Mohammed Atiquzzaman

List of Publications by Year
in descending order

338 papers	7,795 citations	76326 40 h-index	79698 73 g-index
344 all docs	344 docs citations	344 times ranked	6524 citing authors

#	Article	IF	Citations
1	Energy-Efficient Service Migration for Multi-User Heterogeneous Dense Cellular Networks. IEEE Transactions on Mobile Computing, 2023, 22, 890-905.	5.8	9
2	BLS-Location: A Wireless Fingerprint Localization Algorithm Based on Broad Learning. IEEE Transactions on Mobile Computing, 2023, 22, 115-128.	5.8	21
3	Privacy-Preserving Ensemble Infused Enhanced Deep Neural Network Framework for Edge Cloud Convergence. IEEE Internet of Things Journal, 2023, 10, 3763-3773.	8.7	3
4	A Triggerless Backdoor Attack and Defense Mechanism for Intelligent Task Offloading in Multi-UAV Systems. IEEE Internet of Things Journal, 2023, 10, 5719-5732.	8.7	7
5	Blockchain-Based Federated Learning With Secure Aggregation in Trusted Execution Environment for Internet-of-Things. IEEE Transactions on Industrial Informatics, 2023, 19, 1703-1714.	11.3	22
6	Privacy-preserving location data stream clustering on mobile edge computing and cloud. Information Systems, 2022, 107, 101728.	3.6	10
7	Cybersecurity Standards in the Context of Operating System. ACM Computing Surveys, 2022, 54, 1-36.	23.0	5
8	A statistical approach for enhancing security in VANETs with efficient rogue node detection using fog computing. Digital Communications and Networks, 2022, 8, 814-824.	5.0	14
9	A Lossless Data-Hiding based IoT Data Authenticity Model in Edge-AI for Connected Living. ACM Transactions on Internet Technology, 2022, 22, 1-25.	4.4	2
10	Towards Energy-Efficient Scheduling of UAV and Base Station Hybrid Enabled Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 915-930.	6.3	28
11	Synchronizing UAV Teams for Timely Data Collection and Energy Transfer by Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 6682-6697.	6.3	29
12	Smart Cybersecurity Framework for IoT-Empowered Drones: Machine Learning Perspective. Sensors, 2022, 22, 2630.	3.8	15
13	Toward Mobility-Aware Computation Offloading and Resource Allocation in End–Edge–Cloud Orchestrated Computing. IEEE Internet of Things Journal, 2022, 9, 19450-19462.	8.7	14
14	Federated Learning-Inspired Technique for Attack Classification in IoT Networks. Mathematics, 2022, 10, 2141.	2.2	5
15	A 3-D Topology Evolution Scheme With Self-Adaption for Industrial Internet of Things. IEEE Internet of Things Journal, 2021, 8, 9473-9483.	8.7	8
16	Internet of Flying Things (IoFT): A Survey. Computer Communications, 2021, 165, 53-74.	5.1	53
17	Denial-of-Service Attacks on Wireless Sensor Network and Defense Techniques. Wireless Personal Communications, 2021, 116, 1993-2021.	2.7	21
18	Leveraging Communicating UAVs for Emergency Vehicle Guidance in Urban Areas. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1070-1082.	4.6	73

