

# List of Projects in NS2

## S-Logix

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1. Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs, IEEE Transactions on Mobile Computing, 2016 [NS2].
2. Optimal Time Bound Ad-Hoc On-demand Distance Vector Routing Protocol (OpTiB-AODV), International Journal of Computer Applications, April 2016 [NS2].
3. An Enhanced Available Bandwidth Estimation Technique for an End-to-End Network Path, IEEE Transactions on Network and Service Management, 2016 [NS2].
4. Forensic analysis of packet losses in wireless networks, IEEE International Conference on Network Protocols (ICNP),2016 [NS2].
5. Adaptive Relay Chain Routing with Load Balancing and High Energy Efficiency, IEEE Sensors Journal, 2016 [NS2].
6. Community based Node Cooperative in Mobile Ad-Hoc Network, International Journal of Computer Applications, May 2016. [NS2].
7. Enhanced Deployment Algorithms for Heterogeneous Directional Mobile Sensors in a Bounded Monitoring Area, IEEE Transactions on Mobile Computing, May 2016 [NS2].
8. Route or Carry: Motion-driven Packet Forwarding in Micro Aerial Vehicle Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
9. Cost-efficient Sensory Data Transmission in Heterogeneous Software Defined Vehicular Networks IEEE Sensors Journal, 2016 [NS2].
10. 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].
11. E-HIPA: An Energy-Efficient Framework for High-Precision Multi-Target-Adaptive Device-Free Localization, IEEE Transactions on Mobile Computing, 2016 [NS2].

12. An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC, IEEE Transactions on Mobile Computing, June 2016 [NS2].
13. 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].
14. Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles, IEEE Transactions on Mobile Computing, June 2016 [NS2].
15. Shared Relay Assignment (SRA) for Many-to-One Traffic in Cooperative Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
16. Social-Aware Video Multicast Based on Device-to-Device Communications, IEEE Transactions on Mobile Computing, June 2016 [NS2].
17. To Relay or Not to Relay: Learning Device-to-Device Relaying Strategies in Cellular Networks, IEEE Transactions on Mobile Computing, June 2016 [NS2].
18. Buffer-aided Relay Selection with Reduced Packet Delay in Cooperative Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
19. Using Wireless Link Dynamics to Extract a Secret Key in Vehicular Scenarios, IEEE Transactions on Mobile Computing, 2016 [NS2].
20. Robotic Message Ferrying for Wireless Networks using Coarse-Grained Backpressure Control, IEEE Transactions on Mobile Computing, 2016 [NS2].
21. Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
22. Anonymity and Fairness in Packet Scheduling: A Quantitative Tradeoff, IEEE/ACM Transactions on Networking, April 2016 [NS2].
23. Code-Based Neighbor Discovery Protocols in Mobile Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
24. Cooperative Routing With Relay Assignment in Multiradio Multihop Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
25. Exploiting Double Opportunities for Latency-Constrained Content Propagation in Wireless Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
26. SimpleMAC: A Simple Wireless MAC-Layer Countermeasure to Intelligent and Insider Jammers, IEEE/ACM Transactions on Networking, April 2016 [NS2].

27. Backpressure Delay Enhancement for Encounter-Based Mobile Networks While Sustaining Throughput Optimality, IEEE/ACM Transactions on Networking, April 2016 [NS2].
28. Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
29. Dynamic Network Control for Confidential Multi-Hop Communications, IEEE/ACM Transactions on Networking, April 2016 [NS2].
30. Achieving Efficient Reliable Flooding in Low-Duty-Cycle Wireless Sensor Networks, IEEE/ACM Transactions on Networking, 2016 [NS2].
31. Self-deployment of Mobile Sensors to Achieve Target Coverage in the presence of Obstacles, IEEE Sensors Journal, 2016 [NS2].
32. SRA- A Sensing Radius Adaptation Mechanism for Maximizing Network Lifetime in WSNs, IEEE Transaction on Vehicular Technology, 2016 [NS2].
33. Dependability of Decentralized Congestion Control for varying VANET density, IEEE Transactions on Vehicular Technology, 2016 [NS2].
34. REPLACE – A Reliable Trust-based Platoon Service Recommendation Scheme in VANET, IEEE Transaction on Vehicular Technology, 2016 [NS2].
35. End-to-End Delay Bound Analysis for Location-based Routing in Hybrid Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
36. Priority-based Data Gathering Framework in UAV-assisted Wireless Sensor Networks, IEEE Sensors Journal, 2016 [NS2].
37. LORA- Loss Differentiation Rate Adaptation Scheme for Vehicle-to-Vehicle Safety Communications, IEEE Transactions on Vehicular Technology, 2016 [NS2].
38. Efficient Certificateless Access Control for Wireless Body Area Networks, IEEE Sensors Journal, July 2016 [NS2/Java].
39. Uplink energy-efficient load balancing over multipath wireless networks, IEEE Wireless Communications Letters, 2016 [NS2].
40. A Privacy-Preserving and Secure Framework for Opportunistic Routing in DTNs, IEEE Transactions on Vehicular Technology, 2016 [NS2].
41. NACRP: A Connectivity Protocol for Star Topology Wireless Sensor Networks, IEEE Wireless Communications Letters, April 2016 [NS2].

42. A Mechanism for Mobile Data Offloading to Wireless Mesh Networks, IEEE Transactions on Wireless Communications, 2016 [NS2].
43. Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks, IEEE Transactions on Wireless Communications, May 2016 [NS2].
44. Hybrid wireless sensor networks: a reliability, cost and energy-aware approach, IET Wireless Sensor Systems, April 2016 [NS2].
45. Location aware sensor routing protocol for mobile wireless sensor networks, IET Wireless Sensor Systems, April 2016 [NS2].
46. A Pseudonym Management System to Achieve Anonymity in Vehicular Ad Hoc Networks, IEEE Transactions on Mobile Computing, February 2016 [NS2].
47. Routing Protocol for Heterogeneous Wireless Mesh Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
48. A Street-Centric Opportunistic Routing Protocol Based on Link Correlation for Urban VANETs, IEEE Transactions on Mobile Computing, July 2016 [NS2].
49. Bayesian Mechanisms and Detection Methods for Wireless Network with Malicious Users, IEEE Transactions on Mobile Computing, 2016 [NS2].
50. Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach, IEEE Transactions on Mobile Computing, July 2016 [NS2].
51. Distributed and Fair Beaconing Rate Adaptation for Congestion Control in Vehicular Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
52. Multihop Beaconing Forwarding Strategies in Congested IEEE 802.11p Vehicular Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
53. DIVERT- A Distributed Vehicular Traffic Re-routing System for Congestion Avoidance, IEEE Transactions on Mobile Computing, 2016 [NS2].
54. On Improving TCP Performance Over Mobile Data Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
55. On the Design of a Reward-Based Incentive Mechanism for Delay Tolerant Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
56. On the vulnerabilities of Voronoi-based approaches to mobile sensor deployment, IEEE Transactions on Mobile Computing, 2016 [NS2].

57. Streaming High-Quality Mobile Video with Multipath TCP in Heterogeneous Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
58. TCP-Aware Backpressure Routing and Scheduling, IEEE Transactions on Mobile Computing, July 2016 [NS2].
59. TCP Download Performance in Dense WiFi Scenarios: Analysis and Solution, IEEE Transactions on Mobile Computing, 2016 [NS2].
60. Virtual Multipath Attack and Defense for Location Distinction in Wireless Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
61. MixGroup: Accumulative Pseudonym Exchanging for Location Privacy Enhancement in Vehicular Social Networks, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
62. PROVEST- Provenance-based Trust Model for Delay Tolerant Networks, IEEE Transactions on Dependable and Secure Computing, 2016 [NS2].
63. Secure and Robust Multi-Constrained QoS Aware Routing Algorithm for VANETs, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
64. V2V QoS Guaranteed Channel Access in IEEE 802.11p VANETs, IEEE Transactions on Dependable and Secure Computing, February 2016 [NS2].
65. ActiveTrust: Secure and Trustable Routing in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, 2016 [NS2].
66. Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks With Obstacles, IEEE Access, 2016 [NS2].
67. Energy Efficiency Optimization for Mobile Ad Hoc Networks, IEEE Access, 2016 [NS2].
68. Secure and Efficient data communication protocol for Wireless Body Area Networks, IEEE Transactions on Multi-Scale Computing Systems, 2016 [NS2].
69. Clustering in Wireless Sensor Networks using IDEC-LEACH-C Hybrid Energy Efficient Protocol, International Journal of Computer Applications, May 2016. [NS2].
70. Effect of Nodes Mobility using different Trajectories, International Journal of Computer Applications, May 2016. [NS2].
71. Congestion Avoidance Routing in Wireless Sensor Networks, International Journal of Computer Applications, May 2016. [NS2].

