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List of Publications:

1. K Praveen, **PM Prathap**, S Dhanasekaran, IS Punithavathi, P Duraipandy "Deep Learning Based Intelligent and Sustainable Smart Healthcare Application in Cloud-Centric IoT" *CMC-COMPUTERS MATERIALS & CONTINUA* 66 (2), 1987-2003, 2021.

2. V Alappatt, **PMJ Prathap** "Hybrid cryptographic algorithm based key management scheme in MANET" *Materials Today: Proceedings*, 2020

3. MS Sanaj, **PMJ Prathap** "An efficient approach to the map-reduce framework and genetic algorithm based whale optimization algorithm for task scheduling in cloud computing environment" *Materials Today: Proceedings*, 2020

4. V Alappat, **J Prathap** "Multipath routing mechanism using embedded architecture of interfaced circuit" *Microprocessors and Microsystems* 77, 103188, 2020

5. MS Sanaj, **PMJ Prathap** "An infrastructure for embedded systems using task scheduling" *Microprocessors and Microsystems* 77, 103190, 2020

6. MS Sanaj, PMJ Prathap "Nature inspired chaotic squirrel search algorithm (CSSA) for multi objective task scheduling in an IAAS cloud computing atmosphere" *Engineering Science and Technology, an International Journal* 23 (4), 891-902, 2020

7. S Ms, **JP PM**, V Alappatt "Profit maximization based task scheduling in hybrid clouds using whale optimization technique" *Information Security Journal: A Global Perspective* 29 (4), 155-168, 2020

8. **PMJP** Sujesh P. Lal "A provenance based defensive technique to determine malevolent selective forwarding attacks in multi-hop wireless sensor networks" *Journal of Ambient Intelligence and Humanized Computing*, 2020

9. Arul Selvi A, **Joe Prathap P M** "Enhanced L-Diversity Algorithm and Improved Particle Swarm Optimization Algorithm for data leakage detection" *INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH* 9 (4), 1463-1469, 2020

10. VG Menon, **JP PM** "Moving From Topology-Dependent to Opportunistic Routing Protocols in Dynamic Wireless Ad Hoc Networks: Challenges and Future Directions" *Algorithms, Methods, and Applications in Mobile Computing and Communications*, 2019

11. SP Lal, **PMJ Prathap** "Safe Diffusion of Provenance in Wireless Sensor Networks Using in-Packet Bloom Filter Provenance Encoding Technique" *International Journal of Engineering & Technology* 7 (3.27), 285-289, 2018

12. **PMJ Prathap** "FADASN - FORCE ATTENUATION DELAY AWARE ACOUSTIC WAVES UNDERWATER SENSOR NETWORK" *Journal of Web Engineering* 17 (6), 3260-3267, 2018.

13. KS Prakash, **PM Prathap** "Evaluating Aggregate Functions of Iceberg Query Using Priority Based Bitmap Indexing Strategy" *International Journal of Electrical & Computer Engineering* (2088-8708) 7 (6), 2017

14. VG Menon, **J Prathap** "Vehicular fog computing: challenges applications and future directions" *International Journal of Vehicular Telematics and Infotainment Systems*, 2017

15. VG Menon, **PJ Prathap** "Moving from vehicular cloud computing to vehicular fog computing: Issues and challenges" *International Journal on Computer Science and Engineering* 9 (2), 14-18, 2017