

List of Projects in NS2

S-Logix

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1. Opportunistic AODV routing protocol for cognitive radio wireless sensor networks, IEEE International Conference on Communication and Signal Processing (ICCSP), 2016 [NS2].
2. Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs, IEEE Transactions on Mobile Computing, 2016 [NS2].
3. Optimal Time Bound Ad-Hoc On-demand Distance Vector Routing Protocol (OpTiB-AODV), International Journal of Computer Applications, April 2016 [NS2].
4. Private and Verifiable Interdomain Routing Decisions, IEEE/ACM Transactions on Networking, April 2016 [NS2].
5. Video Streaming over Ad-hoc Networks a QoE-based Optimal Routing Solution, IEEE Transaction on Vehicular Technology, 2016 [NS2].
6. A Trust Management System for Securing Data Plane of Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
7. Practical Asynchronous Neighbor Discovery in Ad Hoc Networks With Directional Antennas, IEEE Transaction on Vehicular Security, 2016 [NS2].
8. Optimal Capacity-Delay Tradeoff in MANETs with Correlation of Node Mobility, IEEE Transactions on Vehicular Technology, 2016 [NS2].
9. eDSA- Energy-Efficient Dynamic Spectrum Access Protocols for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
10. Analytical Evaluation of Saturation Throughput of a Cognitive WLAN Overlaid on a Time-Scheduled OFDMA Network, IEEE Transactions on Mobile Computing, May 2016 [NS2].
11. Anti-jamming Rendezvous Scheme for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].

12. Two-Sided Matching Based Cooperative Spectrum Sharing, IEEE Transactions on Mobile Computing, April 2016 [NS2].
13. SPA: Almost Optimal Accessing of Nonstochastic Channels in Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].
14. An Enhanced Available Bandwidth Estimation Technique for an End-to-End Network Path, IEEE Transactions on Network and Service Management, 2016 [NS2].
15. Forensic analysis of packet losses in wireless networks, IEEE International Conference on Network Protocols (ICNP), 2016 [NS2].
16. Adaptive Relay Chain Routing with Load Balancing and High Energy Efficiency, IEEE Sensors Journal, 2016 [NS2].
17. Community based Node Cooperative in Mobile Ad-Hoc Network, International Journal of Computer Applications, May 2016. [NS2].
18. Enhanced Deployment Algorithms for Heterogeneous Directional Mobile Sensors in a Bounded Monitoring Area, IEEE Transactions on Mobile Computing, May 2016 [NS2].
19. Route or Carry: Motion-driven Packet Forwarding in Micro Aerial Vehicle Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
20. Cost-efficient Sensory Data Transmission in Heterogeneous Software Defined Vehicular Networks IEEE Sensors Journal, 2016 [NS2].
21. 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].
22. E-HIPA: An Energy-Efficient Framework for High-Precision Multi-Target-Adaptive Device-Free Localization, IEEE Transactions on Mobile Computing, 2016 [NS2].
23. An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC, IEEE Transactions on Mobile Computing, June 2016 [NS2].
24. 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].
25. Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles, IEEE Transactions on Mobile Computing, June 2016 [NS2].

26. Shared Relay Assignment (SRA) for Many-to-One Traffic in Cooperative Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
27. Social-Aware Video Multicast Based on Device-to-Device Communications, IEEE Transactions on Mobile Computing, June 2016 [NS2].
28. To Relay or Not to Relay: Learning Device-to-Device Relaying Strategies in Cellular Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
29. Buffer-aided Relay Selection with Reduced Packet Delay in Cooperative Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
30. Using Wireless Link Dynamics to Extract a Secret Key in Vehicular Scenarios, IEEE Transactions on Mobile Computing, 2016 [NS2].
31. Robotic Message Ferrying for Wireless Networks using Coarse-Grained Backpressure Control, IEEE Transactions on Mobile Computing, 2016 [NS2].
32. Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
33. Anonymity and Fairness in Packet Scheduling: A Quantitative Tradeoff, IEEE/ACM Transactions on Networking, April 2016 [NS2].
34. Code-Based Neighbor Discovery Protocols in Mobile Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
35. Cooperative Routing With Relay Assignment in Multiradio Multihop Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
36. Exploiting Double Opportunities for Latency-Constrained Content Propagation in Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
37. SimpleMAC: A Simple Wireless MAC-Layer Countermeasure to Intelligent and Insider Jammers, IEEE/ACM Transactions on Networking, April 2016 [NS2].
38. Backpressure Delay Enhancement for Encounter-Based Mobile Networks While Sustaining Throughput Optimality, IEEE/ACM Transactions on Networking, April 2016 [NS2].
39. Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
40. Dynamic Network Control for Confidential Multi-Hop Communications, IEEE/ACM Transactions on Networking, April 2016 [NS2].