72. Improving Control over Inter ISP Traffic Volume and Enhancing Peer Selection Methodology, International Journal of Computer Applications, May 2016. [NS2].
73. Comparative Study of Attacks with Clustering based and Routing Protocols in MANETs, International Journal of Computer Applications, May 2016. [NS2].
74. Implementation of Intrusion Detection System and Traffic Analysis – A Case of a Linux Platform, International Journal of Computer Applications, May 2016. [NS2].
75. Optimization of Resources with Fine-Tuning of Transmission Parameters in VANETs, International Journal of Computer Applications, May 2016. [NS2].
76. Performance comparison of ZRP Bordercasting using Multiple Unicasting vs Broadcasting, International Journal of Computer Applications, May 2016 [NS2].
77. Invalidation Method for Wireless Mobile Network to Maintain Consistency, International Journal of Computer Applications, May 2016 [NS2].
78. 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].
79. An Enhanced Approach of Detection and Prevention of Black Hole Attack on AODV over MANET, International Journal of Computer Applications, May 2016 [NS2].
80. Performance Evaluation of Re-Routing based Hybrid ACO-PSO based Routing Algorithm for MANETS, International Journal of Computer Applications, May 2016 [NS2].
81. A Robust Security Algorithm for VANETs, International Journal of Computer Applications, May 2016 [NS2].
82. Host Based Intrusion Detection for VANETs- A Statistical Approach to Rogue Node Detection, IEEE Transaction on Vehicular Technology, 2016 [NS2].
83. Geographic Routing in Multilevel Scenarios of Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
84. On Trajectory-Based I2V Group Message Delivery over Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].

85. Sinkhole Attack Detection Scheme using Neighbors' Information for LEAP based Wireless Sensor Networks, International Journal of Computer Applications, May 2016 [NS2].
86. Secured File Sharing using Trust Mechanism in Wireless Sensor Network, International Journal of Computer Applications, May 2016 [NS2].
87. One Hop-OLSR – An Efficient Technique over OLSR Routing to Maximize Energy, International Journal of Computer Applications, May 2016 [NS2].
88. Optimization of Video Streaming through Bufferbloat Mitigation using Hybrid FQ-CoDel Algorithm, International Journal of Computer Applications, May 2016 [NS2].
89. Performance Enhancement with Multipath Routing in Term of Bandwidth and Security on MANETs, International Journal of Computer Applications, April 2016 [NS2].
90. Session Clocking Attack Detection and Defense Strategy on TCP Session in Network, International Journal of Computer Applications, April 2016 [NS2].
91. An Adaptive Multipath Geographic Routing for Video Transmission in Urban VANETs, IEEE Transactions on Intelligent Transportation Systems, 2016 [NS2].
92. Motion-MiX DHT for Wireless Mobile Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
93. How Much Cache is Needed to Achieve Linear Capacity Scaling in Backhaul-Limited Dense Wireless Networks?, IEEE/ACM Transactions on Networking, 2016 [NS2].
94. An Architecture of Cloud-Assisted Information Dissemination in Vehicular Networks, IEEE Access, 2016 [NS2].
95. PBA: Prediction-based Authentication for Vehicle-to-Vehicle Communications, IEEE Transaction on Dependable and Secure Computing, 2016 [NS2]
96. Top-k Query Processing and Malicious Node Identification Based on Node Grouping in MANETs, IEEE Access, 2016 [NS2].
97. Private and Verifiable Interdomain Routing Decisions, IEEE/ACM Transactions on Networking, April 2016 [NS2].
98. Video Streaming over Ad-hoc Networks a QoE-based Optimal Routing Solution, IEEE Transaction on Vehicular Technology, 2016 [NS2].

99. A Trust Management System for Securing Data Plane of Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2016 [NS2].
100. Practical Asynchronous Neighbor Discovery in Ad Hoc Networks With Directional Antennas, IEEE Transaction on Vehicular Security, 2016 [NS2].
101. Optimal Capacity-Delay Tradeoff in MANETs with Correlation of Node Mobility, IEEE Transactions on Vehicular Technology, 2016 [NS2].
102. eDSA- Energy-Efficient Dynamic Spectrum Access Protocols for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, 2016 [NS2].
103. Analytical Evaluation of Saturation Throughput of a Cognitive WLAN Overlaid on a Time-Scheduled OFDMA Network, IEEE Transactions on Mobile Computing, May 2016 [NS2].
104. Anti-jamming Rendezvous Scheme for Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].
105. Two-Sided Matching Based Cooperative Spectrum Sharing, IEEE Transactions on Mobile Computing, April 2016 [NS2].
106. SPA: Almost Optimal Accessing of Nonstochastic Channels in Cognitive Radio Networks, IEEE Transactions on Mobile Computing, May 2016 [NS2].
107. Never Live Without Neighbors- From Single- to Multi-Channel Neighbor Discovery for Mobile Sensing Applications, IEEE/ACM Transactions on Networking, 2016 [NS2].
108. 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].
109. Collision Optimized Broadcast Scheduling in Wireless Sensor Network. International Journal of Computer Applications, June 2015 [NS2]
110. Location based Energy Efficient Scheme for Maximizing Routing Capability of AODV Protocol in MANET, Wireless and Microwave Technologies, 2015 [NS2].
111. Dragonfly Algorithm based Clustering in Wireless Sensor Network 2015. [NS2]
112. Dynamic Key based Authentication Scheme for Vehicular Cloud Computing, 2015 [NS2].



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

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

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

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

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

179. Batch Mode Job Scheduling Scheme (BJSS) for Clusters in Underwater Wireless Sensor Network (UWSN). International Journal of Computer Applications, June 2015 [NS2]
180. Energy Efficient Clustering Routing Protocol based on LEACH for WSN. International Journal of Computer Applications, June 2015 [NS2]
181. HEF Clustering for Secure and Efficient Data Transmission in CWSN. International Journal of Computer Applications, April 2015 [NS2]
182. Impact of Black Hole and Sink Hole Attacks on Routing Protocols for WSN. International Journal of Computer Applications, April 2015 [NS2]
183. Energy Conservation Protocol using Sleep Scheduling in WSN. International Journal of Computer Applications, March 2015 [NS2]
184. Controlling Queue Delay (CoDel) to counter the Bufferbloat Problem in Internet, International Journal of Current Engineering and Technology, June 2014 [NS2].
185. JellyFish attack: Analysis, detection and countermeasure in TCP-based MANET, Journal of Information Security and Applications, 2014 [NS2].
186. Energy Efficient Load Balancing Approach to Improve AOMDV Routing in MANET, IEEE, 2014 [NS2].
187. Trust Based Certificate Revocation of Malicious Nodes in MANET, IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), 2014 [NS2].
188. Local Route Repair Mechanism for AODV Protocol in MANETS, 2014 [NS2]
189. A General Self-Organized Tree-Based Energy-Balance Routing Protocol for Wireless Sensor Network, IEEE Transactions on Nuclear Science, April 2014 [NS2].
190. An Anti-Tracking Source-Location Privacy Protection Protocol in WSNs Based on Path Extension, IEEE Internet of Things Journal, October 2014 [NS2].
191. Analysis of Random Walk Mobility Models with Location Heterogeneity, IEEE Transaction on Parallel and Distributed System, 2015 [NS2]
192. Achieving Congestion Diversity in Multi-Hop Wireless Mesh Networks, IEEE Transaction on Mobile Computing, March 2015.

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

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



221. The Mason Test: A Defense Against Sybil Attacks in Wireless Networks Without Trusted Authorities, IEEE Transaction on Mobile Computing, 2015 [NS2]
222. An Efficient Auction-based Mechanism for Mobile Data Offloading, IEEE Transactions on Mobile Computing, August 2015 [NS2]
223. Comparative Analysis of E-AOMDV and MC-AOMDV using Multi-criteria Multipath Routing, International Journal of Computer Applications, March 2015 [NS2]
224. Message Matching-based Artificial Bee Colony based Behaviour Detection in Delay Tolerant Networks, International Journal of Computer Applications, March 2015 [NS2]
225. New Protocol of Aggressive Packet Combining Scheme: An Extension to Throughput Comparison, International Journal of Computer Applications, March 2015 [NS2]
226. Performance Comparison of AODV and DSR Routing Protocols using Real Time Test-bed. International Journal of Computer Applications, February 2015 [NS2]
227. Game Theory based Incentive Mechanisms in Delay Tolerant Network, International Journal of Computer Applications, April 2015 [NS2]
228. Concurrent Bandwidth Reservation Strategies for Big Data Transfers in High-Performance Networks, IEEE Transactions on Network and Service Management, June 2015.
229. Incentive Based Data Sharing in Delay Tolerant Mobile Networks, IEEE Transactions on Wireless Communications, January 2014 [NS2].
230. 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].
231. A Reactive and Scalable Unicast Solution for Video Streaming over VANETs, IEEE Transaction on Computers, 2015 [NS2]
232. Isolating Packet Dropping Misbehavior in VANET Using Ant Colony Optimization, International Journal of Computer Applications, June 2015.
233. An Intersection based Traffic Monitoring using VANET, International Journal of Computer Applications, May 2015.