#	Article	IF	Citations
19	Comparative Performance Evaluation of Intrusion Detection Based on Machine Learning in In-Vehicle Controller Area Network Bus. IEEE Access, 2021, 9, 99595-99605.	4.2	30
20	Guest Editorial Introduction to the Special Section on Blockchain in Future Networks and Vertical Industries. IEEE Transactions on Network Science and Engineering, 2021, 8, 1117-1119.	6.4	3
21	Multi-UAV-enabled AoI-aware WPCN: A Multi-agent Reinforcement Learning Strategy. , 2021, , .		21
22	A scalable blockchain based trust management in VANET routing protocol. Journal of Parallel and Distributed Computing, 2021, 152, 144-156.	4.1	41
23	SeDID: An SGX-enabled decentralized intrusion detection framework for network trust evaluation. Information Fusion, 2021, 70, 100-114.	19.1	30
24	An Unsupervised Learning-Based Spatial Co-Location Detection System from Low-Power Consumption Sensor. Sensors, 2021, 21, 4773.	3.8	0
25	A survey on the role of Internet of Things for adopting and promoting Agriculture 4.0. Journal of Network and Computer Applications, 2021, 187, 103107.	9.1	92
26	Junction-based stable clustering algorithm for vehicular ad hoc network. Annales Des Telecommunications/Annals of Telecommunications, 2021, 76, 777-786.	2.5	10
27	Editorial: Recent Advances in Wireless Internet. Mobile Networks and Applications, 2021, 26, 1068-1069.	3.3	0
28	Dispatch of UAVs for Urban Vehicular Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 13174-13189.	6.3	31
29	ABFL: An autoencoder based practical approach for software fault localization. Information Sciences, 2020, 510, 108-121.	6.9	15
30	An intelligent healthcare system with data priority based on multi vital biosignals. Computer Methods and Programs in Biomedicine, 2020, 185, 105126.	4.7	11
31	Survey of the low power wide area network technologies. Journal of Network and Computer Applications, 2020, 149, 102459.	9.1	41
32	KEIDS: Kubernetes-Based Energy and Interference Driven Scheduler for Industrial IoT in Edge-Cloud Ecosystem. IEEE Internet of Things Journal, 2020, 7, 4228-4237.	8.7	96
33	PMCD: Platoon â€•Merging approach for cooperative driving. Internet Technology Letters, 2020, 3, e139.	1.9	14
34	An Adaptive Network Data Collection System in SDN. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 562-574.	7.9	15
35	Local Differential Privacy for Deep Learning. IEEE Internet of Things Journal, 2020, 7, 5827-5842.	8.7	116
36	Clustering in vehicular ad hoc network: Algorithms and challenges. Computers and Electrical Engineering, 2020, 88, 106851.	4.8	35

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37	Edge Computing in Industrial Internet of Things: Architecture, Advances and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 2462-2488.	39.4	355
38	Indoor Intelligent Fingerprint-Based Localization: Principles, Approaches and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 2634-2657.	39.4	94
39	UAV assistance paradigm: State-of-the-art in applications and challenges. Journal of Network and Computer Applications, 2020, 166, 102706.	9.1	228
40	Softwarization of UAV Networks: A Survey of Applications and Future Trends. IEEE Access, 2020, 8, 98073-98125.	4.2	127
41	Automated Colorization of a Grayscale Image With Seed Points Propagation. IEEE Transactions on Multimedia, 2020, 22, 1756-1768.	7.2	118
42	Caching in Vehicular Named Data Networking: Architecture, Schemes and Future Directions. IEEE Communications Surveys and Tutorials, 2020, 22, 2378-2407.	39.4	80
43	A Trustworthy Privacy Preserving Framework for Machine Learning in Industrial IoT Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 6092-6102.	11.3	138
44	VANETomo: A congestion identification and control scheme in connected vehicles using network tomography. Computer Communications, 2020, 151, 275-289.	5.1	22
45	In-Band Full Duplex Wireless LANs: Medium Access Control Protocols, Design Issues and Their Challenges. Information (Switzerland), 2020, 11, 216.	2.9	9
46	Towards privacy preserving AI based composition framework in edge networks using fully homomorphic encryption. Engineering Applications of Artificial Intelligence, 2020, 94, 103737.	8.1	32
47	SEARCH: An SDN-Enabled Approach for Vehicle Path-Planning. IEEE Transactions on Vehicular Technology, 2020, 69, 14523-14536.	6.3	33
48	F-RouND: Fog-Based Rogue Nodes Detection in Vehicular Ad Hoc Networks. , 2020, , .		3
49	Interoperability in Internet of Things: Taxonomies and Open Challenges. Mobile Networks and Applications, 2019, 24, 796-809.	3.3	365
50	Routing protocols and architecture for disaster area network: A survey. Ad Hoc Networks, 2019, 82, 1-14.	5.5	69
51	Demand-Response Management Using a Fleet of Electric Vehicles: An Opportunistic-SDN-Based Edge-Cloud Framework for Smart Grids. IEEE Network, 2019, 33, 46-53.	6.9	36
52	Guest Editorial: Special Issue on Edge Network Computing for Big Data Systems over Internet of Things. IET Networks, 2019, 8, 143-144.	1.8	0
53	ECaD: Energyâ€efficient routing in flying ad hoc networks. International Journal of Communication Systems, 2019, 32, e4156.	2.5	64
54	MobQoS: Mobility-Aware and QoS-Driven SDN Framework for Autonomous Vehicles. IEEE Wireless Communications, 2019, 26, 12-20.	9.0	66