41. Achieving Efficient Reliable Flooding in Low-Duty-Cycle Wireless Sensor Networks, IEEE/ACM Transactions on Networking, 2016 [NS2].
42. Self-deployment of Mobile Sensors to Achieve Target Coverage in the presence of Obstacles, IEEE Sensors Journal, 2016 [NS2].
43. SRA- A Sensing Radius Adaptation Mechanism for Maximizing Network Lifetime in WSNs, IEEE Transaction on Vehicular Technology, 2016 [NS2].
44. Dependability of Decentralized Congestion Control for varying VANET density, IEEE Transactions on Vehicular Technology, 2016 [NS2].
45. REPLACE – A Reliable Trust-based Platoon Service Recommendation Scheme in VANET, IEEE Transaction on Vehicular Technology, 2016 [NS2].
46. End-to-End Delay Bound Analysis for Location-based Routing in Hybrid Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
47. Priority-based Data Gathering Framework in UAV-assisted Wireless Sensor Networks, IEEE Sensors Journal, 2016 [NS2].
48. LORA- Loss Differentiation Rate Adaptation Scheme for Vehicle-to-Vehicle Safety Communications, IEEE Transactions on Vehicular Technology, 2016 [NS2].
49. Efficient Certificateless Access Control for Wireless Body Area Networks, IEEE Sensors Journal, July 2016 [NS2/Java].
50. Uplink energy-efficient load balancing over multipath wireless networks, IEEE Wireless Communications Letters, 2016 [NS2].
51. A Privacy-Preserving and Secure Framework for Opportunistic Routing in DTNs, IEEE Transactions on Vehicular Technology, 2016 [NS2].
52. NACRP: A Connectivity Protocol for Star Topology Wireless Sensor Networks, IEEE Wireless Communications Letters, April 2016 [NS2].
53. A Mechanism for Mobile Data Offloading to Wireless Mesh Networks, IEEE Transactions on Wireless Communications, 2016 [NS2].
54. Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks, IEEE Transactions on Wireless Communications, May 2016 [NS2].
55. Hybrid wireless sensor networks: a reliability, cost and energy-aware approach, IET Wireless Sensor Systems, April 2016 [NS2].

56. Location aware sensor routing protocol for mobile wireless sensor networks, IET Wireless Sensor Systems, April 2016 [NS2].
57. A Pseudonym Management System to Achieve Anonymity in Vehicular Ad Hoc Networks, IEEE Transactions on Mobile Computing, February 2016 [NS2].
58. Routing Protocol for Heterogeneous Wireless Mesh Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
59. A Street-Centric Opportunistic Routing Protocol Based on Link Correlation for Urban VANETs, IEEE Transactions on Mobile Computing, July 2016 [NS2].
60. Bayesian Mechanisms and Detection Methods for Wireless Network with Malicious Users, IEEE Transactions on Mobile Computing, 2016 [NS2].
61. Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach, IEEE Transactions on Mobile Computing, July 2016 [NS2].
62. Distributed and Fair Beaconing Rate Adaptation for Congestion Control in Vehicular Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
63. Multihop Beaconing Forwarding Strategies in Congested IEEE 802.11p Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
64. DIVERT- A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance, IEEE Transactions on Mobile Computing, 2016 [NS2].
65. On Improving TCP Performance Over Mobile Data Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
66. On the Design of a Reward-Based Incentive Mechanism for Delay Tolerant Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
67. On the vulnerabilities of Voronoi-based approaches to mobile sensor deployment, IEEE Transactions on Mobile Computing, 2016 [NS2].
68. Streaming High-Quality Mobile Video with Multipath TCP in Heterogeneous Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
69. TCP-Aware Backpressure Routing and Scheduling, IEEE Transactions on Mobile Computing, July 2016 [NS2].
70. TCP Download Performance in Dense WiFi Scenarios: Analysis and Solution, IEEE Transactions on Mobile Computing, 2016 [NS2].

