1. FCTrees: A Front-Coded Family of Compressed Tree-Based FIB Structures for NDN Routers (2020)
2. Tree-Based Approaches for Improving Energy Efficiency and Life Time of Wireless Sensor Networks (WSN): A Survey and Future Scope for Research (2020- Survey paper)
3. Rule extraction from multi-layer perceptron neural network using decision tree for currency exchange rates forecasting (2019)
4. QoS multicast routing for wireless mesh network based on a modified binary bat algorithm (2019)
5. Implementation of Fog Nodes in the Tree-Based Fog Computing (TBFC) Model of the IoT (2019)
6. Red-Black Tree Based NeuroEvolution of Augmenting Topologies (2019)
7. Fruit Tree Disease Recognition Based on Convolutional Neural Networks (2019)
8. Optimal data aggregation tree in wireless sensor networks based on improved river formation dynamics (2018)
9. Fair Priority Scheduling (FPS): A Process Scheduling Algorithm Based on Skip Ring Data Structure (2017)
10. Vertex cover-based binary tree algorithm to detect all maximum common induced subgraphs in large communication networks (2016)
11. An Improved Chaotic Binary Bat Algorithm for QoS Multicast Routing (2016)
12. Binary and m-ary encoding in applications of tree-based genetic algorithms for QoS routing (2014)
13. Red-black tree architecture for P2P media streaming (2013)
14. Energy-efficient tree-based cooperative data aggregation for wireless sensor networks (2013)
15. Tree-Based Genetic Algorithm with Binary Encoding for QoS Routing (2013)
16. RDVBT: Resource Distance Vector Binary Tree Algorithm for Resource Discovery in Grid (2012)
17. Cross-layer application-specific wireless sensor network design with single-channel CSMA MAC over sense-sleep trees (2006)

**ML+TRANSPORT LAYER**

1. Data Analytics and Machine learning applied to Transport Layer (2019)
2. Rethinking Transport Layer Design for Distributed Machine Learning (2019)

**ML+WBAN:**

1. Future of Big Data and Deep Learning for Wireless Body Area Networks (2019)
2. Using Machine Learning for Intrusion Detection System in Wireless Body Area Network (2019)
3. Ambient Networks : toward a Future Internet embracing the Wireless World (2010)