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55	Editorial: New editors 2019. Journal of Network and Computer Applications, 2019, 139, iii-v.	9.1	0
56	Editorial: 2018 best paper awards. Journal of Network and Computer Applications, 2019, 142, iii.	9.1	0
57	New editors 2019. Vehicular Communications, 2019, 18, 100173.	4.0	0
58	2018 Best Paper Awards. Vehicular Communications, 2019, 18, 100174.	4.0	1
59	A Survey on Secure Data Analytics in Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4946-4967.	8.7	115
60	Routing in Flying Ad Hoc Networks: Survey, Constraints, and Future Challenge Perspectives. IEEE Access, 2019, 7, 81057-81105.	4.2	168
61	Extension of MIH for FPMIPv6 (EMIH-FPMIPv6) to support optimized heterogeneous handover. Future Generation Computer Systems, 2019, 97, 775-791.	7.5	9
62	Security Vulnerabilities, Attacks, Countermeasures, and Regulations of Networked Medical Devicesâ€"A Review. IEEE Communications Surveys and Tutorials, 2019, 21, 3723-3768.	39.4	130
63	An Intelligent System for Preventing SSL Stripping-based Session Hijacking Attacks. , 2019, , .		8
64	Elastic and Inelastic Content Distribution Based on Clonal Selection in VANETs. , 2019, , .		3
65	A Subregional Monitoring-Oriented Topology Control Strategy in UWSNs. , 2019, , .		1
66	An Intelligent Robust Networking Mechanism for the Internet of Things. IEEE Communications Magazine, 2019, 57, 91-95.	6.1	75
67	The Internet of Things: A Review of Enabled Technologies and Future Challenges. IEEE Access, 2019, 7, 7606-7640.	4.2	152
68	Real-time Secure Health Surveillance for Smarter Health Communities. IEEE Communications Magazine, 2019, 57, 122-129.	6.1	38
69	Data Collection for Security Measurement in Wireless Sensor Networks: A Survey. IEEE Internet of Things Journal, 2019, 6, 2205-2224.	8.7	131
70	CVCG: Cooperative V2V-Aided Transmission Scheme Based on Coalitional Game for Popular Content Distribution in Vehicular Ad-Hoc Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2811-2828.	5.8	98
71	Collaborative extreme learning machine with a confidence interval for P2P learning in healthcare. Computer Networks, 2019, 149, 127-143.	5.1	17
72	A Secure and Efficient Location-based Service Scheme for Smart Transportation. Future Generation Computer Systems, 2019, 92, 694-704.	7.5	29

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73	Cooperative trust relaying and privacy preservation via edge-crowdsourcing in social Internet of Things. Future Generation Computer Systems, 2019, 92, 758-776.	7.5	56
74	Guest Editorial Introduction to the Special Issue on Dependable Wireless Vehicular Communications for Intelligent Transportation Systems (ITS). IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 949-952.	8.0	6
75	How Can Heterogeneous Internet of Things Build Our Future: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2011-2027.	39.4	314
76	PrivacyProtector: Privacy-Protected Patient Data Collection in IoT-Based Healthcare Systems. , 2018, 56, 163-168.		187
77	LTE/LTE-A Network Security Data Collection and Analysis for Security Measurement: A Survey. IEEE Access, 2018, 6, 4220-4242.	4.2	59
78	CRPD: a novel clustering routing protocol for dynamic wireless sensor networks. Personal and Ubiquitous Computing, 2018, 22, 545-559.	2.8	37
79	NHAD: Neuro-Fuzzy Based Horizontal Anomaly Detection In Online Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, , 1-1.	5.7	13
80	Security threats in Bluetooth technology. Computers and Security, 2018, 74, 308-322.	6.0	60
81	An indicative opinion generation model for short texts on social networks. Future Generation Computer Systems, 2018, 86, 1471-1480.	7.5	4
82	Mining of marital distress from microblogging social networks: A case study on Sina Weibo. Future Generation Computer Systems, 2018, 86, 1481-1490.	7.5	6
83	Survivability and scalability of space networks: a survey. Telecommunication Systems, 2018, 68, 295-318.	2.5	8
84	Secure and efficient protocol for fast handover in 5G mobile Xhaul networks. Journal of Network and Computer Applications, 2018, 102, 38-57.	9.1	48
85	SentiRelated: A cross-domain sentiment classification algorithm for short texts through sentiment related index. Journal of Network and Computer Applications, 2018, 101, 111-119.	9.1	23
86	Anonymous Communication via Anonymous Identity-Based Encryption and Its Application in IoT. Wireless Communications and Mobile Computing, 2018, 2018, 1-8.	1.2	22
87	Sequencing System Calls for Effective Malware Detection in Android. , 2018, , .		8
88	Hybrid-Vehcloud: An Obstacle Shadowing Approach for VANETs in Urban Environment. , 2018, , .		2
89	Information-Centric Network-Based Vehicular Communications: Overview and Research Opportunities. Sensors, 2018, 18, 3957.	3.8	36
90	Interoperability in Internet of Things Infrastructure: Classification, Challenges, and Future Work. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 11-18.	0.3	19

