

List of Projects in NS2

S-Logix

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1. Energy Efficient Coverage Extension Relay Node Placement in LTE-A Networks, IEEE Communications Letters, April 2017 [NS2].
2. Bandwidth Scheduling for Energy Efficiency in High-performance Networks, IEEE Transactions on Communications, April 2017 [NS2].
3. O-MAC: Opportunistic MAC Protocol for M2M Communication in WiFi White Spaces, IEEE Communications Letters, January 2017 [NS2].
4. QGeo: Q-Learning based Geographic Ad-Hoc Routing Protocol for Unmanned Robotic Networks, IEEE Communications Letters, January 2017 [NS2].
5. Smooth Mobility and Link Reliability based Optimized Link State Routing Scheme for MANETs, IEEE Communications Letters, January 2017 [NS2].
6. Secrecy Outage Analysis of k-th Best Link in Random Wireless Networks, IEEE Transactions on Communications, June 2017 [NS2].
7. Low-complexity Base Station Selection Scheme in mmWave Cellular Networks, IEEE Transactions on Communications, June 2017 [NS2].
8. Universal and Dynamic Clustering Scheme for Energy Constrained Cooperative Wireless Sensor Networks, IEEE Access, January 2017 [NS2].
9. Based Energy Balance Steerable Arguments Coverage Method in WSNs, IEEE Access, March 2017 [NS2].
10. Game-Based Approach for QoS Provisioning and Interference Management in Heterogeneous Networks, IEEE Access, May 2017 [NS2].
11. Multi-Constrained QoS Routing based on PSO for Named Data Networking, IET Communications, June 2017 [NS2].
12. Dynamic Hierarchical Aggregation for Vehicular Sensing, IEEE Transactions on Intelligent Transportation Systems, May 2017 [NS2].

13. Analysis of Latency and MAC-layer Performance for Class A LoRaWAN, IEEE Wireless Communications Letters, June 2017 [NS2].
14. Neighbor-Aided Localization in Vehicular Networks, IEEE Transactions on Intelligent Transportation Systems, March 2017 [NS2].
15. Efficient Privacy-Preserving Dual Authentication and Key Agreement Scheme for Secure V2V Communications in an IoV Paradigm, IEEE Transactions on Intelligent Transportation Systems, March 2017 [NS2].
16. Throughput of Infrastructure-Based Cooperative Vehicular Networks, IEEE Transactions on Intelligent Transportation Systems, March 2017 [NS2].
17. Dynamic Rerouting Behavior and Its Impact on Dynamic Traffic Patterns, IEEE Transactions on Intelligent Transportation Systems, April 2017 [NS2].
18. Reliable Cooperative Authentication for Vehicular Networks, IEEE Transactions on Intelligent Transportation Systems, June 2017 [NS2].
19. V2X Routing in a VANET Based on the Hidden Markov Model, IEEE Transactions on Intelligent Transportation Systems, June 2017 [NS2].
20. Automatic Incident Detection in Intelligent Transportation Systems Using Aggregation of Traffic Parameters Collected Through V2I Communications, IEEE Intelligent Transportation Systems Magazine, April 2017 [NS2].
21. Private Reputation Retrieval in Public – A Privacy-Aware Announcement Scheme for VANET, IET Information Security, June 2017 [NS2].
22. A Collaborative DDoS Defence Framework using Network Function Virtualization, IEEE Transactions on Information Forensics and Security, May 2017 [NS2].
23. Privacy-Aware Caching in Information-Centric Networking, IEEE Transactions on Dependable and Secure Computing, March 2017 [NS2].
24. Fault-Tolerant Adaptive Routing in Dragonfly Networks, IEEE Transactions on Dependable and Secure Computing, April 2017 [NS2].
25. Reliable emergency message dissemination protocol for urban internet of vehicles, IET Communications, June 2017 [NS2].
26. Benefits of Data Aggregation on Energy Consumption in Wireless Sensor Networks, IET Communications, June 2017 [NS2].

