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Area of Specialization : **Network Security, Machine Learning**

Publication:

1. **K. Jayakumar** et al., "Intrusion detection using artificial neural networks (ANN) with best set of features" International Arab Journal of Information Technology, vol. 12, no. 6A, pp. 728-734, 2015. (Scopus/ SCI Impact Factor – 0.724)
2. **K. Jayakumar** et al., "Fusion of Heterogeneous Intrusion Detection Systems for Network Attack Detection", Scientific World Journal, 2015, Article ID 314601. (Scopus/ SCI Impact Factor – 1.22)
3. **K. Jayakumar** et al. "A Hybrid Feature selection algorithm using Information Gain and Weighted Dempster Shafer Evidence Theory" Journal of Advance Research in Dynamical & Control Systems, Vol. 10, 13-special Issue, pp. 1884-1891, 2018. (Scopus)
4. **K. Jayakumar** et al. "Weblog and Retail Industries Analysis using a robust modified Apriori algorithm" International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue-6, pp. 1727-1733, April 2019. (Scopus)
5. **K. Jayakumar** et al. "Predicting User Intent from Movie Reviews Using Deep Learning Methods" International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue-6, pp. 386-390, April 2019. (Scopus)
6. **K. Jayakumar** et al. "Patient Health Informatics System using Cloud computing and IoT" International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue-7, pp. 2162-2165, May 2019. (Scopus)
7. **K. Jayakumar** et al. "Parallel and Serial Graph Coloring Parallel and Serial Graph Coloring Parallel and Serial Graph Coloring" International Journal of Recent Technology and Engineering, Volume-8 Issue-2, pp. 1050-1056, July 2019. (Scopus)
8. **K. Jayakumar** et al. "Surveillance Camera using Face Recognition for Automatic Attendance Feeder and Energy Conservation in Classroom" International Journal of Recent Technology and Engineering, Volume-8 Issue-4, pp. 3222- 3225, November 2019. (Scopus)

9. **K. Jayakumar** et al. "Realizing a Novel Friction Stir Processing-Enabled FWTPET Process for Strength Enhancement Using Firefly and PSO Methods", *Materials*, February 2020, 13, 728; doi: 10.3390/ma13030728. (Scopus/ SCI Impact Factor – 3.02)
10. **K. Jayakumar** et al. "Network attack detection using Weighted Dempster-Shafer evidence theory", *International Journal of Advanced Science and Technology*, 29(05), 3710 – 3720, April 2020. (Scopus)
11. **K Jayakumar** et al."Analyses and Modeling of Deep Learning Neural Networks for Sequence-to-Sequence Translation. *International Journal of Advanced Science and Technology*, 29(05), 3152 – 3159, 2020. (Scopus)