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91	TMED: A Spider-Web-Like Transmission Mechanism for Emergency Data in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8682-8694.	6.3	96
92	Smart government framework with geo-crowdsourcing and social media analysis. Future Generation Computer Systems, 2018, 89, 1-9.	7.5	25
93	Partitioning and offloading in smart mobile devices for mobile cloud computing: State of the art and future directions. Journal of Network and Computer Applications, 2018, 119, 83-96.	9.1	30
94	Survey of the Protection Mechanisms to the SSL-based Session Hijacking Attacks. Network Protocols and Algorithms, 2018, 10, 83.	1.0	13
95	Designing Privacy-Preserving Protocols for Content Sharing and Aggregation in Content Centric Networking. IEEE Access, 2018, 6, 42119-42130.	4.2	7
96	Adaptive selection of dynamic VM consolidation algorithm using neural network for cloud resource management. Future Generation Computer Systems, 2018, 87, 35-42.	7.5	46
97	Guest Editorial Special Issue on Wireless Energy Harvesting for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2580-2584.	8.7	4
98	Green Computing and Communications for Smart Portable Devices. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	1
99	Fast and peer-to-peer vital signal learning system for cloud-based healthcare. Future Generation Computer Systems, 2018, 88, 220-233.	7.5	14
100	DFCV: A Novel Approach for Message Dissemination in Connected Vehicles Using Dynamic Fog. Lecture Notes in Computer Science, 2018, , 311-322.	1.3	11
101	Shortest Link Scheduling Algorithms in Wireless Networks Under the SINR Model. IEEE Transactions on Vehicular Technology, 2017, 66, 2643-2657.	6.3	56
102	SDM: Smart deduplication for mobile cloud storage. Future Generation Computer Systems, 2017, 70, 64-73.	7.5	19
103	Scheduling internet of things applications in cloud computing. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 79-93.	2.5	40
104	ViSiBiD: A learning model for early discovery and real-time prediction of severe clinical events using vital signs as big data. Computer Networks, 2017, 113, 244-257.	5.1	63
105	Editorial: Recent Advances in Heterogeneous Networking for Quality, Reliability, Security and Robustness. Mobile Networks and Applications, 2017, 22, 1-3.	3.3	11
106	A new content-defined chunking algorithm for data deduplication in cloud storage. Future Generation Computer Systems, 2017, 71, 145-156.	7.5	42
107	Reliable delay-sensitive spectrum handoff management for re-entrant secondary users. Ad Hoc Networks, 2017, 66, 85-94.	5.5	6
108	Editorial: New Editors 2017. Journal of Network and Computer Applications, 2017, 87, A1-A5.	9.1	0