- 234.ROFF: RObust and Fast Forwarding in Vehicular Ad-Hoc Networks, IEEE Transaction on Mobile Computing, 2015 [NS2]
- 235.A Novel approach for Detection of Distributed Denial of Service attack in VANET, International Journal of Computer Applications, June 2015.
- 236.Euler's Totient based Group Formation Scheme in VANET, International Journal of Computer Applications, June 2015.
- 237.A Hierarchical Account-Aided Reputation Management System for MANETs, IEEE Transactions on Networking, 2014 [NS2]
- 238.A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks, IEEE Transactions on Mobile Computing, March 2014 [NS2]
- 239.Wormhole Detection and Prevention using Profile base Mechanism in MANET, International Journal of Computer Applications, June 2014 [NS2]
- 240.Node Mobility Control Mechanism of Mobile Ad-Hoc Network. International Journal of Computer Applications, May 2014 [NS2]
- 241.Analysis of Throughput and Energy Consumption in MANET using IALERT Routing Protocol, International Journal of Computer Applications, June 2014 [NS2]
- 242.Performance Improvement of MANET under DSR Protocol using Swarm Optimization, International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT) IEEE, 2014 [NS2]
- 243.Designing Energy Routing Protocol with Power Consumption Optimization in MANET, IEEE Transactions on Emerging Topics in Computing, 2014 [NS2]
- 244.Detection and Prevention against Wormhole Attack in AODV for Mobile Ad-Hoc Networks, International Journal of Computer Applications, June 2014 [NS2]
- 245.Fibonacci sequence based multipath load balancing approach for mobile ad hoc networks, Ad Hoc Networks, 2014 [NS2]
- 246.Implementation of Hybrid Algorithm for Mobility and Routing Issues in MANET, International Journal of Computer Applications, July 2014 [NS2]
- 247.An effective implementation of security based algorithmic approach in mobile adhoc networks, Human-centric Computing and Information Sciences, 2014

248. Improved Performance of AODV Routing Protocol with Increasing Number of Nodes using Traveling Salesman Problem, International Journal of Computer Applications, July 2014 [NS2]
249. Efficient Privacy-Preserving Authentication for Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2014 [NS2].
250. ACPN: A Novel Authentication Framework with Conditional Privacy-Preservation and Non-Repudiation for VANETs, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
251. On Joint Privacy and Reputation Assurance for Vehicular Ad Hoc Networks, IEEE Transactions on Mobile Computing, 2014 [NS2]
252. A New Handover Scheme for Providing Security in VANET, International Journal of Computer Applications, May 2014 [NS2]
253. A Study and Performance Analysis of AODV, DSR and GSR Routing Protocols in VANET, International Journal of Computer Applications, June 2014 [NS2]
254. Verification and Inference of Positions in Vehicular Networks through Anonymous Beacons, IEEE Transactions on Mobile Computing, 2014 [NS2]
255. Scalable Back-Bone-Assisted Hop Greedy Routing for VANETs City Environments (SBHG), International Journal of Computer Applications, June 2014 [NS2]
256. Comparative Study of Enhanced AODV Routing Protocols in VANET, International Journal of Computer Applications, June 2014 [NS2]
257. Delay minimization and Vehicle velocity based Traffic Control Scheme in VANET, International Journal of Computer Applications, July 2014 [NS2]
258. Vehicular Security Through Reputation and Plausibility Checks, IEEE Systems Journal, June 2014 [NS2]
259. A Design Approach of Congestion Control for Safety Critical Message Transmission in VANET, IEEE, 2014 [NS2]
260. Energy Efficient Ad-hoc Routing Protocol for Disaster Scenario, International Journal of Computer Applications, July 2014 [NS2]
261. Security Enhancements for Mobile Ad Hoc Networks With Trust Management Using Uncertain Reasoning, IEEE Transactions on Vehicular Technology, 2014 [NS2]

262. End to End Delay Performance and Comparative analysis of Various TCP Variants in Mobile Ad hoc Networks (MANETs), International Journal of Computer Applications, June 2014 [NS2]
263. SLIM – Simple Lightweight and Intuitive Multicast Protocol for MANETs, International Journal of Computer Applications, May 2014. [NS2]
264. Efficient Data Query in Intermittently-Connected Mobile Ad Hoc Social Networks, IEEE Transactions on Parallel and Distributed Systems, April 2014 [NS2]
265. Identifying, Avoidance and Performance Assessment of Black Hole Attack on AODV Protocol in MANET, International Journal of Computer Applications, June 2014 [NS2]
266. Comparative Analysis of Routing Protocols in Mobile Ad-Hoc Networks (MANETs), International Journal of Computer Applications, June 2014. [NS2]
267. Sensing, Filter and Processing (SFP) Model for Robust Cooperative Position Identification in Mobile Ad-Hoc Networks, International Journal of Computer Applications, May 2014. [NS2]
268. A Trust based Approach for Detecting and Preventing Wormhole Attack in MANET, International Journal of Computer Applications, May 2014. [NS2]
269. STARS: A Statistical Traffic Pattern Discovery System for MANETs, IEEE Transactions on Dependable and Secure Computing, 2014 [NS2]
270. Lightweight Privacy-Preserving and Secure Communication Protocol for Hybrid Ad Hoc Wireless Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
271. An Individual Trust Management Technique for Mitigating Sinkhole Attack in MANET, International Journal of Computer Applications, June 2014 [NS2]
272. Dynamic Detection of Node Replication Attack in Wireless Sensor Network using MANET, International Journal of Computer Applications, May 2014 [NS2]
273. Energy Conscious Routing in MANET, International Journal of Computer Applications, June 2014 [NS2]
274. Energy-Efficiency based Analysis of Routing Protocols in Mobile Ad-Hoc Networks (MANETs), International Journal of Computer Applications, June 2014 [NS2]

275. Modified DSR Algorithm with MPR Selection Criteria, International Journal of Computer Applications, June 2014 [NS2]
276. Secured and Scalable Multicasting through new SCDMP Protocol in MANET. International Journal of Computer Applications, June 2014 [NS2]
277. Throughput Optimization using Transition Probability on MAC Layer in Mobile- Ad hoc Network, International Journal of Computer Applications, July 2014 [NS2]
278. An Efficient Secure Routing Protocol in MANET Security – Enhanced AODV (SE-AODV), International Journal of Computer Applications, July 2014 [NS2]
279. An Empirical Performance Evaluation of AODV and DSR using ALERT Protocol in MANET, International Journal of Computer Applications, July 2014. [NS2]
280. A Light-Weight Trust based Mobility Aware Routing Algorithm for Mobile Ad Hoc Networks, International Journal of Computer Applications, July 2014 [NS2]
281. A Proposed Model for Load Balancing in MANET, International Journal of Computer Applications, July 2014 [NS2]
282. Load balancing and Congestion Control in Mobile Ad-hoc Network using Ant Colony Optimization, International Journal of Computer Applications, July 2014. [NS2]
283. Energy Efficient Routing with MAX-Min Energy Scheme in Ad-hoc On-Demand Multipath Distance Vector routing for MANET, International Journal of Computer Applications, July 2014 [NS2]
284. Multilayer Intrusion Detection in MANET, International Journal of Computer Applications, July 2014 [NS2]
285. QoS Aware Multipath Threshold Routing for Mobile Ad hoc Networks, International Journal of Applied Information Systems, April 2014 [NS2]
286. QoS based Performance Analysis of EAODV Protocol in Overlay Network, International Journal of Computer Applications, May 2014 [NS2]
287. An Insight in to Network Traffic Analysis using Packet Sniffer, International Journal of Computer Applications, May 2014. [NS2]
288. A Two-Phase Dispatch Heuristic to Schedule the Movement of Multi-Attribute Mobile Sensors in a Hybrid Wireless Sensor Network, IEEE Transactions on Mobile Computing, April 2014 [NS2]

289. An Experimental Study of Routing Metrics in 802.11n Wireless Mesh Networks, IEEE Transactions on Mobile Computing, 2014 [NS2]
290. An Incentive Framework for Cellular Traffic Offloading, IEEE Transactions on Mobile Computing, March 2014 [NS2]
291. Using a Random Perturbation-based Scheme for establishing Authentic Associations in Wireless Mesh Network, International Journal of Computer Applications, May 2014 [NS2]
292. Hybrid TB-LEACH Energy based Multihop Protocol, International Journal of Computer Applications, June 2014 [NS2]
293. Co-evolution of Content Spread and Popularity in Mobile Opportunistic Networks, IEEE Transactions on Mobile Computing, 2014 [NS2]
294. Dynamic Trust Management for Delay Tolerant Networks and Its Application to Secure Routing, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
295. End-to-End Measurements for Network Tomography under Multipath Routing , IEEE Communications Letters, May 2014 [NS2]
296. Exploiting ZigBee in Reducing WiFi Power Consumption for Mobile Devices, IEEE Transactions on Mobile Computing, 2014 [NS2]
297. Max-Min Lifetime Optimization for Cooperative Communications in Multi-Channel Wireless Networks, IEEE Transactions on Parallel and Distributed Systems, June 2014 [NS2]
298. Max-Ratio Relay Selection in Secure Buffer-Aided Cooperative Wireless Networks, IEEE Transactions on Information Forensics and Security, 2014 [NS2]
299. Neighbor Table Based Shortcut Tree Routing in ZigBee Wireless Networks, IEEE Transactions on Parallel and Distributed Systems, March 2014 [NS2]
300. Toward Fuzzy Traffic Adaptation Solution in Wireless Mesh Networks, IEEE Transactions on Computers , May 2014 [NS2]
301. Secure and Reliable Routing Protocols for Heterogeneous Multi-hop Wireless Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
302. Analysis of Dynamic Route Discovery Mechanism in Reactive Routing Protocols, International Journal of Computer Applications, June 2014 [NS2]

