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Publications (Last five years)

SCI Publications

1. M, Divyapushpalakshmi, **Ramalakshmi, R.** Hybrid machine learning approach for community and overlapping community detection in social network. *Trans Emerging Tel Tech.* **2020**;e4161. <https://doi.org/10.1002/ett.4161>
2. Nesarani, Abraham, **Ramalakshmi Ramar**, and Sivakumar Pandian. "An efficient approach for rice prediction from authenticated Block chain node using machine learning technique." *Environmental Technology & Innovation* 20 (**2020**): 101064.
3. Rabiya, Syed M., and **Ramalakshmi Ramar**. "Multiattribute-based routing for lifetime maximization in opportunistic mobile social networks." *INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS* (**2020**).
4. Senthil, **Ramalakshmi**, "Stateful firewall-enabled software-defined network with distributed controllers: A network performance study", *International Journal of Communication Systems*, **2019**, Wiley. [IF: 1.278] [online version published]
5. Hatim Gasmelseed, R. **Ramalakshmi**, "Traffic pattern-based load-balancing algorithm in software- defined network using distributed controllers", *Journal of Communication Systems*, **2018**, Wiley. [IF: 1.278] [online version published]

Scopus Indexed Journals

1. S. Sivakumar, R. **Ramalakshmi**, I.Siva, "Automotive Drive-Shaft Health Condition Monitoring and Relaying using IoT", *Journal of Defence S & T Technical Bulletin*, 13(1), **2020**.
2. Rabiya, M. Syed, and **R. Ramalakshmi**. "Replica Reduced Routing Protocol for Intermittent Connected Networks in Emergency Scenarios." *International Journal of Distributed Systems and Technologies (IJ DST)* 10, no. 2 (**2019**): 84-109.

International Conferences

1. Kavitha, D., **R. Ramalakshmi**, and R. Murugeswari. "The Detection and Mitigation of Distributed Denial-of-Service (DDOS) Attacks in Software Defined Networks using Distributed Controllers." In *2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)*, pp. 1-5. IEEE, **2019**.
2. Jenifa, A., **R. Ramalakshmi**, and V. Ramachandran. "Cotton Leaf Disease Classification using Deep Convolution Neural Network for Sustainable Cotton Production." In *2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)*, pp. 1-3. IEEE, **2019**.

3. Rabiya, M. Syed, and **R. Ramalakshmi**. "RIT: Remaining Inter-Contact Time based Routing for Intermittent Connected Networks." In *2019 IEEE International Conference on Clean Energy and Energy Efficient Electronics Circuit for Sustainable Development (INCCES)*, pp. 1-4. IEEE, **2019**.
4. V.Ramachandran, **R.Ramalakshmi**, S. Seshadhri, "An Automated Irrigation System for Smart Agriculture Using the Internet of Things", 15th IEEE International Conference on Automation, Robotics, Control and Vision, Singapore, 18-21, November **2018**. [**Scopus Indexed**]
5. Ahmed, Hatim Gasmelseed, and **R. Ramalakshmi**. "Performance Analysis of Centralized and Distributed SDN Controllers for Load Balancing Application." In *2018 2nd International Conference on Trends in Electronics and Informatics (ICOEI)*, pp. 758-764. IEEE, **2018**.
6. Jeyapriya, S., and **R. Ramalakshmi**. "Glucose monitoring and control in diabetes using GSM and automatic insulin injector system for human bodies." In *2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)*, pp. 1-6. IEEE, **2017**.