27. Energy-efficient mobile data collection adopting node cooperation in an underwater acoustic sensor network, China Communications, June 2017 [NS2].
28. Energy-efficient multi-mode clusters maintenance (M2CM) for hierarchical wireless sensor networks, China Communications, June 2017 [NS2].
29. Power Control for Energy Efficient D2D Communication in Heterogeneous Networks with Eavesdropper, IEEE Communications Letters, June 2017 [NS2].
30. Mobile Crowdsensing in Software Defined Opportunistic Networks, IEEE Communications Magazine, IEEE Communications Magazine, June 2017 [NS2].
31. Security-Aware Resource Allocation for Mobile Social Big Data: A Matching-Coalition Game Solution, IEEE Transactions on Big Data, May 2017 [NS2].
32. SGuard: A lightweight SDN safe-guard architecture for DoS attacks, China Communications, June 2017 [NS2].
33. DORE: An Experimental Framework to Enable Outband D2D Relay in Cellular Networks, IEEE/ACM Transactions on Networking, June 2017 [NS2].
34. Energy-Assisted Decode-and-Forward for Energy Harvesting Cooperative Cognitive Networks, IEEE Transactions on Cognitive Communications and Networking, May 2017 [NS2].
35. No Packet Left Behind: Avoiding Starvation in Dynamic Topologies, IEEE/ACM Transactions on Networking, June 2017 [NS2].
36. Multicast in Multihop CRNs Under Uncertain Spectrum Availability: A Network Coding Approach, IEEE/ACM Transactions on Networking, March 2017 [NS2].
37. MCR: Structure-Aware Overlay-Based Latency-Optimal Greedy Relay Search, IEEE/ACM Transactions on Networking, June 2017 [NS2].
38. Joint Spectrum and Energy Efficiency in Device to Device Communication Enabled Wireless Networks, IEEE Transactions on Cognitive Communications and Networking, March 2017 [NS2].
39. On Transmission Mode Selection in D2D-Enhanced Small Cell Networks, IEEE Wireless Communications Letters, July 2017 [NS2].
40. Location Privacy Preservation in Database-Driven Wireless Cognitive Networks Through Encrypted Probabilistic Data Structures, IEEE Transactions on Cognitive Communications and Networking, May 2017 [NS2].

41. Privacy and Integrity Preserving Top-k Query Processing for Two-Tiered Sensor Networks, IEEE/ACM Transactions on Networking, May 2017 [NS2].
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43. Quality-Aware Energy Optimization in Wireless Video Communication With Multipath TCP, IEEE/ACM Transactions on Networking, June 2017 [NS2]
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45. ROSE: Robustness Strategy for Scale-Free Wireless Sensor Networks, IEEE/ACM Transactions on Networking, June 2017 [NS2].
46. Routing in Accumulative Multi-Hop Networks, IEEE/ACM Transactions on Networking, May 2017 [NS2].
47. Transient Community Detection and Its Application to Data Forwarding in Delay Tolerant Networks, IEEE/ACM Transactions on Networking, June 2017 [NS2].
48. Semantic Reasoning in Cognitive Networks for Heterogeneous Wireless Mesh Systems, IEEE Transactions on Cognitive Communications and Networking, June 2017 [NS2].
49. RuleScope: Inspecting Forwarding Faults for Software-Defined Networking, IEEE/ACM Transactions on Networking, April 2017 [NS2].
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51. Achieving Accurate and Real-Time Link Estimation for Low Power Wireless Sensor Networks, IEEE/ACM Transactions on Networking, April 2017 [NS2].
52. A Longitudinal Measurement Study of TCP Performance and Behavior in 3G/4G Networks Over High Speed Rails, IEEE/ACM Transactions on Networking, May 2017 [NS2].
53. A Novel Approximation for Multi-Hop Connected Clustering Problem in Wireless Networks, IEEE/ACM Transactions on Networking, May 2017 [NS2].
54. Application-Aware Resource Allocation of Hybrid Traffic in Cellular Networks, IEEE Transactions on Cognitive Communications and Networking, March 2017 [NS2].