- 303.SAKGP: Secure Authentication Key Generation Protocol in WLAN, International Journal of Computer Applications, June 2014 [NS2]
- 304.Performance and Evaluation of Adaptive Dynamic Channel Allocation protocol in Hybrid Multichannel Wireless Mesh Networks, International Journal of Computer Applications, July 2014 [NS2]
- 305.Detection and Prevention of Impersonation Attack in Wireless networks, 2014 [NS2]
- 306.Multiple Network Equilibria with Two-Way TCP Flows , IEEE Communications Letters , May 2014 [NS2]
- 307.Novel Fastest Retransmission and Rate Control Schemes for Improving TCP Performance in Wireless Ad Hoc Network, 2014 [NS2]
- 308.Cross-Layer Approach for Minimizing Routing Disruption in IP Networks, IEEE Transactions on Parallel and Distributed Systems, July 2014 [NS2]
- 309.A Novel Approach to Trust Management in Unattended Wireless Sensor Networks, IEEE Transactions on Mobile Computing, 2014 [NS2]
- 310.Design of a Probability Density Function Targeting Energy-Efficient Node Deployment in Wireless Sensor Networks, IEEE Transactions on Network and Service Management, June 2014 [NS2]
- 311.An Extension of MAC Protocol for Mobility Detection and Efficient Data Transmission, International Journal of Computer Applications, May 2014 [NS2]
- 312.Iterative Localization of Wireless Sensor Networks: An Accurate and Robust Approach, IEEE/ACM Transactions on Networking, April 2014 [NS2]
- 313.Maximizing Lifetime of Heterogeneous Wireless Sensor Network using Heed Protocol, International Journal of Computer Applications, July 2014 [NS2]
- 314.Priority based Fuzzy Decision Packet Scheduling Algorithm for QOS in Wireless Sensor Network, International Journal of Computer Applications, July 2014 [NS2]
- 315.Cluster Head Selection Protocol using Fuzzy Logic for Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
- 316.Comparative Analysis of EH-LEACH with Distinct Angles in a Scalable Network, International Journal of Computer Applications, July 2014 [NS2]

317. Maintaining Consistency between Caches to Improve Overall Performance in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
318. Traffic Analysis, a Wise Approach to Detect Compromised Nodes in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
319. Localized Sensor Area Coverage with Low Communication Overhead, IEEE Transactions on Mobile Computing, 2014 [NS2]
320. Combine Received Signal Strength and Angle of Arrival based Localization Technique for WSN, International Journal of Computer Applications, May 2014. [NS2]
321. On the vulnerabilities of the virtual force approach to mobile sensor deployment, IEEE Transactions on Mobile Computing, 2014 [NS2]
322. WSN-Life Enhancing Routing Algorithm, International Journal of Computer Applications, June 2014 [NS2]
323. Distributed Clustering In Wireless Sensor Networks Using a Game Theoretical Approach, IJTPE Journal, March 2014 [NS2]
324. An Energy Efficient Cooperative MISO Transmission Scheme for Cluster-based Wireless Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
325. Energy efficient cluster based routing protocol (EECBRP) for Wireless Sensor Network, Networks & Soft Computing (ICNSC), First International Conference on. IEEE, 2014 [NS2]
326. Non-Line-Of-Sight Environment based Localization in Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
327. BHnFDIA : Energy Efficient Elimination of Black Hole and False Data Injection Attacks in Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
328. TADEEC: Threshold Sensitive Advanced Distributed Energy Efficient Clustering Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]



329. An Efficient Transmission Scheduling and Synchronization Algorithm for Border Node Problem in Wireless Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
330. Energy Efficient Hierarchy-based Clustering Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
331. Prototyped LEACH Routing Algorithm for the Enhancement of Energy Efficiency in Wireless Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
332. Analysis and Improvement of Routing Protocol LEACH using TEEN, APTEEN and Adaptive Threshold in WSN, International Journal of Computer Applications, June 2014 [NS2]
333. Improving Congestion Performance in WSN by using Enhanced Algorithm, International Journal of Computer Applications, June 2014 [NS2]
334. Delay Analysis of ML-MAC Algorithm For Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
335. Influence of Initial Energy Selection in Leach Protocol based Wireless Sensor Networks, International Journal of Computer Applications, May 2014. [NS2]
336. Optimal Probabilistic Encryption for Secure Detection in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, March 2014 [NS2]
337. QoS Aware Geographic Opportunistic Routing in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
338. Designing a WSN Data Format for WLAN and Cellular Network Compatibility in an E-healthcare Framework, International Journal of Computer Applications, May 2014. [NS2]
339. A Quantitative Analysis of Algorithms for Energy Efficient Coverage in WSN, International Journal of Computer Applications, June 2014 [NS2]
340. Error Minimization in Localization of Wireless Sensor Networks using Modified Cuckoo Search with Mobile Anchor Positioning (MCS-Map) Algorithm. [NS2]
341. Reliable Data Aggregation using Ant Colony Optimization with State Transition Ant Rule in Sensor Network, International Journal of Computer Applications, June 2014 [NS2]

- 342.Enhancement of Mobility Model for Cluster Hierarchical Routing Protocol in Wireless Sensor Networks, International Journal of Computer Applications, May 2014 [NS2]
- 343.Secure Continuous Aggregation in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, March 2014 [NS2]
- 344.Improvement on LEACH Protocol in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
- 345.Ant Based Cluster Head Election Algorithm in Wireless Sensor Network to avoid Redundancy, IEEE, 2014 [NS2]
- 346.Improvement on Gossip Routing Protocol using TOSSIM in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
- 347.A Localization Technique in Wireless Sensor Network based on Angle of Arrival, International Journal of Computer Applications, July 2014 [NS2]
- 348.An Efficient Technique for Detection of Flooding and Jamming Attacks in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
- 349.Transmission-Efficient Clustering Method for Wireless Sensor Networks Using Compressive Sensing, IEEE Transactions on Parallel and Distributed Systems, March 2014 [NS2]
- 350.Path Determination using Improved BFS approach in Wireless Sensor Network, International Journal of Computer Applications, July 2014 [NS2]
- 351.Defending against Energy Draining attack in Wireless Ad-Hoc Sensor Networks, IJARCSST, 2014 [NS2]
- 352.An Energy Efficient Clustering Algorithm based on Boundary Nodes Allocation for WSN, International Journal of Computer Applications, July 2014. [NS2]
- 353.A light weight PLGP based method for mitigating vampire attacks in Wireless Sensor Networks, IJECS, 2014 [NS2]
- 354.Secure Data Aggregation in Wireless Sensor Networks: Filtering out the Attacker's Impact, IEEE Transactions on Information Forensics and Security, April 2014 [NS2]
- 355.Intelligent Localization Algorithm for Temperature Monitoring using Wireless Sensor Networks, International Journal of Computer Applications, May 2014 [NS2]

356. An Enhanced Approach for Synchronization in WSN, International Journal of Computer Applications, May 2014 [NS2]
357. Secure and Efficient Data Transmission for Cluster-Based Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2/JAVA]
358. Lightweight authentication protocol used in wireless sensor network, IEEE, 2014
359. Fast data collection in linear duty-cycled wireless sensor networks. IEEE Transactions on Vehicular Technology, 2014
360. Secure Routing Protocol Based On Unobservable Identity in Mobile Ad-Hoc Networks, International Journal of P2P Network Trends and Technology, 2013 [NS2].
361. Packet Loss Avoidance in Content Centric Mobile Adhoc Networks, IEEE, January 2013 [NS2]
362. A Multihop-Authenticated Proxy Mobile IP Scheme for Asymmetric VANETs, IEEE Transactions on vehicular technology, September 2013 [NS2].
363. EAACK-A Secure Intrusion-Detection System for MANETs IEEE Transactions On Industrial Electronics, Vol. 60, No. 3, March 2013 [NS2]
364. DCIM: Distributed Cache Invalidation Method for Maintaining Cache Consistency in Wireless Mobile Networks, IEEE Transactions on Mobile Computing, April 2013 [NS2]
365. Multi-path Stable QoS Routing for Real-time Traffic Applications in MANET, International Journal of Computer Applications, June 2013 [NS-2]
366. A Beacon-based Trust Management System for Enhancing User Centric Location Privacy in VANETs, IEEE Journal of Communications and Networks, April 2013 [Java/NS2]
367. Path Stability Mechanism in Mobility based AOMDV for MANETS, International Journal of Computer Applications, August 2013 [NS-2]
368. A New Link Lifetime Estimation Method for Greedy and Contention-Based Routing Mobile Ad Hoc Networks, 2013 [NS2]
369. ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs , IEEE Transactions on Mobile Computing, June 2013 [NS2]