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109	Towards Safer Roads through Cooperative Hazard Awareness and Avoidance in Connected Vehicles. , 2017, , .		8
110	A reliable Internet of Things based architecture for oil and gas industry. , 2017, , .		71
111	Energy-aware scheduling on heterogeneous multi-core systems with guaranteed probability. Journal of Parallel and Distributed Computing, 2017, 103, 64-76.	4.1	17
112	Towards Cyber-Physical Systems Design for Structural Health Monitoring. ACM Transactions on Cyber-Physical Systems, 2017, 1, 1-26.	2.5	17
113	User-aware partitioning algorithm for mobile cloud computing based on maximum graph cuts. Computer Networks, 2017, 129, 193-206.	5.1	8
114	Editorial: 2016 Best Paper Awards. Journal of Network and Computer Applications, 2017, 95, A1-A4.	9.1	0
115	Energy efficient device discovery for reliable communication in 5G-based IoT and BSNs using unmanned aerial vehicles. Journal of Network and Computer Applications, 2017, 97, 79-95.	9.1	60
116	Primary Component Carrier Assignment in LTE-A. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 160-170.	0.3	0
117	A testbed implementation of hybrid decision model based seamless lightweight vertical handover. , 2017, , .		2
118	Multi-document abstractive summarization using chunk-graph and recurrent neural network. , 2017, , .		9
119	Privacyâ€preserving cloudâ€based billing with lightweight homomorphic encryption for sensorâ€enabled smart grid infrastructure. IET Wireless Sensor Systems, 2017, 7, 182-190.	1.7	16
120	A Data-Driven Robustness Algorithm for the Internet of Things in Smart Cities. , 2017, 55, 18-23.		27
121	Real-Time Scheduling for Periodic Tasks in Homogeneous Multi-core System with Minimum Execution Time. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 175-187.	0.3	1
122	Distributed collision control with the integration of packet size for congestion control in wireless sensor networks. Wireless Communications and Mobile Computing, 2016, 16, 59-78.	1.2	5
123	A New Random Walk for Replica Detection in WSNs. PLoS ONE, 2016, 11, e0158072.	2.5	16
124	OnSeS: A Novel Online Short Text Summarization Based on BM25 and Neural Network. , 2016, , .		6
125	Comparison of NEMO Schemes in Proxy Mobile IPv6 Domain. , 2016, , .		2
126	An Optimized RM Algorithm by Task Affinity on Multi-Core Processor. , 2016, , .		2

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127	Editorial: 2015 Best Paper Awards. Journal of Network and Computer Applications, 2016, 65, A1-A3.	9.1	0
128	A novel contention-on-demand design for WiFi hotspots. Personal and Ubiquitous Computing, 2016, 20, 705-716.	2.8	7
129	Joint and selective periodic component carrier assignment for LTE-A. Computer Networks, 2016, 110, 192-205.	5.1	0
130	Behavioral malware detection approaches for Android. , 2016, , .		14
131	Connected dominating set construction in cognitive radio networks. Personal and Ubiquitous Computing, 2016, 20, 757-769.	2.8	10
132	Security threats in vehicular ad hoc networks. , 2016, , .		14
133	Trust based reliable transmissions strategies for smart home energy consumption management in cognitive radio based smart grid. Ad Hoc Networks, 2016, 41, 15-29.	5.5	24
134	A cost analysis framework for claimer reporter witness based clone detection schemes in WSNs. Journal of Network and Computer Applications, 2016, 63, 68-85.	9.1	13
135	Resilient to shared spectrum noise scheme for protecting cognitive radio smart grid readings <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mo>â‹</mml:mo></mml:math> BCH based steganographic approach. Ad Hoc Networks, 2016, 41, 30-46.	5.5	9
136	GDTN: Genome-Based Delay Tolerant Network Formation in Heterogeneous 5G Using Inter-UA Collaboration. PLoS ONE, 2016, 11, e0167913.	2.5	18
137	RTTMM: Role based 3-Tier Mobility Model for Evaluation of Delay Tolerant Routing Protocols in Post Disaster Situation. , 2016, , .		3
138	Selective Periodic Component Carrier Assignment Technique in LTE and LTE-A Systems. , 2015, , .		1
139	Analysis of Joint and Partial Component Carrier Assignment Techniques in LTE and LTE-A. , 2015, , .		1
140	Secure and reliable surveillance over cognitive radio sensor networks in smart grid. Pervasive and Mobile Computing, 2015, 22, 3-15.	3.3	23
141	Multiâ€objective optimisation for selective packet discarding in wireless sensor network. IET Wireless Sensor Systems, 2015, 5, 124-136.	1.7	3
142	Energy aware scheduling and queue management for next generation Wi-Fi routers. , 2015, , .		1
143	Joint and partial carrier components assignment techniques based on user profile in LTE systems. , 2015, , .		5
144	Copy limited flooding over opportunistic networks. Journal of Network and Computer Applications, 2015, 58, 94-107.	9.1	8