55. Capability-Based Security Enforcement in Named Data Networking, IEEE/ACM Transactions on Networking, June 2017 [NS2].
56. D2D-Aware Device Caching in MmWave-Cellular Networks, IEEE Journal on Selected Areas in Communications, June 2017 [NS2].
57. Congestion Control for Background Data Transfers With Minimal Delay Impact, IEEE/ACM Transactions on Networking, June 2017 [NS2].
58. Chase: Taming Concurrent Broadcast for Flooding in Asynchronous Duty Cycle Networks, IEEE/ACM Transactions on Networking, June 2017 [NS2].
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60. An Overlay Architecture for Throughput Optimal Multipath Routing, IEEE/ACM Transactions on Networking, May 2017 [NS2].
61. Delay-aware ABS Adjustment to Support QoS for Real-time Traffic in LTE-A HetNet, IEEE Wireless Communications Letters, June 2017 [NS2].
62. Are We Really Close? Verifying Proximity in Wireless Systems, IEEE Security & Privacy, June 2017 [NS2].
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64. Congestion Control for Web Real-Time Communication, IEEE/ACM Transactions on Networking, June 2017 [NS2].
65. Analog Bloom Filter and Contention-Free Multi-Bit Simultaneous Query for Centralized Wireless Networks, IEEE/ACM Transactions on Networking, June 2017 [NS2].
66. Distributed and Coordinated Spectrum Access Methods for Heterogeneous Channel Bonding, IEEE Transactions on Cognitive Communications and Networking, May 2017 [NS2].
67. Improved Handover Through Dual Connectivity in 5G mmWave Mobile Networks, IEEE Journal on Selected Areas in Communications, June 2017 [NS2].
68. Green Virtualization for Multiple Collaborative Cellular Operators, IEEE Transactions on Cognitive Communications and Networking, June 2017 [NS2].

69. A Geographical Proximity Aware Multi-path Routing Mechanism for Resilient Networking, IEEE Communications Letters, April 2017 [NS2].
70. Multiple Target Counting and Localization using Variational Bayesian EM Algorithm in Wireless Sensor Networks, IEEE Transactions on Communications, April 2017 [NS2].
71. Overlapping Coalition Formation Game Based Opportunistic Cooperative Localization Scheme for Wireless Networks, IEEE Transactions on Communications, May 2017 [NS2].
72. Ambient Backscatter: A New Approach to Improve Network Performance for RF-Powered Cognitive Radio Networks, IEEE Transactions on Communications, June 2017 [NS2].
73. Performance Modeling for Multipath Mobile Data Offloading in Cellular/WiFi Networks, IEEE Transactions on Communications, June 2017 [NS2].
74. Learning Based Content Caching and Sharing for Wireless Networks, IEEE Transactions on Communications, June 2017 [NS2].
75. Trustworthiness Evaluation-based Routing Protocol for Incompletely Predictable Vehicular Ad hoc Networks, IEEE Transactions on Big Data, June 2017 [NS2].
76. Balanced Load Distribution with Energy Hole Avoidance in Underwater WSNs, IEEE Access, January 2017 [NS2].
77. Research and Simulation of Queue Management Algorithms in Ad Hoc Networks under DDoS Attack, IEEE Access, March 2017 [NS2].
78. Incentive-Compatible Packet Forwarding in Mobile Social Networks via Evolutionary Game Theory, IEEE Access, April 2017 [NS2].
79. Establishing a cooperation-based and void node avoiding energy-efficient underwater WSNs for a cloud, IEEE Access, May 2017 [NS2].
80. Performance Optimization for a Future Self-Organizing Network Based on Multi-Objective Evolutionary Techniques, IEEE Access, May 2017 [NS2].
81. An Efficient Cache Strategy in Information Centric Networking Vehicle-to-Vehicle Scenario, IEEE Access, June 2017 [NS2].
82. Intrusion Detection Based on State Context and Hierarchical Trust in Wireless Sensor Networks, IEEE Access, June 2017 [NS2].