- 370.A Path loss Sensitive Stable Routing Protocol for MANET, International Journal of Computer Applications, June 2013 [NS-2]
- 371.MAODV:Modified Wormhole Detection AODV Protocol, IEEE Transactions on Network Security, 2013 [NS2]
- 372.A Neighbor Coverage-Based Probabilistic Rebroadcast for Reducing Routing Overhead in Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, March 2013 [NS2]
- 373.Trust based Ad-hoc on Demand Routing protocol for MANET, International Conference on IEEE, 2013 [NS2]
- 374.An Efficient Approach for Grayhole and Blackhole Attacks in MANETS, 2013 [NS2]
- 375.Lifetime elongation of ad hoc networks under flooding attack using power-saving technique, 2013 [NS2]
- 376.Enhancing Quality of Service in ERS- AODV for Mobile Ad Hoc Networks, International Journal of Computer Applications, August 2013 [NS-2]
- 377.A Decentralized Key management scheme via neighborhood prediction in mobile wireless Network,2013[NS2]
- 378.Achieving Efficient Cooperative Message Authentication in Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2013 [NS2]
- 379.BlackHole Attack and Detection Method for AODV Routing Protocol in MANETs, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), April 2013 [NS2]
- 380.Efficient Energy based Stable Multipath Routing Scheme for MANET, International Journal of Computer Applications, July 2013 [NS-2]
- 381.Enhanced OLSR for Defense against DOS Attack in Ad Hoc Networks, Journal Of Communications And Networks, Vol. 15, No. 1, February 2013 [NS2]
- 382.AODV, DSDV, DSR Performance Analysis with TCP Reno, TCP New Reno, TCP Vegas on Mobile Ad-hoc Networks using NS2, International Journal of Computer Applications, June 2013 [NS-2]
- 383.Adaptive Position Update for Geographic Routing in Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, March 2013 [NS2]

384. Energy Efficient Routing Protocols for Mobile Ad hoc Networks, IJISME, Feb 2013, [NS-2]
385. Discovery and Verification of Neighbor Positions in Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, Feb 2013 [NS2]
386. Impact of Route Selection Metrics on the Performance of DSR Protocol for MANETs, International Journal of Computer Science Issues, Mar 2013 [NS-2]
387. Vampire Attacks: Draining Life from Wireless Ad Hoc Sensor Networks, IEEE Transactions on Mobile Computing, Feb 2013 [NS2]
388. Trust and Shortest Path Selection based Routing Protocol for MANET, International Journal of Computer Applications, August 2013 [NS-2]
389. An Efficient and Robust Addressing Protocol for Node Auto configuration in Ad Hoc Networks, IEEE Transactions on Networking, June 2013 [NS2]
390. Analysis of Modified Cooperative Transmission Routing Protocol in Manet, International Journal of Computer Science Issues, Mar 2013 [NS-2]
391. Opportunistic MANETs: Mobility Can Make Up for Low Transmission Power, IEEE Transactions on Networking, April 2013 [NS2]
392. An Energy Efficient Approach for Wormhole Detection and Prevention, International Journal of Computer Applications, August 2013 [NS-2]
393. MAC Layer Back-off Algorithm for Ad hoc Networks, MIPRO 2013/CTI [NS2]
394. Hypocomb: Bounded-Degree Localized Geometric Planar Graphs for Wireless Ad Hoc Networks, IEEE Transactions on Parallel and Distributed Systems, July 2013 [NS2]
395. Secure Routing Schema for Manet with Probabilistic Node to Node forwarding, International Journal of Computer Science Issues, May 2013 [NS-2]
396. A Secure Protocol for Spontaneous Wireless Ad Hoc Networks Creation, IEEE Transactions on Parallel and Distributed Systems, April 2013 [NS2]
397. Comparative Study of DSR, OLSR and ZRP in MANET under Varying Pause Time and Packet Transmission Rate, International Journal of Computer Applications, August 2013 [NS-2]

- 398.Design and Performance Evaluation of Overhearing-Aided Data Caching in Wireless Ad Hoc Networks, IEEE Transactions on Parallel and Distributed Systems, March 2013 [NS2]
- 399.Effects of Black Hole Attack on MANET Using Reactive and Proactive Protocols, International Journal of Computer Science Issues, May 2013 [NS-2]
- 400.Localization-Oriented Network Adjustment in Wireless Ad-Hoc and Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 401.Venue-based Mobility Models: Evaluation of MANET Routing Protocols, International Journal of Computer Applications, July 2013 [NS-2]
- 402.Secure Cooperative Data Downloading in Vehicular Ad Hoc Networks, IEEE Transactions on Selected Areas in Communication, 2013 [NS2/JAVA]
- 403.Mitigate Black Hole Attack In Dynamic Source Routing (DSR) Protocol By Trapping, International Journal of Computer Science Issues, July 2013 [NS-2]
- 404.Blind Cooperative Communications for Multi-hop Ad Hoc Wireless Networks, IEEE Transactions on Vehicular Technology, 2013 [NS2]
- 405.Towards Improving Performance of Reputation based Dynamic Source Routing in MANET, International Journal of Computer Applications, July 2013 [NS-2]
- 406.Time-Efficient Protocols for Neighbor Discovery in Wireless Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2013 [NS2]
- 407.Scenario Based Performance and Comparative Simulation Analysis of Routing Protocols in MANET, IJCSNS International Journal of Computer Science and Network Security, June 2013 [NS-2]
- 408.cTrust: Trust Management in Cyclic Mobile Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2013 [NS2]
- 409.Stability and Energy Aware Multipath Routing for Mobile Ad Hoc Networks, International Journal of Computer Applications, July 2013 [NS-2]
- 410.Distributed Coverage in Wireless Ad Hoc and Sensor Networks by Topological Graph Approaches, IEEE Transactions on Computers, 2013 [NS2]
- 411.Multipath Routing Protocol for Reducing Congestion and Delay in MANET, International Journal of Computer Applications, July 2013 [NS-2]

- 412.DDBA-DSR: Detection of Deep Black Hole Attack in DSR, International Journal of Computer Applications, July 2013 [NS-2]
- 413.Performance Improvement by Dynamic Queue Management in Mobile Ad hoc Network, International Journal of Computer Applications, June 2013 [NS-2]
- 414.Reputation based Efficient Isolation of Wormhole Nodes, International Journal of Computer Applications, May 2013 [NS-2]
- 415.A Comparative Analysis of AODV and R-AODV Routing Protocols in MANETS, International Journal of Computer Applications, June 2013 [NS-2]
- 416.Performance Evaluation of Hybrid Multipath Progressive Routing Protocol for MANETs, International Journal of Computer Applications, June 2013 [NS-2]
- 417.A Novel Approach for Detecting Black Hole Attack in MANET, International Journal of Computer Applications, May 2013 [NS-2]
- 418.Effect of TTL Parameter Variation on Performance of AODV Route Discovery Process, International Journal of Computer Applications, May 2013 [NS-2]
- 419.Cluster-Based Certificate Revocation with Vindication Capability for Mobile Ad Hoc Networks, IEEE Transactions on Parallel and Distributed systems, 2013 [NS-2]
- 420.Smart Route Discovery in MANET using Ordered Walk, International Journal of Computer Applications, May 2013 [NS-2]
- 421.Trust based Cluster Computing in Ad hoc Network using Group Key Climbing and Chaining, International Journal of Computer Applications, July 2013 [NS-2]
- 422.Leveraging Social Networks for P2P Content-based File Sharing in Disconnected MANETs, IEEE Transactions on Mobile Computing, 2013 [NS2/JAVA]
- 423.Video Dissemination over Hybrid Cellular and Ad Hoc Networks, IEEE Transactions on Mobile Computing, 2013 [NS2/JAVA]
- 424.Performance Evaluation of Reactive and Proactive Routing Protocols over MANET, International Journal of Computer Applications, July 2013 [NS-2]
- 425.Weighted Cluster based Distributed Spanning Tree Routing Protocol for Mobile Ad-hoc Networks, International Journal of Computer Applications, July 2013 [NS-2]
- 426.A Reactive Energy-Alert Algorithm for MANET and Its Impact on Node Energy Consumption, International Journal of Computer Applications, June 2013 [NS-2]