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145	Management and Analysis of Multi Class Traffic in Single and Multi-band Systems. Wireless Personal Communications, 2015, 83, 231-258.	2.7	2
146	Location-dependent disclosure risk based decision support framework for persistent authentication in pervasive computing applications. Computer Networks, 2015, 88, 161-177.	5.1	8
147	Robust privacy preservation and authenticity of the collected data in cognitive radio networkâ€"Walshâ€"Hadamard based steganographic approach. Pervasive and Mobile Computing, 2015, 22, 58-70.	3.3	13
148	User authentication schemes for wireless sensor networks: A review. Ad Hoc Networks, 2015, 27, 159-194.	5.5	123
149	An effective framework of behavior detection-advanced static analysis for malware detection. , 2014, , .		2
150	Carrier components assignment method for LTE and LTE-A systems based on user profile and application. , 2014, , .		5
151	DDSS: Dynamic dedicated servers scheduling for multi priority level classes in cloud computing. , 2014, , .		4
152	h-DDSS: Heterogeneous Dynamic Dedicated servers scheduling in cloud computing. , 2014, , .		4
153	Bandwidth-adaptive partitioning for distributed execution optimization of mobile applications. Journal of Network and Computer Applications, 2014, 37, 334-347.	9.1	52
154	By-Passing Infected Areas in Wireless Sensor Networks using BPR. IEEE Transactions on Computers, 2014, , 1-1.	3.4	6
155	Selective Periodic Component Carrier Assignment Technique in LTE and LTE-A Systems. , 2014, , .		0
156	Analysis of Joint and Partial Component Carrier Assignment Techniques in LTE and LTE-A. , 2014, , .		0
157	Network Mobility in satellite networks: architecture and the protocol. International Journal of Communication Systems, 2013, 26, 177-197.	2.5	10
158	Cost analysis of mobility protocols. Telecommunication Systems, 2013, 52, 2271-2285.	2.5	29
159	P-SIGMA : security aware paging in end-to-end mobility management scheme. Wireless Networks, 2013, 19, 2049-2065.	3.0	0
160	Efficient route optimization scheme for nested-NEMO. Journal of Network and Computer Applications, 2013, 36, 1039-1049.	9.1	12
161	Bandwidth-adaptive application partitioning for execution time and energy optimization. , 2013, , .		9
162	Multi class traffic analysis of single and multi-band queuing system. , 2013, , .		8

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163	A novel scheduling and queue management scheme for multi-band mobile routers. , 2013, , .		4
164	Cost and efficiency analysis of hierarchical SIGMA. , 2012, , .		1
165	Performance evaluation of multihomed NEMO. , 2012, , .		17
166	On the efficiency of IPv6-based network mobility. , 2012, , .		0
167	Performance comparison between multihomed network mobility protocols. , 2012, , .		6
168	Analysis of Proxy Mobile IPv6: A network-based mobility solution. , 2012, , .		3
169	A network-based seamless handover scheme for multi-homed devices. , 2012, , .		0
170	A Cost Analysis Framework for NEMO Prefix Delegation-Based Schemes. IEEE Transactions on Mobile Computing, 2012, 11, 1192-1206.	5.8	7
171	Special issue on â€œChallenges in high-performance switching and routing in the Future Internetâ€. Computer Networks, 2012, 56, 3007-3009.	5.1	0
172	Cost and Efficiency Analysis of NEMO Protocol Entities. Journal of Networks, 2012, 7, .	0.4	2
173	Diversity combining for mobile FSO nodes in SIMO setup. , 2011, , .		5
174	Security vulnerabilities and protection mechanisms of mobility management protocols. , 2011, , .		2
175	A sender-based TFRC for Saratoga: A rate control mechanism for a space-friendly transfer protocol. , 2011, , .		3
176	Asymptotic scalability analysis of mobility protocols based on signalling overhead. International Journal of Communication Networks and Distributed Systems, 2011, 7, 119.	0.4	0
177	Performance of Prefix Delegation-Based Route Optimization Schemes for NEMO. Wireless Personal Communications, 2011, 56, 469-490.	2.7	4
178	Performance Analysis of Prefix Delegation-Based Route Optimization Schemes: Effects of Increasing the Number of Nodes. Wireless Personal Communications, 2011, 61, 679-695.	2.7	0
179	Mobile free space optic nodes in singleâ€input multipleâ€output setup under transmitter misalignment. Wireless Communications and Mobile Computing, 2011, 11, 1540-1550.	1.2	1
180	Exploiting trunked radio to support ITS network expansion and redundancy. , 2011, , .		3