83. A Hybrid Approach for Efficient Privacy Preserving Authentication in VANET, IEEE Access, June 2017 [NS2].
84. A Secure Privacy-Preserving Data Aggregation Scheme based on Bilinear ElGamal Cryptosystem for Remote Health Monitoring Systems, IEEE Access, June 2017 [NS2].
85. Tradeoff Between Sensing Quality and Network Lifetime for Heterogeneous Target Coverage Using Directional Sensor Nodes, IEEE Access, June 2017 [NS2].
86. The Impacts of Weak Links on Routing Process in Large Scale Multi-hop Networks, IEEE Access, June 2017 [NS2].
87. Enhancing Quality of Service Conditions Using a Cross-Layer Paradigm for Ad-hoc Vehicular Communication, IEEE Access, June 2017.
88. Multiple Attributes Decision Fusion for Wireless Sensor Networks Based on Intuitionistic Fuzzy Set, IEEE Access, July 2017 [NS2].
89. Design of Lightweight Authentication and Key Agreement Protocol for Vehicular Ad Hoc Networks, IEEE Access, July 2017 [NS2].
90. A Secure and Efficient Authentication Mechanism Applied to Cognitive Radio Networks, IEEE Access, July 2017 [NS2].
91. Vertical Handoff Decision Using Fuzzification and Combinatorial Fusion, IEEE Communications Letters, May 2017 [NS2].
92. Survivability-Aware Connectivity Restoration for Partitioned Wireless Sensor Networks, IEEE Communications Letters, April 2017 [NS2].
93. Routing in Wireless Networks with Interferences, IEEE Communications Letters, June 2017 [NS2].
94. Resource Allocation for D2D Wireless Networks with Asymmetric Social Weighted Graph, IEEE Communications Letters, June 2017 [NS2].
95. Random Subchannel Selection of Store-Carry and Forward Transmissions in Traffic Hotspots, IEEE Communications Letters, May 2017 [NS2].
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99. Interference Resilient Duty Cycling for Sensor Networks under Co-existing Environments, IEEE Transactions on Communications, April 2017 [NS2].
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101. Extensive Cooperative Caching in D2D Integrated Cellular Networks, IEEE Communications Letters, June 2017 [NS2].
102. Energy-Efficient Resource Reuse Scheme for D2D Communications Underlying Cellular Networks, IEEE Communications Letters, June 2017 [NS2].
103. Energy Efficient Localization Algorithm with Improved Accuracy in Cognitive Radio Networks, IEEE Transactions on Communications, April 2017 [NS2].
104. Energy Efficiency Optimization of Secondary Network Considering Primary User Return with Alternating-Phase-Type Traffic, IEEE Transactions on Communications, April 2017 [NS2].
105. Cooperation Based Probabilistic Caching Strategy in Clustered Cellular Networks, IEEE Communications Letters, June 2017 [NS2].
106. Caching Placement with Recommendation Systems for Cache-enabled Mobile Social Networks, IEEE Communications Letters, June 2017 [NS2].
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108. A Multi-stage Solution for NFV-enabled Multicast over the Hybrid Infrastructure, IEEE Communications Letters, June 2017 [NS2].
109. Algebra and Algorithms for Multipath QoS Routing in Link State Networks, Journal of Communications and Networks, May 2017 [NS2].
110. A Hybrid Model for Data Prediction in Real-World Wireless Sensor Networks, IEEE Communications Letters, May 2017 [NS2].
111. Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs, IEEE Transactions on Mobile Computing, 2016 [NS2].
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113. Private and Verifiable Interdomain Routing Decisions, IEEE/ACM Transactions on Networking, April 2016 [NS2].
114. Video Streaming over Ad-hoc Networks a QoE-based Optimal Routing Solution, IEEE Transaction on Vehicular Technology, 2016 [NS2].
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116. Practical Asynchronous Neighbor Discovery in Ad Hoc Networks With Directional Antennas, IEEE Transaction on Vehicular Security, 2016 [NS2].
117. Optimal Capacity-Delay Tradeoff in MANETs with Correlation of Node Mobility, IEEE Transactions on Vehicular Technology, 2016 [NS2].
118. eDSA- Energy-Efficient Dynamic Spectrum Access Protocols for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
119. Analytical Evaluation of Saturation Throughput of a Cognitive WLAN Overlaid on a Time-Scheduled OFDMA Network, IEEE Transactions on Mobile Computing, May 2016 [NS2].
120. Anti-jamming Rendezvous Scheme for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].
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122. SPA: Almost Optimal Accessing of Nonstochastic Channels in Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].
123. An Enhanced Available Bandwidth Estimation Technique for an End-to-End Network Path, IEEE Transactions on Network and Service Management, 2016 [NS2].
124. Forensic analysis of packet losses in wireless networks, IEEE International Conference on Network Protocols (ICNP), 2016 [NS2].
125. Adaptive Relay Chain Routing with Load Balancing and High Energy Efficiency, IEEE Sensors Journal, 2016 [NS2].
126. Community based Node Cooperative in Mobile Ad-Hoc Network, International Journal of Computer Applications, May 2016. [NS2].