427. Energy-Efficient Reliable Routing Considering Residual Energy in Wireless Ad Hoc Networks, IEEE Transactions on Mobile Computing, 2013 [NS2]
428. Distributed Cooperative Caching in Social Wireless Networks, IEEE Transactions on Mobile Computing, June 2013 [NS2]
429. Evaluating Implementation Strategies for Location-Based Multicast Addressing, IEEE Transactions on Mobile Computing, May 2013 [NS2]
430. Energy Efficient wireless Mac protocols for railway monitoring applications ,Jan 2013[NS2]
431. Wi-TCP: A TCP in Wireless Environment, Journal of Computer Applications, July 2013 [NS-2]
432. Dynamic Control of Receiver Buffers in Mobile Video Streaming Systems, IEEE Transactions on Mobile Computing, May 2013 [NS2]
433. DCIM: Distributed Cache Invalidation Method for Maintaining Cache Consistency in Wireless Mobile Networks, IEEE Transactions on Mobile Computing, April 2013 [NS2]
434. QoS based Adaptive Admission Control Algorithm for Wireless Multimedia Networks, International Journal of Computer Applications, June 2013 [NS-2]
435. A Network and Device Aware QoS Approach for Cloud-Based Mobile Streaming, IEEE Transactions on Multimedia, June 2013 [NS2]
436. Available Bandwidth Estimation for Network Selection in Heterogeneous Environment of WLAN and WiMAX, International Journal of Computer Applications, June 2013 [NS-2]
437. A Mobility-Aware Node Deployment and Tree Construction Framework for ZigBee Wireless Networks, IEEE July 2013 [NS2]
438. Adaptive Mobile Cloud Computing to Enable Rich Mobile Multimedia Applications, IEEE Transactions on Multimedia, June 2013 [NS2]
439. Proteus: Multiflow Diversity Routing for Wireless Networks with Cooperative Transmissions IEEE Transactions on Mobile Computing, June 2013 [NS2]
440. To Lie or to Comply: Defending against Flood Attacks in Disruption Tolerant Networks, IEEE Transactions on Dependable and Secure Computing, May/June 2013 [NS2]



- 441.SocialTube: P2P-assisted Video Sharing in Online Social Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 442.Channel Allocation and Routing in Hybrid Multichannel Multiradio Wireless Mesh Networks, IEEE Transactions on Mobile Computing, February 2013 [NS2]
- 443.Energy-Efficient Cooperative Protocol for Wireless Networks, IJCSNS International Journal of Computer Science and Network Security, June 2013 [NS-2]
- 444.On the Discovery of Critical Links and Nodes for Assessing Network Vulnerability, IEEE Transactions on Networking, June 2013 [NS2]
- 445.Mobility Increases the Connectivity of Wireless Networks, IEEE Transactions on Networking, April 2013 [NS2]
- 446.Model-Driven Optimization of Opportunistic Routing, IEEE Transactions on Networking, April 2013 [NS2]
- 447.Geographic Routing in d -Dimensional Spaces with Guaranteed Delivery and Low Stretch, IEEE Transactions on Networking, April 2013 [NS2]
- 448.Efficient Algorithms for Neighbor Discovery in Wireless Networks, IEEE Transactions on Networking, Feb 2013 [NS2]
- 449.DoMaIN: A Novel Dynamic Location Management Solution for Internet-Based Infrastructure Wireless Mesh Networks, IEEE Transactions on Parallel and Distributed Systems, Aug 2013 [NS2]
- 450.Formal Specification and Runtime Detection of Dynamic Properties in Asynchronous Pervasive Computing Environments, IEEE Transactions on Parallel and Distributed Systems, Aug 2013 [NS2]
- 451.Self-Adaptive Contention Aware Routing Protocol for Intermittently Connected Mobile Networks, IEEE Transactions on Parallel and Distributed Systems, July 2013 [NS2]
- 452.Geocommunity-Based Broadcasting for Data Dissemination in Mobile Social Networks, IEEE Transactions on Parallel and Distributed Systems, April 2013 [NS2/JAVA]
- 453.Incentive-Driven and Privacy-Preserving Message Dissemination in Large Scale Mobile Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]

- 454.Measurement and Analysis of an Internet Streaming Service to Mobile Devices, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 455.Privacy-Preserving Profile Matching for Proximity-Based Mobile Social Networking, IEEE Transactions on Selected Areas in Communication, 2013 [NS2]
- 456.Energy-Aware Cooperative Content Distribution over Wireless Networks: Optimized and Distributed Approaches, IEEE Transactions on Vehicular Technology, 2013 [NS2]
- 457.Self-Adaptive Context Data Management in Large-Scale Mobile Systems, IEEE Transactions on Computers, 2013 [NS2]
- 458.CACC: A Cooperative Approach to Cache Consistency in WMNs, IEEE Transactions on Computers, 2013 [NS2]
- 459.Formal Analysis of Secure Neighbor Discovery in Wireless Networks, IEEE Transactions on Dependable and Secure Computing, 2013 [NS2]
- 460.Cooperative Caching for Efficient Data Access in Disruption Tolerant Networks, IEEE Transactions on Mobile Computing, 2013 [NS2]
- 461.CMT-QA: Quality-aware Adaptive Concurrent Multi-path Data Transfer in Heterogeneous Wireless Networks, IEEE Transactions on Mobile Computing, 2013 [NS2]
- 462.A Scalable Transitive Human-Verifiable Authentication Protocol for Mobile Devices, IEEE Transactions on Information Forensics and Security, 2013 [NS2]
- 463.Traffic Differentiation and Scheduling for QoS support in Vehicular Sensor Networks 2013 IEEE [NS2]
- 464.Evaluation of the Use of Guard Nodes for Securing the Routing in VANETs, IEEE Journal of Communications and Networks, April 2013 [NS2]
- 465.Signs of a Bad Neighborhood- A Lightweight Metric for Anomoly Detection in MANET, October 2012 [NS2]
- 466.Footprint: Detecting Sybil Attacks in Urban Vehicular Networks, IEEE Transactions on Parallel and Distributed Systems, June 2012 [NS2]
- 467.Performance analysis of Black Hole Attack on Vanet's Reactive Routing Protocols, International Journal of Computer Applications, July 2013 [NS2]

468. A Framework for Secure and Efficient Data Acquisition in Vehicular Ad Hoc Networks, IEEE Transactions on Vehicular Technology, 2013
469. Cooperative Caching Scheme for Content Oriented Networking, IEEE Communications Letters, April 2013 [NS2/JAVA]
470. Energy-Efficient In-Network Caching for Content-Centric Networking, IEEE Communications Letters, April 2013 [NS2/JAVA]
471. ICTCP: Incast Congestion Control for TCP in Data-Center Networks, IEEE Transactions on Networking, April 2013 [NS2]
472. Traceback of DOS over Autonomous Systems, March 2013 [NS2]
473. Estimating Instantaneous Cache Hit Ratio Using Markov Chain Analysis, IEEE Transactions on Networking, 2013. [NS2/JAVA]
474. Localized Algorithms for Detection of Node Replication Attacks in Mobile Sensor Networks, IEEE Transactions on Information Forensics and Security, May 2013 [NS2]
475. An Enhanced Energy Efficient Clustering Scheme for Prolonging the Lifetime of Heterogeneous Wireless Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
476. Energy Efficient Image Transmission in Wireless Multimedia Sensor Networks, IEEE Communications Letters, June 2013 [NS2]
477. Distance based (DBCP) Cluster Protocol for Heterogeneous Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
478. LDTS: A Lightweight and Dependable Trust System for Clustered Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, June 2013 [NS2]
479. MED-BS Clustering Algorithm for the Small-Scale Wireless Sensor Networks, Wireless Sensor Networks, May 2013 [NS-2]
480. CDAMA: Concealed Data Aggregation Scheme for Multiple Applications in Wireless Sensor Networks, IEEE Transactions on Knowledge and Data Engineering, July 2013 [NS2/JAVA]

481. Computation of the Optimal Probability of becoming a Cluster Head in Hierarchical Clustered WSNs, International Journal of Computer Applications, August 2013 [NS-2]
482. VAPR: Void-Aware Pressure Routing for Underwater Sensor Networks, IEEE Transactions on Mobile Computing, May 2013 [NS2]
483. Improving the Network Lifetime in WSN through Enhanced LEACH, International Journal of Computer Applications, August 2013 [NS-2]
484. Enhanced Unequal Clustering Scheme for Wireless Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
485. Scheduling Mobile Nodes for Cooperative Data Transport in Sensor Networks, IEEE Transactions on Networking, June 2013 [NS2]
486. Energy Constraints of Localization Techniques in Wireless Sensor Networks (WSN): A Survey, International Journal of Computer Applications, August 2013 [NS-2]
487. Efficient Computation of Robust Average of Compressive Sensing Data in Wireless Sensor Networks in the Presence of Sensor Faults, IEEE Transactions on Parallel and Distributed Systems, Aug 2013 [NS2]
488. CIAC: Cluster Head Induced Affinity based Clustering for Prolonging the Lifetime of Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
489. Attribute-Aware Data Aggregation Using Potential-Based Dynamic Routing in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
490. Enhanced Low Energy Communication Protocol for Implantable Wireless Body Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
491. GKAR: A Novel Geographic (K)-Anycast Routing for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
492. Comparison of different Energy Minimization Techniques in Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
493. Lightweight Location Verification Algorithms for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]