71. Virtual Multipath Attack and Defense for Location Distinction in Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
72. MixGroup: Accumulative Pseudonym Exchanging for Location Privacy Enhancement in Vehicular Social Networks, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
73. PROVEST- Provenance-based Trust Model for Delay Tolerant Networks, IEEE Transactions on Dependable and Secure Computing, 2016 [NS2].
74. Secure and Robust Multi-Constrained QoS Aware Routing Algorithm for VANETs, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
75. V2V QoS Guaranteed Channel Access in IEEE 802.11p VANETs, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
76. ActiveTrust: Secure and Trustable Routing in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, 2016 [NS2].
77. Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks With Obstacles, IEEE Access, 2016 [NS2].
78. Energy Efficiency Optimization for Mobile Ad Hoc Networks, IEEE Access, 2016 [NS2].
79. Secure and Efficient data communication protocol for Wireless Body Area Networks, IEEE Transactions on Multi-Scale Computing Systems, 2016 [NS2].
80. Clustering in Wireless Sensor Networks using IDEC-LEACH-C Hybrid Energy Efficient Protocol, International Journal of Computer Applications, May 2016. [NS2].
81. Effect of Nodes Mobility using different Trajectories, International Journal of Computer Applications, May 2016. [NS2].
82. Congestion Avoidance Routing in Wireless Sensor Networks, International Journal of Computer Applications, May 2016. [NS2].
83. Improving Control over Inter ISP Traffic Volume and Enhancing Peer Selection Methodology, International Journal of Computer Applications, May 2016. [NS2].
84. Comparative Study of Attacks with Clustering based and Routing Protocols in MANETs, International Journal of Computer Applications, May 2016. [NS2].
85. Implementation of Intrusion Detection System and Traffic Analysis – A Case of a Linux Platform, International Journal of Computer Applications, May 2016. [NS2].

86. Optimization of Resources with Fine-Tuning of Transmission Parameters in VANETs, International Journal of Computer Applications, May 2016. [NS2].
87. Performance comparison of ZRP Bordercasting using Multiple Unicasting vs Broadcasting, International Journal of Computer Applications, May 2016 [NS2].
88. Invalidation Method for Wireless Mobile Network to Maintain Consistency, International Journal of Computer Applications, May 2016 [NS2].
89. Performance Analysis of Ad-hoc Network Considering Energy and Packet Delivery Ratio with Speed – A Fuzzy Approach, International Journal of Computer Applications, May 2016 [NS2].
90. An Enhanced Approach of Detection and Prevention of Black Hole Attack on AODV over MANET, International Journal of Computer Applications, May 2016 [NS2].
91. Performance Evaluation of Re-Routing based Hybrid ACO-PSO based Routing Algorithm for MANETS, International Journal of Computer Applications, May 2016 [NS2].
92. A Robust Security Algorithm for VANETs, International Journal of Computer Applications, May 2016 [NS2].
93. Host Based Intrusion Detection for VANETs- A Statistical Approach to Rogue Node Detection, IEEE Transaction on Vehicular Technology, 2016 [NS2].
94. Geographic Routing in Multilevel Scenarios of Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
95. On Trajectory-Based I2V Group Message Delivery over Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
96. Sinkhole Attack Detection Scheme using Neighbors' Information for LEAP based Wireless Sensor Networks, International Journal of Computer Applications, May 2016 [NS2].
97. Secured File Sharing using Trust Mechanism in Wireless Sensor Network, International Journal of Computer Applications, May 2016 [NS2].
98. One Hop-OLSR – An Efficient Technique over OLSR Routing to Maximize Energy, International Journal of Computer Applications, May 2016 [NS2].

