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JOURNAL(S) PUBLISHED

1. P Amudha, S Karthik, S Sivakumari, "A hybrid swarm intelligence algorithm for intrusion detection using significant features",The Scientific World Journal,2015.
2. P Amudha, S Karthik, S Sivakumari , "Intrusion detection based on core vector machine and ensemble classification methods", International Conference on Soft-Computing and Networks Security (ICSNS), Pages:1-5, 2015.
3. P Amudha, S Karthik, S Sivakumari, "An experimental analysis of hybrid classification approach for intrusion detection", Indian Journal of Science and Technology, Volume-9,Issue-13, Pages: 1-8, 2016.
4. R Praveena Priyadarsini, S Sivakumari, P Amudha, "Enhanced ℓ – Diversity Algorithm for Privacy Preserving Data Mining", Annual Convention of the Computer Society of India, Pages:14-23, Publisher

5. Springer, Singapore, 2016.

6. P Amudha, S Sivakumari, “Big data analytics using support vector machine”, International Conference on Soft-computing and Network Security (ICSNS), Pages:1-6, 2018.

7. B Marappa, MS Rudresha, RB Basavaraj, GP Darshan, B Daruka Prasad, SC Sharma, S Sivakumari, P Amudha, H Nagabhushana, “EGCG assisted Y2O3: Eu3+ nanopowders with 3D micro-architecture assemblies useful for latent finger print recognition and anti-counterfeiting applications”, Journal of Sensors and Actuators B: Chemical, Volume-264, Pages:426-439, 2018.

8. B Sabeena, S Sivakumari, P Amudha, “A technical survey on various machine learning approaches for Parkinson’s disease classification”, Source: Materials Today: Proceedings, Elsevier, 2020.

9. P Amudha, S Sivakumari, “Hybridization of Machine Learning Algorithm in Intrusion Detection System”, Handbook of Research on Machine and Deep Learning Applications for Cyber Security, Pages:150-175, Publisher-IGI Global, 2020.