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### **Journals**

#### **IEEE**

- 1) Gunasekaran Raja, Geetha Vijayaraghavan, Sudha Anbalagan, Sudhakar Theerthagiri, Saran Vaitangarukav Suryanarayan, Xin-Wen Wu, SP-CIDS: Secure and Private Collaborative IDS for VANETs, **IEEE Transactions on Intelligent Transportation Systems 2020 (Accepted)**
- 2) Gunasekaran Raja, Geetha Vijayaraghavan, Sudha Anbalagan, Priyanka Dhanasekaran, Energy-Efficient End-to-End Security for Software Defined Vehicular Networks, **IEEE Transactions on Industrial Informatics**, DOI: 10.1109/TII.2020.3012166, 2020
- 3) Gunasekaran Raja, Aishwarya Ganapathisubramaniyan, Sudha Anbalagan, Sheeba Backia Marry Bhaskaran, Kathirola Raja, Ali Kashif Bashir, Intelligent Reward based Data Offloading in Next Generation Vehicular Networks, **IEEE Internet of Things Journal**, Vol. 7, No. 5, pp. 3747 - 3758, May 2020
- 4) Sunil Jacob, Varun G Menon, Saira Joseph, Vinoj P G, Alireza Jolfaei, Jibin Lukose, Gunasekaran Raja, A Novel Spectrum Sharing Scheme using Dynamic Long Short-Term Memory with CP-OFDMA in 5G Networks, **IEEE Transactions on Cognitive Communications and Networking**, DOI: 10.1109/TCCN.2020.2970697, 2020
- 5) Amjad Ali, Li Feng, Ali Kashif Bashir, Shaker El-Sappagh, Syed Hassan Ahmed, Muddesar Iqbal and Gunasekaran Raja, Quality of Service Provisioning for Heterogeneous Services in Cognitive Radio-enabled Internet of Things, **IEEE Transactions on Network Science and Engineering**, Vol. 7, No. 1, pp. 328 -342, Jan. - Mar. 2020
- 6) Rajakumar Arul, Gunasekaran Raja, Alaa Omran Almagrabi, Mohammed Saeed Alkatheiri, Sajjad Hussain Chauhdary, Ali Kashif Bashir, A Quantum Safe Key Hierarchy and Dynamic Security Association for LTE/SAE in 5G Scenario, **IEEE Transactions on Industrial Informatics**, Vol. 16, No. 1, pp. 681 - 690, Jan. 2020

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- 10) Rajakumar Arul, Gunasekaran Raja, Sudha Anbalagan, Dhananjay Kumar, Ali Kashif Bashir, The Future Usage of Smart Phones, **IEEE Internet Policy Newsletter**, Mar. 2017

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- 11) Sudha Anbalagan, Dhananjay Kumar, Gunasekaran Raja, Alkondan Balaji, SDN assisted Stackelberg Game model for LTE-WiFi offloading in 5G networks, **Digital Communication and Networks**, Vol. 5, Issue 4, pp. 268-275, Nov. 2019
- 12) Sudha Anbalagan, Dhananjay Kumar, Mercy Faustina J, Gunasekaran Raja, Waleed Ejaz, Ali Kashif Bashir, SDN-Assisted Efficient LTE-WiFi Aggregation in Next Generation IoT Networks, **Future Generation Computer Systems** <https://doi.org/10.1016/j.future.2017.12.013>, 2017
- 13) Kottilingam Kottursamy, Gunasekaran Raja, Jayashree Padmanaban and Vaishnavi Srinivasan, Improved Database Synchronization Mechanism for Mobile Data using Software Defined Networking Control, **Computers and Electrical Engineering**, Vol. 57, pp. 93-103, Feb. 2016

### **SPRINGER**

- 14) Gunasekaran Raja, Anil Thomas, SAFER: Crowdsourcing based Disaster Monitoring System using Software Defined Fog Computing, **Mobile Networks and Applications**, Vol. 24, Issue 5, pp. 1414-1424, Oct. 2019
- 15) Anil Thomas, Gunasekaran Raja, FINDER: A D2D based Critical Communications Framework for Disaster Management in 5G, **Peer-Peer Networking and Applications**, Vol. 12, Issue 4, pp. 912-923, July 2019
- 16) Ramkumar Jayaraman, Gunasekaran Raja, Ali Kashif Bashir, Chauhdary Sajjad Hussain, Ali Hassan, Mohammad Alqarni, Interference Mitigation Based on Radio Aware Channel Assignment for Wireless Mesh Networks, **Wireless Personal Communications**, Vol. 101, Issue 3, pp. 1539-1557, Aug. 2018

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- 23) Ali Kashif Bashir, Rajakumar Arul, Shakila Basheer, Gunasekaran Raja, Ramkumar Jayaraman and Nawab Muhammad Faseeh Qureshi, An optimal multitier resource allocation of cloud RAN in 5G using machine learning, **Transactions on Emerging Telecommunications Technologies**, <https://doi.org/10.1002/ett.3627>, May 2019

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- 24) Gunasekaran Raja, Saran V S, Sudha Anbalagan, Ali Kashif Bashir, Muhammad Imran, Nidal Naseer, Collisionless Fast Pattern Formation Mechanism for Dynamic Number of UAVs, **IEEE GLOBECOM 2020 (Accepted)**

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- 26) Gunasekaran Raja, Priyanka Dhanasekaran, Sudha Anbalagan, Aishwarya Ganapathisubramaniyan, Ali Kashif Bashir, SDN-enabled Traffic Alert System for IoV in Smart Cities, **IEEE INFOCOM 2020**