494. A Cluster-based Routing Algorithm for WSN based on Residual Energy of the Nodes, International Journal of Computer Applications, July 2013 [NS-2]
495. Scheduling Sensor Data Collection with Dynamic Traffic Patterns, IEEE Transactions on Parallel and Distributed Systems, April 2013 [NS2]
496. Energy Efficient Routing Strategies for Clustered Wireless Sensor Networks: An Analytical Framework, International Journal of Computer Applications, July 2013 [NS-2]
497. Improve Efficiency and Reliability in Single-Hop WSNs with Transmit-Only Nodes, IEEE Transactions on Parallel and Distributed Systems, March 2013 [NS2]
498. Residual Energy and Distance based Energy-Efficient Communication Protocol for Wireless Sensor Network, International Journal of Computer Applications, July 2013 [NS-2]
499. Dynamic Coverage of Mobile Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, Feb 2013 [NS2]
500. Localized Algorithms for Detection of Node Replication Attacks in Mobile Sensor Networks, IEEE Transactions on Information Forensics and Security, May 2013 [NS2]
501. Multiple rendezvous multichannel mac protocol design for under water sensor network, Jan 2013 [NS2]
502. A Delay-Aware Network Structure for Wireless Sensor Networks with In-Network Data Fusion, May 2013 [NS2]
503. Energy Efficient Multi-Flow Routing in Mobile Sensor Networks, IEEE WCNC – Wireless Communications and Networking Conference (2013) [NS2]
504. EEDBC-M: Enhancement of Leach-Mobile protocol with Energy Efficient Density-based Clustering for Mobile Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]
505. Lifetime Improvement of LEACH Protocol for Wireless Sensor Network, IEEE, 2013 [NS2]
506. Enhancement in Leach Protocol for Wireless Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]

- 507.ALBA-R: Load-Balancing Geographic Routing Around Connectivity Holes in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 508.A Novel Energy Efficient Hierarchical Multi Level Cluster Routing Protocol based on LEACH, International Journal of Computer Applications, July 2013 [NS-2]
- 509.Hybrid Energy Efficient Protocol for Stable Concentric Clustering in Heterogenous Wireless Sensor Networks,International Journal of Computer Applications, July 2013 [NS-2]
- 510.New Framework for Enhanced Secure Key Management in Hierarchical Wireless Sensor Network, International Journal of Computer Applications, July 2013 [NS-2]
- 511.An Efficient Genetic Algorithm for Maximum Coverage Deployment in Wireless Sensor Networks, IEEE Transactions on Cybernetics, 2013 [NS2]
- 512.Trust based Data Aggregation in Wireless Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]
- 513.Packet Flow Rate to Protect Wireless Sensor Networks from Wormhole and Hello Flood Attacks, International Journal of Computer Applications, June 2013 [NS-2]
- 514.Cluster based Sleep/Wakeup Scheduling Technique for WSN, International Journal of Computer Applications, June 2013 [NS-2]
- 515.Localization of Nodes: A New Challenge for Wireless Sensor Networks, International Journal of Computer Applications, June 2013 [NS-2]
- 516.Energy Efficient Cluster based Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2013 [NS-2]
- 517.Performance Analysis and Classification of Clone Attack Detection Procedures in Mobile Wireless Sensor Networks, International Journal of Computer Applications, June 2013. [NS2]
- 518.Enhanced Beta Trust Model for Identifying Insider Attacks in Wireless Sensor Networks, IJCSNS International Journal of Computer Science and Network Security, Aug 2013 [NS-2]
- 519.An Energy Efficient Data Redundancy Reduction Approach for Data Aggregation in WSN, International Journal of Computer Science Issues, July 2013 [NS-2]

- 520.Exploring Energy Aware Clustering Protocol for Heterogeneous Sensor Network, International Journal of Computer Applications, June 2013 [NS-2]
- 521.Performance Analysis of Variable Energy Levels of Clustering Protocols for Wireless Sensor Network, International Journal of Computer Science Issues, Mar 2013 [NS-2]
- 522.Localized Movement-Assisted Sensor Deployment Algorithm for Hole Detection and Healing, IEEE transactions on parallel and distributed systems, 2013
- 523.Achieving efficient flooding by utilizing link correlation in wireless sensor networks, IEEE/ACM Transactions on Networking, 2013
- 524.Secure Routing in Wireless Sensor Network, IJARCSSE, 2013
- 525.LCM: A Link-Aware Clustering Mechanism for Energy-Efficient Routing in Wireless Sensor Networks, IEEE Sensors Journal, 2013
- 526.XL-WMSN: cross-layer quality of service protocol for wireless multimedia sensor networks, EURASIP Journal on Wireless Communications and Networking 2013, [NS2]
- 527.Toward Reliable Data Delivery for Highly Dynamic Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, Jan 2012 [ NS2]
- 528.Performance Evaluation of Reactive, Proactive and Hybrid Routing Protocols in MANET, IJCSE , Feb 2012, [NS-2]
- 529.A key management and secure routing integrated framework for Mobile Ad-hoc Networks, Elsevier, 2012
- 530.Stateless Multicast Protocol for Ad Hoc Networks, IEEE Transactions on Mobile Computing, Vol. 11, No. 2, February 2012 [NS2]
- 531.Handling Selfishness in Replica Allocation over a Mobile Ad Hoc Network, IEEE Transactions on Mobile Computing, IEEE Transactions on Mobile Computing, Feb 2012 [NS2]
- 532.Enhanced Expanding Ring Search Algorithm for AODV, IJCA, Jan 2012, [NS-2]
- 533.Local Broadcast Algorithms in Wireless Ad Hoc Networks: Reducing the Number of Transmissions, IEEE Transactions on Mobile Computing, March 2012 [NS2]
- 534.Energy-Efficient Strategies for Cooperative Multi-channel MAC Protocols, IEEE Transactions on Mobile Computing, April 2012 [NS2]

535. Simulation and comparative analysis of energy conservation performance metric for ERAODV, AODV and DSDV routing protocols in MANET, Information and Communication Technologies on. IEEE, 2012 [NS2]
536. Analysing the Impact of TTL Sequence based Expanding Ring Search on Energy Aware Routing Protocols for MANETs, IJEST, May 2012 [NS-2]
537. Study and Design of New Reactive Routing Protocol Advance AODV for Mobile Adhoc Networks, IJERA, may- June 2012 [NS-2]
538. Energy-Efficient Position Based Routing Protocol for Mobile Ad Hoc Networks, 2012 IEEE [NS2]
539. AMD: Audit-based Misbehavior Detection in Wireless Ad Hoc Networks, 2012 IEEE TRANSACTIONS ON MOBILE COMPUTING, VOL. X, NO. X, [NS2]
540. CORMAN: A Novel Cooperative Opportunistic Routing Scheme in Mobile Ad Hoc Networks, IEEE Transactions on Parallel and Distributed Systems, Feb 2012 [NS2]
541. Adaptive Opportunistic Routing for Wireless Ad Hoc Networks, IEEE Transactions on Networking, Feb 2012 [NS2]
542. Balancing the Trade-Offs between Query Delay and Data Availability in MANETs, IEEE Transactions on Parallel and Distributed Systems, April 2012 [NS2]
543. Administrator and trust based Secure routing MANET, International Conference on Advances in Mobile Network, Communication and its Applications (MNCAPPS), IEEE, 2012 [NS2]
544. USOR: An Unobservable Secure On-Demand Routing Protocol for Mobile Ad Hoc Networks, IEEE Transactions on parallel and distributed systems, May 2012 [NS2]
545. Performance evaluation of energy consumption for AODV and DSR routing protocols in MANET, International Conference on Computer & Information Science (ICCIS), IEEE, 2012 [NS2]
546. Degree-Based Clustering Algorithms for Wireless Ad Hoc Networks Under Attack, IEEE Communications Letters, May 2012 [NS2]
547. Improving Selfish Node Detection in MANETs Using a Collaborative Watchdog, IEEE Communications Letters, May 2012 [NS2]
548. Risk-Aware Mitigation for MANET Routing Attacks, Transactions on Dependable and Secure Computing, March 2012 [NS2]