- 127.Enhanced Deployment Algorithms for Heterogeneous Directional Mobile Sensors in a Bounded Monitoring Area, IEEE Transactions on Mobile Computing, May 2016 [NS2].
- 128.Route or Carry: Motion-driven Packet Forwarding in Micro Aerial Vehicle Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
- 129.Cost-efficient Sensory Data Transmission in Heterogeneous Software Defined Vehicular Networks IEEE Sensors Journal, 2016 [NS2].
- 130.Deploy-As-You-Go Wireless Relay Placement: An Optimal Sequential Decision Approach using the Multi-Relay Channel Model, IEEE Transactions on Mobile Computing, 2016 [NS2].
- 131.E-HIPA: An Energy-Efficient Framework for High-Precision Multi-Target-Adaptive Device-Free Localization, IEEE Transactions on Mobile Computing, 2016 [NS2].
- 132.An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 133.Mobility Management in Energy Constrained Self-Organizing Delay Tolerant Networks: An Autonomic Scheme Based on Game Theory, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 134.Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 135.Shared Relay Assignment (SRA) for Many-to-One Traffic in Cooperative Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 136.Social-Aware Video Multicast Based on Device-to-Device Communications, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 137.To Relay or Not to Relay: Learning Device-to-Device Relaying Strategies in Cellular Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
- 138.Buffer-aided Relay Selection with Reduced Packet Delay in Cooperative Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
- 139.Using Wireless Link Dynamics to Extract a Secret Key in Vehicular Scenarios, IEEE Transactions on Mobile Computing, 2016 [NS2].
- 140.Robotic Message Ferrying for Wireless Networks using Coarse-Grained Backpressure Control, IEEE Transactions on Mobile Computing, 2016 [NS2].

141. Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
142. Anonymity and Fairness in Packet Scheduling: A Quantitative Tradeoff, IEEE/ACM Transactions on Networking, April 2016 [NS2].
143. Code-Based Neighbor Discovery Protocols in Mobile Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
144. Cooperative Routing With Relay Assignment in Multiradio Multihop Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
145. Exploiting Double Opportunities for Latency-Constrained Content Propagation in Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
146. SimpleMAC: A Simple Wireless MAC-Layer Countermeasure to Intelligent and Insider Jammers, IEEE/ACM Transactions on Networking, April 2016 [NS2].
147. Backpressure Delay Enhancement for Encounter-Based Mobile Networks While Sustaining Throughput Optimality, IEEE/ACM Transactions on Networking, April 2016 [NS2].
148. Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
149. Dynamic Network Control for Confidential Multi-Hop Communications, IEEE/ACM Transactions on Networking, April 2016 [NS2].
150. Achieving Efficient Reliable Flooding in Low-Duty-Cycle Wireless Sensor Networks, IEEE/ACM Transactions on Networking, 2016 [NS2].
151. Self-deployment of Mobile Sensors to Achieve Target Coverage in the presence of Obstacles, IEEE Sensors Journal, 2016 [NS2].
152. SRA- A Sensing Radius Adaptation Mechanism for Maximizing Network Lifetime in WSNs, IEEE Transaction on Vehicular Technology, 2016 [NS2].
153. Dependability of Decentralized Congestion Control for varying VANET density, IEEE Transactions on Vehicular Technology, 2016 [NS2].
154. REPLACE – A Reliable Trust-based Platoon Service Recommendation Scheme in VANET, IEEE Transaction on Vehicular Technology, 2016 [NS2].
155. End-to-End Delay Bound Analysis for Location-based Routing in Hybrid Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].

156. Priority-based Data Gathering Framework in UAV-assisted Wireless Sensor Networks, IEEE Sensors Journal, 2016 [NS2].
157. LORA- Loss Differentiation Rate Adaptation Scheme for Vehicle-to-Vehicle Safety Communications, IEEE Transactions on Vehicular Technology, 2016 [NS2].
158. Uplink energy-efficient load balancing over multipath wireless networks, IEEE Wireless Communications Letters, 2016 [NS2].
159. A Privacy-Preserving and Secure Framework for Opportunistic Routing in DTNs, IEEE Transactions on Vehicular Technology, 2016 [NS2].
160. NACRP: A Connectivity Protocol for Star Topology Wireless Sensor Networks, IEEE Wireless Communications Letters, April 2016 [NS2].
161. A Mechanism for Mobile Data Offloading to Wireless Mesh Networks, IEEE Transactions on Wireless Communications, 2016 [NS2].
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163. Hybrid wireless sensor networks: a reliability, cost and energy-aware approach, IET Wireless Sensor Systems, April 2016 [NS2].
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165. A Pseudonym Management System to Achieve Anonymity in Vehicular Ad Hoc Networks, IEEE Transactions on Mobile Computing, February 2016 [NS2].
166. Routing Protocol for Heterogeneous Wireless Mesh Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
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168. Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach, IEEE Transactions on Mobile Computing, July 2016 [NS2].
169. Distributed and Fair Beaconing Rate Adaptation for Congestion Control in Vehicular Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
170. Multihop Beaconing Forwarding Strategies in Congested IEEE 802.11p Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].

