***NETWORKING – NS2***

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| **BODY AREA NETWORKS** | | |
|  | A PUF-based and cloud-assisted lightweight authentication for multi-hop body area network | |
|  | Energy Optimized Congestion Control-Based Temperature Aware Routing Algorithm for Software Defined Wireless Body Area Networks | |
|  | An Energy-Efficient and Cooperative Fault- Tolerant Communication Approach for Wireless Body Area Network | |
|  | A Lightweight and Secure Anonymity Preserving Protocol for WBAN | |
|  | Toward Improving QoS and Energy Efficiency in Wireless Body Area Networks | |
|  | A Trust-Based Energy-Efficient and Reliable Communication Scheme (Trust-Based ERCS) for Remote Patient Monitoring in Wireless Body Area Networks | |
| **MOBILE AD HOC NETWORKS** | | |
|  | Delay-Constrained Topology-Transparent Distributed Scheduling for MANETs | |
|  | Elephant Herding Optimization Ad Hoc On-Demand Multipath Distance Vector Routing Protocol for MANET | |
|  | Design of Novel Mobility and Obstacle-Aware Algorithm for Optimal MANET Routing | |
|  | Identification of Critical Nodes for Enhanced Network Defense in MANET-IoT Networks | |
|  | A Hybrid Wormhole Attack Detection in Mobile Ad-Hoc Network (MANET) | |
|  | An Adaptive on-Demand Multipath Routing Protocol With QoS Support for High-Speed MANET | |
|  | An Optimal Location Allocation by Multi-User Cooperative Mobility for Maximizing Throughput in MANETs | |
|  | Multipath Routing and MPTCP-Based Data Delivery Over Manets | |
|  | An Active-Routing Authentication Scheme in MANET | |
| **VEHICULAR AD HOC NETWORKS** | | |
|  | | MFSPV: A Multi-Factor Secured and Lightweight Privacy-Preserving Authentication Scheme for VANETs |
|  | | LPPA: Lightweight Privacy-Preserving Authentication From Efficient Multi-Key Secure Outsourced Computation for Location-Based Services in VANETs |
|  | | A Lightweight Privacy-Preserving Authentication Protocol for VANETs |
|  | | HDMA: Hybrid D2D Message Authentication Scheme for 5G-Enabled VANETs |
|  | | A New Hybrid Routing Protocol Using a Modified K-Means Clustering Algorithm and Continuous Hopfield Network for VANET |
| **WIRELESS SENSOR NETWORKS** | | |
|  | | Minimal Path-Based Reliability Model for Wireless Sensor Networks With Multistate Nodes |
|  | | Increased Network Lifetime and Load Balancing Based on Network Interface Average Power Metric for RPL |
|  | | Optimized Energy – Efficient Path Planning Strategy in WSN With Multiple Mobile Sinks |
|  | | Energy-Efficient Cooperative Routing Scheme for Heterogeneous Wireless Sensor Networks |
|  | | DORA: A Destination-Oriented Routing Algorithm for Energy-Balanced Wireless Sensor Networks |
|  | | A Collaborative Security Framework for Software-Defined Wireless Sensor Networks |
|  | | Centralized Routing Protocol for Detecting Wormhole Attacks in Wireless Sensor Networks |
|  | | Energy-Efficient Cooperative Routing Scheme for Heterogeneous Wireless Sensor Networks |
|  | | Mobile routing algorithm with dynamic clustering for energy large-scale wireless sensor networks |
|  | | I-SEP: An Improved Routing Protocol for Heterogeneous WSN for IoT based Environmental Monitoring |