99. Optimization of Video Streaming through Bufferbloat Mitigation using Hybrid FQ-CoDel Algorithm, International Journal of Computer Applications, May 2016 [NS2].
100. Performance Enhancement with Multipath Routing in Term of Bandwidth and Security on MANETs, International Journal of Computer Applications, April 2016 [NS2].
101. Session Clocking Attack Detection and Defense Strategy on TCP Session in Network, International Journal of Computer Applications, April 2016 [NS2].
102. An Adaptive Multipath Geographic Routing for Video Transmission in Urban VANETs, IEEE Transactions on Intelligent Transportation Systems, 2016 [NS2].
103. Motion-MiX DHT for Wireless Mobile Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
104. How Much Cache is Needed to Achieve Linear Capacity Scaling in Backhaul-Limited Dense Wireless Networks?, IEEE/ACM Transactions on Networking, 2016 [NS2].
105. An Architecture of Cloud-Assisted Information Dissemination in Vehicular Networks, IEEE Access, 2016 [NS2].
106. PBA: Prediction-based Authentication for Vehicle-to-Vehicle Communications, IEEE Transaction on Dependable and Secure Computing, 2016 [NS2]
107. Top-k Query Processing and Malicious Node Identification Based on Node Grouping in MANETs, IEEE Access, 2016 [NS2].
108. Never Live Without Neighbors- From Single- to Multi-Channel Neighbor Discovery for Mobile Sensing Applications, IEEE/ACM Transactions on Networking, 2016 [NS2].
109. 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].
110. Collision Optimized Broadcast Scheduling in Wireless Sensor Network. International Journal of Computer Applications, June 2015 [NS2]
111. Location based Energy Efficient Scheme for Maximizing Routing Capability of AODV Protocol in MANET, Wireless and Microwave Technologies, 2015 [NS2].
112. Dragonfly Algorithm based Clustering in Wireless Sensor Network 2015. [NS2]

113. Dynamic Key based Authentication Scheme for Vehicular Cloud Computing, 2015 [NS2].
114. Defending Against Collaborative Attacks by Malicious Nodes in MANETs: A Cooperative Bait Detection Approach, IEEE Systems Journal, 2015 [NS2].
115. Detection of Malicious Node Behaviour Via I-Watchdog Protocol in Mobile Ad hoc Network With DSDV Routing Scheme, International Conference on Advances in Computing, Communication and Control, 2015 [NS2].
116. Cooperative Load Balancing and Dynamic Channel Allocation for Cluster-Based Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, 2015 [NS2]
117. Impact of Location Popularity on Throughput and Delay in Mobile Ad Hoc Networks, IEEE Transaction on Mobile Computing, 2015 [NS2]
118. Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks, IEEE Transaction on Mobile Computing, 2015 [NS2]
119. Cooperative Black Hole Detection Mechanism in Mobile Ad Hoc Network, International Journal of Computer Applications, June 2015
120. Effect Analysis of Black Hole Attack of AODV Protocol in MANET using Table Driven Approach, International Journal of Computer Applications, June 2015
121. Performance Evaluation of QOS Parameters of Hybrid ACO/PSO for Mobile ADHOC Networks, International Journal of Computer Applications, June 2015
122. A Energy Efficient Approach to DSR based Routing Protocol for Ad Hoc Network, International Journal of Computer Applications, May 2015
123. Comparison between Minimum Power Consumption and Minimum Battery Cost Routing for Energy Management in Wireless Ad Hoc Network, International Journal of Computer Applications, May 2015
124. Comparative Analysis of Various Routing Protocol in MANET, International Journal of Computer Applications, May 2015
125. Node Mobility Impact on Zone Routing Protocol, International Journal of Computer Applications, May 2015
126. Investigation and Optimization of Hello Message Interval for Scalable Ad-Hoc Network, International Journal of Computer Applications, May 2015