171. DIVERT- A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance, IEEE Transactions on Mobile Computing, 2016 [NS2].
172. On Improving TCP Performance Over Mobile Data Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
173. On the Design of a Reward-Based Incentive Mechanism for Delay Tolerant Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
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175. Streaming High-Quality Mobile Video with Multipath TCP in Heterogeneous Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
176. TCP-Aware Backpressure Routing and Scheduling, IEEE Transactions on Mobile Computing, July 2016 [NS2].
177. TCP Download Performance in Dense WiFi Scenarios: Analysis and Solution, IEEE Transactions on Mobile Computing, 2016 [NS2].
178. Virtual Multipath Attack and Defense for Location Distinction in Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
179. MixGroup: Accumulative Pseudonym Exchanging for Location Privacy Enhancement in Vehicular Social Networks, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
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181. Secure and Robust Multi-Constrained QoS Aware Routing Algorithm for VANETs, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
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187. Clustering in Wireless Sensor Networks using IDEC-LEACH-C Hybrid Energy Efficient Protocol, International Journal of Computer Applications, May 2016. [NS2].
188. Effect of Nodes Mobility using different Trajectories, International Journal of Computer Applications, May 2016. [NS2].
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191. Comparative Study of Attacks with Clustering based and Routing Protocols in MANETs, International Journal of Computer Applications, May 2016. [NS2].
192. Implementation of Intrusion Detection System and Traffic Analysis – A Case of a Linux Platform, International Journal of Computer Applications, May 2016. [NS2].
193. Optimization of Resources with Fine-Tuning of Transmission Parameters in VANETs, International Journal of Computer Applications, May 2016. [NS2].
194. Performance comparison of ZRP Bordercasting using Multiple Unicasting vs Broadcasting, International Journal of Computer Applications, May 2016 [NS2].
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202. On Trajectory-Based I2V Group Message Delivery over Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
203. Sinkhole Attack Detection Scheme using Neighbors' Information for LEAP based Wireless Sensor Networks, International Journal of Computer Applications, May 2016 [NS2].
204. Secured File Sharing using Trust Mechanism in Wireless Sensor Network, International Journal of Computer Applications, May 2016 [NS2].
205. One Hop-OLSR – An Efficient Technique over OLSR Routing to Maximize Energy, International Journal of Computer Applications, May 2016 [NS2].
206. Optimization of Video Streaming through Bufferbloat Mitigation using Hybrid FQ-CoDel Algorithm, International Journal of Computer Applications, May 2016 [NS2].
207. Performance Enhancement with Multipath Routing in Term of Bandwidth and Security on MANETs, International Journal of Computer Applications, April 2016 [NS2].
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209. An Adaptive Multipath Geographic Routing for Video Transmission in Urban VANETs, IEEE Transactions on Intelligent Transportation Systems, 2016 [NS2].
210. Motion-MiX DHT for Wireless Mobile Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
211. How Much Cache is Needed to Achieve Linear Capacity Scaling in Backhaul-Limited Dense Wireless Networks?, IEEE/ACM Transactions on Networking, 2016 [NS2].
212. An Architecture of Cloud-Assisted Information Dissemination in Vehicular Networks, IEEE Access, 2016 [NS2].
213. PBA: Prediction-based Authentication for Vehicle-to-Vehicle Communications, IEEE Transaction on Dependable and Secure Computing, 2016 [NS2]

214. Top-k Query Processing and Malicious Node Identification Based on Node Grouping in MANETs, IEEE Access, 2016 [NS2].
215. Never Live Without Neighbors- From Single- to Multi-Channel Neighbor Discovery for Mobile Sensing Applications, IEEE/ACM Transactions on Networking, 2016 [NS2].
216. Evaluating the Trustworthiness of nodes in AODV by Assigning Reliable Testimonials using NS-2, International Journal of Modern Communication Technologies & Research (IJMCTR), October 2015 [NS2].
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223. Cooperative Load Balancing and Dynamic Channel Allocation for Cluster-Based Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, 2015 [NS2]
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225. Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks, IEEE Transaction on Mobile Computing, 2015 [NS2]
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