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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]
6. R. **Ramalakshmi** and S. Radhakrishnan, "Weighted dominating set based routing for ad hoc communications in emergency and rescue scenarios", *Wireless Networks - Springer*, Volume 21, Issue 2, Feb 2015.
7. R. **Ramalakshmi** and S. Radhakrishnan, "Connected k-Coverage Topology Control for Area Monitoring in Wireless Sensor Networks", *Wireless Personal Communications - Springer*, 84, no. 2 (2015): 1051-1067.

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 (IJDST)* 10, no. 2 (2019): 84-109.

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- 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.
- 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.
- 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]
- 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.
- 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.