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181	Cost Analysis of Mobility Management Entities of SINEMO. , 2011, , .		10
182	Survivability evaluation of NEMO with multiple mobile routers. , 2011, , .		1
183	Scalability analysis of a multihomed network mobility protocol. , 2011, , .		2
184	Adaptive Localized Active Route Maintenance Mechanism to Improve Performance of VoIP over Ad Hoc Networks. Journal of Communications, 2011, 6, .	1.6	5
185	Cost analysis of mobility entities of hierarchical mobile IPv6. , 2010, , .		6
186	Cross-layer speculative architecture for end systems and gateways in computer networks with lossy links. Wireless Networks, 2010, 16, 1621-1638.	3.0	3
187	mSIGMA: An Efficient Handoff Scheme for Multiclass Networks. IEEE Systems Journal, 2010, 4, 210-220.	4.6	10
188	Performance of Prefix Delegation-Based Route Optimization Schemes: Intra Mobile Network Case. , 2010, , .		2
189	Scalability analysis of NEMO prefix delegation-based schemes. , 2010, , .		1
190	Performance analysis of NEMO using city section mobility model. , 2010, , .		2
191	Selection diversity for wireless optical communications with non-coherent detection without CSI. , 2010, , .		6
192	Reconfiguration Modeling of Reconfigurable Hybrid FSO/RF Links. , 2010, , .		7
193	A PSAM-based estimator of noise and fading statistics for optimum receivers of free space optics signals. , 2010, , .		8
194	Toward an optimal combined FSO/RF system via an adaptive bit rate control. , 2010, , .		4
195	Cost analysis of NEMO protocol entities. , 2010, , .		4
196	On the Capacity of Hybrid FSO/RF Links. , 2010, , .		20
197	Route optimization in network mobility: Solutions, classification, comparison, and future research directions. IEEE Communications Surveys and Tutorials, 2010, 12, 24-38.	39.4	36
198	Availability Modeling of FSO/RF Mesh Networks through Turbulence-Induced Fading Channels. , 2010, , .		12

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199	Performance Comparison between MIPv6 and SEMO6. , 2010, , .		5
200	BER analysis of optical wireless signals through lognormal fading channels with perfect CSI. , 2010, , .		25
201	AODVH: Ad Hoc On-Demand Distance Vector Routing for Hybrid Nodes. , 2010, , .		5
202	Performance evaluation of AODVH: An Ad hoc networking scheme for hybrid nodes. , 2010, , .		4
203	Scheduling and Queue Management for Multi-class Traffic in Access Router of Mobility Protocol. , 2010, , .		3
204	Cost analysis of mobility management entities for SIGMA. , 2010, , .		1
205	Network Traffic Analysis and SCADA Security. , 2010, , 383-405.		17
206	Network Friendliness of Mobility Management Protocols. , 2009, , .		0
207	Evaluation of Prefix Delegation-Based Route Optimization Schemes for NEMO. , 2009, , .		5
208	Using cross-layer metrics to improve the performance of end-to-end handover mechanisms. Computer Communications, 2009, 32, 1600-1612.	5.1	26
209	Performance comparison of classic and fuzzy logic controllers for communication airships. , 2009, , .		5
210	Stochastic Properties and Application of City Section Mobility Model. , 2009, , .		24
211	Control algorithm development for mobile FSO node alignment. , 2009, , .		10
212	Multipath hybrid Ad hoc networks for avionics applications in disaster area. , 2009, , .		3
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