127. A Congestion Control Algorithm for Mobility Model in Mobile Ad-hoc Networks, International Journal of Computer Applications, May 2015
128. MAC-Layer Selfish Misbehavior in IEEE 802.11 Ad Hoc Networks: Detection and Defense, IEEE Transactions on Mobile Computing, 2015 [NS2]
129. CoCoWa: A Collaborative Contact-Based Watchdog for Detecting Selfish Nodes, IEEE Transaction on Mobile Computing, 2015 [NS2]
130. A Novel Token based DME Algorithm in MANET, International Journal of Computer Applications, June 2015
131. A Reputation-based Incentive Framework for Mobile Ad Hoc Networks, International Journal of Computer Applications, June 2015
132. Prevention of Multiple Coordinated Jellyfish Attacks in Mobile Ad Hoc Networks, International Journal of Computer Applications, June 2015
133. Investigating the Impact of Black Hole Attack on AODV Routing Protocol in MANETS under Responsive and Non-Responsive Traffic, International Journal of Computer Applications, June 2015
134. Performance Evaluation of Position-Based Routing Protocols using Different Mobility Models in MANET, International Journal of Computer Applications, June 2015
135. Detection of Black Hole Attack using Control Packets in AODV Protocol for MANET, International Journal of Computer Applications, May 2015
136. Detection and Prevention Mechanism for TTL Field Tampering Form of DDoS Attack in MANET's, International Journal of Computer Applications, May 2015
137. Cluster Head Election Approach based on Weighted Clustering Algorithm for MANET, International Journal of Computer Applications, May 2015
138. Enhancing Privacy Preservation using S-ALERT Protocol to Diminish Routing Attacks in MANETs, International Journal of Computer Applications, May 2015
139. Performance Analysis of AODV, CBRP, AOMDV, DSR MANET Routing Protocol using NS2 Simulation, International Journal of Computer Applications, April 2015
140. A New Enhanced Energy Efficient Position based Routing Protocol for Mobile Adhoc Network, International Journal of Computer Applications, April 2015

141. Clustering in Vehicular Ad Hoc Network for Efficient Communication, International Journal of Computer Applications, April 2015
142. Performance Investigation of Signal Strength based Gossip AODV, International Journal of Computer Applications, April 2015
143. Highbrow TCP as an Enhanced TCP New Reno for MANETs – A Simulation Approach, International Journal of Computer Applications, April 2015
144. Enhance the Efficiency Routing between Mobile Nodes in MANET Networks, International Journal of Computer Applications, March 2015
145. Traffic Pattern based Performance Comparison of Two Proactive MANET Routing Protocols using Manhattan Grid Mobility Model, International Journal of Computer Applications, March 2015
146. An Approach to Detect Wormhole Attack in AODV based MANET, International Journal of Computer Applications, March 2015
147. Enhanced Threshold Sensitive Stable Election Protocol For Heterogeneous Wireless Sensor Network, Wireless Personal Communication, Springer Science and Business Media, July 2015 [NS2].
148. A Secure Data Aggregation Scheme Based on Appropriate Cryptographic Primitives in Heterogeneous Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, August 2015 [NS2]
149. REAL: A Reciprocal Protocol for Location Privacy in Wireless Sensor Networks, IEEE Transactions on Dependable and Secure Computing, July- August 2015 [NS2]
150. HORA: A Distributed Coverage Hole Repair Algorithm for Wireless Sensor Networks, IEEE Transactions on Mobile Computing, July 2015 [NS2]
151. A Historical-Beacon-Aided Localization Algorithm for Mobile Sensor Networks, IEEE Transactions on Mobile Computing, June 2015 [NS2]
152. An Efficient Distributed Trust Model for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2015 [NS2]
153. A Lightweight Secure Scheme for Detecting Provenance Forgery and Packet Drop Attacks in Wireless Sensor Networks, IEEE Transactions on Dependable and Secure Computing, May-June 2015 [NS2]

154. Energy-Efficiency based Clustering and Data Aggregation for Wireless Sensor Networks. International Journal of Computer Applications, June 2015 [NS2]
155. An Improvement of Network Life Time using DLQAR Protocol in Wireless Sensor Network. International Journal of Computer Applications, June 2015 [NS2]
156. Clustering and General Self-Organized Tree-based Energy-Balance Routing Protocol for Wireless Sensor Network (CGSTEB). International Journal of Computer Applications, May 2015 [NS2]
157. Secure based Clustering Algorithm for Wireless Sensor Networks. International Journal of Computer Applications, May 2015 [NS2]
158. Group Key Management Technique based on Logic- Key Tree in the Field of Wireless Sensor Network. International Journal of Computer Applications, May 2015 [NS2]
159. Clustering based Data Collection using Data Fusion in Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
160. An Optimized Cooperative Transmission based on V-BLAST Technique and GA clustering for Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
161. A Novel Approach to Detect and Prevent Wormhole Attack in Wireless Sensor Network. International Journal of Computer Applications, April 2015 [NS2]
162. Comparative Analysis of Various Energy Efficient Protocols for Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
163. An Energy Preserving Detection Mechanism for Blackhole Attack in Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
164. An Energy Efficient Critical Event Monitoring Routing Method for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
165. Improving the Life of the Wireless Sensor Network using Energy Harvesting Clustering. International Journal of Computer Applications, March 2015 [NS2]
166. Reliable Adaptive Replication Routing for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
167. Cost-Aware SEcure Routing (CASER) Protocol Design for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, April 2015 [NS2]

168. Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, April 2015 [NS2]
169. Secure and Distributed Data Discovery and Dissemination in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, April 2015 [NS2]
170. Segment-Based Anomaly Detection with Approximated Sample Covariance Matrix in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, February 2015 [NS2]
171. Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks, January-February 2015 [NS2]
172. Energy and Density Aware Clustering (EDAC) to Improve Lifetime and Connectivity in Multi Level Heterogeneous Wireless Sensor Network. International Journal of Computer Applications , June 2015 [NS2]
173. Clustering and Energy Efficient Routing Protocol for Wireless Sensor Network using Genetic Algorithm. International Journal of Computer Applications, June 2015 [NS2]
174. A Static Code and Dynamic Data Attestation based Intrusion Detection System for Wireless Sensor Networks. International Journal of Computer Applications, June 2015 [NS2]
175. Geographic and Opportunistic Routing for Underwater Sensor Networks, IEEE Transaction on Computers, April 2015 [NS2]
176. Toward Offering More Useful Data Reliably to Mobile Cloud From Wireless Sensor Network, IEEE Transactions on Emerging Topics in Computing, March 2015 [NS2]
177. Distributed Database Management Techniques for Wireless Sensor Networks IEEE Transactions on Parallel and Distributed Systems, February 2015 [NS2/JAVA]
178. Dynamic Routing for Data Integrity and Delay Differentiated Services in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, February 2015 [NS2]
179. Effect of using Mobile Sink on Chain-based Routing Protocols in Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
180. Improving Energy Estimation based Clustering with Energy Threshold for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]

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182. Energy Efficient Clustering Routing Protocol based on LEACH for WSN. International Journal of Computer Applications, June 2015 [NS2]
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185. Energy Conservation Protocol using Sleep Scheduling in WSN. International Journal of Computer Applications, March 2015 [NS2]
186. Controlling Queue Delay (CoDel) to counter the Bufferbloat Problem in Internet, International Journal of Current Engineering and Technology, June 2014 [NS2].
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189. Trust Based Certificate Revocation of Malicious Nodes in MANET, IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), 2014 [NS2].
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193. Analysis of Random Walk Mobility Models with Location Heterogeneity, IEEE Transaction on Parallel and Distributed System, 2015 [NS2]
194. Achieving Congestion Diversity in Multi-Hop Wireless Mesh Networks, IEEE Transaction on Mobile Computing, March 2015.

- 195.A P2P-Based Market-Guided Distributed Routing Mechanism for High-Throughput Hybrid Wireless Networks, Mobile Computing, IEEE Transactions on, February 2015. [NS2]
- 196.A Distortion-Resistant Routing Framework for Video Traffic in Wireless Multihop Networks, Networking, IEEE/ACM Transaction on, April 2015. [NS2]
- 197.Backoff Design for IEEE 802.11 DCF Networks: Fundamental Trade off and Design Criterion, Networking, IEEE/ACM Transaction on, February 2015. [NS2]
- 198.PDR And HOP Count based Routing for Efficient Energy Usage, International Journal of Computer Applications, June 2015 [NS2]
- 199.Energy-efficient Cluster-based Mechanism for WBAN Communications for Healthcare Applications,International Journal of Computer Applications, June 2015 [NS2]
- 200.Performance Evaluation of DSR and GRP under Black Hole Attack,International Journal of Computer Applications , June 2015 [NS2]
- 201.Enhancing Security in DSR Protocol with Energy and Buffer Control Mechanism,International Journal of Computer Applications, June 2015 [NS2]
- 202.Characteristic Analysis of Mobility using Heterogeneous Network,International Journal of Computer Applications, June 2015 [NS2]
- 203.Automated Reconfiguration Enabled Mesh Network based on Fuzzy Logic for Performance Improvement, International Journal of Computer Applications, June 2015 [NS2]
- 204.Hybrid Scheduling for Heterogeneous Asymmetric Mobile Communication,International Journal of Computer Applications, June 2015 [NS2]
- 205.Cooperation without Synchronization: Practical Cooperative Relaying for Wireless Networks, Networking, IEEE/ACM Transaction on, May 2015. [NS2]
- 206.DTN-Meteo: Forecasting the Performance of DTN Protocols Under Heterogeneous Mobility, IEEE/ACM Transactions on Networking, April 2015 [NS2]
- 207.Distributed Information-Based Cooperative Strategy Adaptation in Opportunistic Mobile Networks, IEEE Transactions on Parallel and Distributed Systems, March 2015. [NS2]

