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List of Publications & Patents



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[IEEE](#)
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[ELSEVIER](#)
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[Springer](#)
[Springer](#)

International Journals
[Accepted/Published]

1. **Ramesh. D.**, Naela. R., Srinivasa Rao P. C., Sundararajan. E., Koushik. M., Srivastava. G., & L. Qi. (2024). Improved Chemical Reaction Optimization with Fitness based Quasi-reflection Method for Scheduling in Hybrid Cloud-Fog Environment. [IEEE Transactions on Network and Service Management](#). Vol. 21, Issue 1. **IEEE. IF: 4.700.** **[Q1]**
2. Xiao Liu, Shunmei Meng , Qianmu Li, Qiyang Liu, Qiang He., **Dharavath Ramesh.**, & Lianyong Qi. (2024). FDGNN: Feature-aware Disentangled Graph Neural Network for Recommendation. [IEEE Transactions on Computational Social Systems](#). Vol. 11, Issue 1. **IEEE. IF: 4.500.** **[Q1]**
3. R. Mishra., **Ramesh. D.**, Paolo. B., & D. R. Edla. (2023). Redactable Blockchain-Assisted Secure Data Aggregation Scheme for Fog-enabled Internet-of-Farming-Things. [IEEE Transactions on Network and Service Management](#). Vol. 20, Issue 4. **IEEE. IF: 4.700.** **[Q1]**
4. R. Mishra., **Ramesh. D.**, Salil. S. K., & D. R. Edla. (2022). Enabling Efficient Deduplication and Secure Decentralized Public Auditing for Cloud Storage: A Redactable Blockchain Approach. [ACM Transactions on Management Information Systems](#). Vol. 14, Issue 3. **ACM, IF: 2.500.** **[Q2]**
5. Pankaj P., Rashmi P. S., Sachin. T., C. Kumar., & **Dharavath Ramesh.** (2022). NSGA-III Based Heterogeneous Transmission Range selection for Node Deployment in IEEE 802.15.4 Infrastructure for Sugarcane and Rice Crop Monitoring in a Humid Sub-Tropical Region. [IEEE Transactions on Wireless Communications](#). Vol. 22, Issue 6. **IEEE, IF: 8.900.** **[Q1]**
6. Yuwen Liu., Huiping Wu., Khosro Rezaee., Mohammad R. Khosravi., Osama Khalaf., Arif Ali Khan., **Dharavath Ramesh** & Lianyong Qi. (2022). Interaction-enhanced and Time-aware Graph Convolutional Network for Successive Point-of-Interest Recommendation in Travelling Enterprises. [IEEE Transactions on Industrial Informatics](#). Vol. 19, Issue 1. **IEEE. IF: 11.700.** **[Q1]**
7. Naela Rizvi., **Dharavath Ramesh.**, Lipo Wang., & Annappa, B. (2022). A Workflow Scheduling Approach with Modified Fuzzy Adaptive Genetic Algorithm in IaaS clouds. [IEEE Transactions on Services Computing](#). Vol. 16, Issue 2. **IEEE. IF: 5.500.** **[Q1]**
8. Naela Rizvi., **Dharavath Ramesh.**, Srinivasa Rao P. C., & Koushik Mondal. (2022). Intelligent salp swarm scheduler with fitness based quasi-reflection method for scientific workflows in hybrid cloud-fog environment. [IEEE Transactions on Automation Science and Engineering](#). Vol. 20, Issue 2. Page(s): 862 – 877. **IEEE. IF: 5.900.** **[Q1]**

9. Pankaj P., Rashmi P. S., Sachin. T., C. Kumar., & **Dharavath Ramesh**. (2022). Machine Learning Regression for RF Path Loss Estimation Over Grass Vegetation in IoWSN Monitoring Infrastructure. [IEEE Transactions on Industrial Informatics](#). Vol. 26, Issue 10. **IEEE**. IF: **11.700**. [Q1]
10. Annushree B., Damodar R., E., V., Kuppili., & **Ramesh., D.** (2021). Lie detection using fuzzy ensemble approach with novel defuzzification method for classification of EEG signals. [IEEE Transactions on Instrumentation and Measurement](#). Vol. 70, Pp. 1-13. **IEEE**, IF: **5.600**. [Q1]
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Book Chapters/Books

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1. Vamshikrishna, A., **Ramesh, D.**, Mishra, R., & Mohammad, N. (2024). Sustainable Healthcare 5.0: Integration of IoT and Blockchain Technology with Federated Learning Model for Securing Healthcare Data. In *Artificial Intelligence of Things for Achieving Sustainable Development Goals* (pp. 161-180). Cham: Springer Nature Switzerland. DOI: https://doi.org/10.1007/978-3-031-53433-1_9.
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Patents [Granted/Filed]

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2. **Method and Device for Preparing Beverage.** (Indian IP Granted).
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