seamless V2I Communication in HetNet: State-of-the-Art and Future Research Directions 2020 , 37-83		0
21	Using Privacy Enhancing and Fine-Grained Access Controlled eKYC to implement Privacy Aware eSign. <i>Advances in Science, Technology and Engineering Systems</i> , 2019 , 4, 347-358	0.3	0
20	TA-ACS: A Trust Aware Adaptive Carrier Selection Scheme for Reliable Routing in Delay Tolerant Networks. <i>Communications in Computer and Information Science</i> , 2020 , 227-244	0.3	0
19	A Scalable Rekeying Scheme for Secure Multicast in IEEE 802.16 Network. <i>Communications in Computer and Information Science</i> , 2011 , 472-481	0.3	0

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