208. Real Time Traffic Splitting and Efficient Flooding Mechanism in LSRP, International Journal of Computer Applications, May 2015 [NS2]
209. HOP-by-HOP Packet Forwarding Mechanism in Wireless Mesh Network, International Journal of Computer Applications, May 2015 [NS2]
210. Performance Comparison of different Congestion Control Protocols in Hybrid Network, International Journal of Computer Applications, May 2015 [NS2]
211. Efficient Routing in Zigbee Wireless Network using Shortcut Tree Routing, International Journal of Computer Applications, May 2015 [NS2]
212. Performance Evaluation and Comparison of PDTMRP and MAODV, International Journal of Computer Applications, May 2015 [NS2]
213. Impact of Hello Interval on Performance of AODV Protocol, International Journal of Computer Applications, April 2015 [NS2]
214. An Optimizing Technique based on Genetic Algorithm for Power Management in Heterogeneous Multi-Tier Web Clusters, International Journal of Computer Applications, April 2015 [NS2]
215. Hybrid Protocol for Handling Security using SBPGP, International Journal of Computer Applications, April 2015 [NS2]
216. Efficient Multicast Delivery for Data Redundancy Minimization over Wireless Data Centers, IEEE Transactions on Emerging Topics in Computing, March 2015. [NS2]
217. Efficient and Truthful Bandwidth Allocation in Wireless Mesh Community Networks, IEEE/ACM Transactions on Networking, 2015. [NS2]
218. Enhancing Availability in Content Delivery Networks for Mobile Platforms, IEEE Transaction on Parallel and Distributed System, Aug. 2015. [NS2]
219. High-Throughput Reliable Multicast in Multi-Hop Wireless Mesh Networks, IEEE Transaction on Mobile Computing, April 2015. [NS2]
220. Mitigating Denial of Service Attacks in OLSR Protocol Using Fictitious Nodes, IEEE Transactions on Mobile Computing, 2015 [NS2]
221. Neighbor Discovery in Wireless Networks with Multi-packet Reception, IEEE Transaction on Parallel and Distributed Systems, July 2015 [NS2]
222. Routing Pressure: A Channel-Related and Traffic-Aware Metric of Routing Algorithm, IEEE Transaction of Parallel and Distributed Systems, March 2015 [NS2]

- 223.The Mason Test: A Defense Against Sybil Attacks in Wireless Networks Without Trusted Authorities, IEEE Transaction on Mobile Computing, 2015 [NS2]
- 224.An Efficient Auction-based Mechanism for Mobile Data Offloading, IEEE Transactions on Mobile Computing, August 2015 [NS2]
- 225.Comparative Analysis of E-AOMDV and MC-AOMDV using Multi-criteria Multipath Routing,International Journal of Computer Applications , March 2015 [NS2]
- 226.Message Matching-based Artificial Bee Colony based Behaviour Detection in Delay Tolerant Networks,International Journal of Computer Applications, March 2015 [NS2]
- 227.New Protocol of Aggressive Packet Combining Scheme: An Extension to Throughput Comparison,International Journal of Computer Applications, March 2015 [NS2]
- 228.Performance Comparison of AODV and DSR Routing Protocols using Real Time Test-bed. International Journal of Computer Applications ,February 2015 [NS2]
- 229.Game Theory based Incentive Mechanisms in Delay Tolerant Network,International Journal of Computer Applications, April 2015 [NS2]
- 230.Concurrent Bandwidth Reservation Strategies for Big Data Transfers in High-Performance Networks, IEEE Transactions on Network and Service Management, June 2015.
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- 232.Technique to Improve the File Transfer Outcomes Between Road Side Unit and Vehicles in Vehicular Ad-Hoc Networks, International Conference on Computing, Communication and Automation, May 2015 [NS2].
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