- 549.A Novel Energy Efficient and Administrator Based Secured Routing in MANET, International Journal of Network Security & Its Applications (IJNSA), Vol.4, No.4, July 2012 [ NS2]
- 550.A Reliable Transmission Protocol for ZigBee-Based Wireless Patient Monitoring, IEEE Transactions on Information Technology in Biomedicine, Jan 2012 [NS-2]
- 551.Secure Dynamic Routing Protocols based on Cross-Layer Network Security Evaluation IEEE,2012 [NS2]
- 552.Optimal Control of Wireless Networks With Finite Buffers, IEEE Transactions on Networking, 2012 (NS2)
- 553.A QoS Oriented Vertical Handoff Scheme for WiMAX/WLAN Overlay Networks, IEEE Transactions on Parallel and Distributed Systems, April 2012 [NS2]
- 554.A New Cluster Based Approach on Load Balancing Technique with Congestion Control Schema for Mobile Networks, 2012
- 555.Packet-Hiding Methods for Preventing Selective Jamming Attacks, Transactions on Dependable and Secure Computing, Jan 2012 [NS2]
- 556.Distributed Packet Buffers for High-Bandwidth Switches and Routers, IEEE Transactions on Parallel and Distributed Systems, July 2012 [NS2]
- 557.Centralized and Clustered k-Coverage Protocols for Wireless Sensor Networks, IEEE Transactions On Computers, Vol. 61, No. 1, January 2012 [NS2]
- 558.Energy-Efficient Tree-Based Multi-path Power Control for Underwater Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, Nov 2012 [NS2]
- 559.Distance-based Stable Election Protocol (DB-SEP) for Heterogeneous Wireless Sensor Network, International Journal of Computer Applications, Nov 2012 [NS-2]
- 560.Detection of Sybil Attack in Mobile Wireless Sensor Networks, IJESAT | Mar-Apr 2012. [NS2]
- 561.Hierarchical Trust Management for Wireless Sensor Networks and its Applications to Trust-Based Routing and Intrusion Detection, IEEE Transactions on Networking, June 2012 [NS2]
- 562.Detection of Wormhole Attacks in Wireless Sensor Networks, 2012[NS2]
- 563.SCHS: Smart Cluster Head Selection Scheme for Clustering Algorithms in Wireless Sensor Networks, November 2012 [NS2]

- 564.Hop-by-Hop Traceback in Wireless Sensor Networks, IEEE Communications Letters, Feb 2012 [NS2]
- 565.Supporting Efficient and Scalable Multicasting over Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, April 2011[NS2]
- 566.DBET: Demand Based Energy efficient Topology for MANETs, IEEE International Conference on device and Communications, Feb 2011 [NS2]
- 567.Stealthy Attacks in Wireless Ad Hoc Networks: Detection and Countermeasure, IEEE Transactions on Mobile Computing, August 2011[NS2]
- 568.M-AODV: AODV variant to improve quality of service in MANETs, arXiv preprint arXiv:1104.1186, 2011 [NS2]
- 569.On the Effectiveness of Monitoring for Intrusion Detection in Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, August 2011[NS2]
- 570.Mechanism Design-Based Secure Leader Election Model Intrusion Detection in MANET, IEEE Transactions on Dependable and Secure Computing, Feb 2011[NS2]
- 571.GFDA: Route Discovery Algorithms for On-demand Mobile Ad Hoc Routing Protocols, 2011 Published by Elsevier Ltd. [NS2]
- 572.P2DAP – Sybil Attacks Detection in Vehicular Ad Hoc Networks, IEEE Journal on Selected Areas in communications, march 2011. [NS2]
- 573.Developing a BDSR scheme to avoid black hole attack based on proactive and reactive architecture in MANETs, Advanced Communication Technology (ICACT), IEEE, 2011 [NS2]
- 574.A Policy Enforcing Mechanism for Trusted Ad Hoc Networks, IEEE Transactions on Dependable and Secure Computing, June 2011[NS2]
- 575.Weight based Clustered Key Management Scheme using RSA for Wireless Mobile Ad hoc Networks, Conference on Advanced Computing (ICoAC), 2011 [NS2]
- 576.Wormholes No More? Localized Wormhole Detection And Prevention In Wireless Networks, IEEE International Conference on Distributed Computing in Sensor Systems, 2010 [NS2].
- 577.A Comparative Study of Energy Efficient Air Indexing Techniques for Uniform Broadcasting, International Journal of Computer Applications, 2011 [NS-2]]

578. Explicit Congestion Control Algorithms for Time Varying Capacity Media, IEEE Transactions on Mobile Computing, Jan 2011 [NS2]
579. A Cooperative Clustering Protocol for Energy Saving of Mobile Devices with WLAN and Bluetooth Interfaces, IEEE Transactions on Mobile Computing, April 2011[NS2]
580. Energy-Efficient Protocol for Cooperative Networks, IEEE/ACM Transactions on Networking, April 2011[NS2]
581. On Exploiting Cognitive Radio to mitigate interference in Macro/Femto Heterogeneous Networks, IEEE Wireless Communications, June 2011.(NS2)
582. SAT: A Security Architecture Achieving Anonymity and Traceability in Wireless Mesh Networks, IEEE Transactions on Dependable and Secure Computing, April 2011[NS2]
583. Secure High-Throughput Multicast Routing in Wireless Mesh Networks, IEEE Transactions on Mobile Computing, May 2011[NS2]
584. Measuring Multipath Routing in the Internet, IEEE/ACM Transactions on Networking, June 2011 (NS2)
585. Traceback of DDoS Attacks Using Entropy Variations, MARCH 2011 IEEE Transactions on Parallel and Distributed systems [NS2]
586. The Small World of File Sharing, IEEE Transactions on Parallel and Distributed Systems, July 2011[NS2]
587. Performance Improvement of Delay-Based TCPs in Asymmetric Networks, IEEE Communications Letters, Mar 2011(NS2)
588. Glive: The gradient overlay as a market maker for mesh-based p2p live streaming, IEEE, 2011 [NS2]
589. Data Leakage Detection, IEEE Transactions on Knowledge and Data Engineering, January 2011 [NS2 / Java]
590. Spatial Temporal coverage in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, April 2011 [NS2]
591. Routing mechanism for a DTN using WSN nodes for localization applications, IEEE, 2011 [NS2]

592. Continuous Neighbor Discovery in Asynchronous Sensor Networks, IEEE/ACM Transactions on Networking, Feb 2011 [NS2]
593. Video Streaming Distribution in VANETs, IEEE Transactions on Parallel and Distributed Systems, July 2011 [NS2 / Java]
594. COSR: A Reputation-Based Secure Route Protocol in MANET, EURASIP Journal on Wireless Communications and Networking Volume 2010 [NS2]
595. Performance Comparison and Analysis of Preemptive-DSR and TORA, International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC) Vol.1, No.4, December 2010 [NS2]
596. SSUM: Smart Server Update Mechanism for Maintaining Cache Consistency in Mobile IEEE Transactions on Mobile Computing, June 2010 [NS2]
597. Quantifying Impact of Mobility on Data Availability in Mobile Ad Hoc Networks, IEEE Transactions on Mobile Computing, Feb. 2010 [NS2]
598. Dynamic Cluster Broadcasting for Mobile Ad Hoc Networks, 2010 [NS2]
599. Novel Defense Mechanism against Data Flooding Attacks in Wireless Ad Hoc Networks, 2010 [NS2]
600. A Joint Routing and Scheduling Algorithm for Efficient Broadcast in Wireless Mesh Networks, IEEE Communications Society subject matter experts for publication in the WCNC 2010 proceedings. ( NS2 / Java )
601. A hybrid reservation/contention-based MAC for video streaming over wireless networks, IEEE Journal on Selected Areas in Communications, April 2010 (NS2)
602. Impact of Feature Reduction on the Efficiency of Wireless Intrusion Detection Systems, IEEE Transactions on Parallel and Distributed Systems, August 2010 (NS2)
603. Dynamic rekeying in 3GPP multimedia broadcast/multicast service (MBMS) IEEE Communications Letters, April 2010 (JAVA)
604. Introducing Size-Oriented Dropping Policies as QoS-Supportive Functions, IEEE Transactions on Network Service Management, March 2010 [Java / NS2]
605. Fast Recovery from Dual-Link or Single-Node Failures in IP Networks Using Tunneling, IEEE/ACM Transactions on Networking, December 2010 [NS2]
606. Formula-based TCP throughput prediction with available bandwidth: IEEE Communications Letters, April 2010 [NS2]

607. Optimal Jamming Attack Strategies and Network Defense Policies in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, August 2010 [NS2]
608. Detecting Denial of Service Attacks in Sensor Networks, 2010 [NS2]
609. Maximal Weight Topology Discovery in Ad hoc Wireless Sensor Networks, IEEE, 2010 [NS2]
610. Improved algorithm of PEGASIS protocol introducing double cluster heads in wireless sensor network, International Conference on Computer, Mechatronics, Control and Electronic Engineering (CMCE), 2010 [NS2]
611. Enhancing DSR protocol performance in mobile ad hoc network using ACK reply, WSEAS Transactions on Communications, 2009.
612. Location Privacy in Sensor Networks Against a Global Eavesdropper, International Conference on Network Protocol, IEEE International Conference, October 2007 [NS2].

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