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## **Publication:**

- M.Aramudhan et al." An optimal support vector machine based classification model for sentimental analysis of online product reviews "Future generation Computer Systems Volume 111, October 2020, Pages 234-240
- 2. Anusuya Kirubakaran; M. Aramudhan," A watchdog approach name-matching algorithm for big data risk Intellignce "International journal of Data Analysis Techniques and strategies Vol:10 No:3,2018 Inderscience publishers.
- R.K.Nadesh, M.Aramudhan "TRAM-based VM handover with dynamic scheduling for improved QoS of cloud environment "International Journal of Internet Technology and Secured Transactions, Vol. 8 No. 2,2018
- Chenni Kumaran J, Aramudhan .M A Survey on Resource Allocation Strategies in Cloud" International Journal of Reasoning-based Intelligent Systems 2018
- 5. M.Aramudhan M.Saravananan , "Priority based prediction mechanism for ranking providers in federated cloud architecture" cluster computing springer jan 2018.
- M. Satheesh, M. Aramudhan "Fault Tolerant and Risk Access Control Enabled Federated Cloud" International Journal of Scientific Research in computer Engineering and Information Technology, ISSN 2456-3307, Vol:3,2018.
- M. Satheesh, M.Aramudhan, "User Preference Selection Mechanism using Markov Chain for a Cloud Service Provider", IOSR journal of Engineering Vol 08, Issue 9 sep 2018 pp 38-43
- 8. M.Aramudhan, R.Sathya Bama Krishna, "Unsupervised Spectral Sparse Regression Feature Selection using Social Media Datasets", proceedings of ICIA-16, 2018 ISBN:978-1-4503-4756-3 ACM Digital library.
- Anusuya Kirubakaran, Aramudhan Murugaiyan "Partition Aware Duplicate Records
  Detection (PADRD) Methodology in Big Data Decision Support Systems" International
  Conference on Data science Analytics and Applications pp 86-98 2018

- 10. M.Aramudhan,Rajeshkannan," Mobile cloud governance service classification based on QoS performance evaluation "Electronic Government An International Journal Vol.13 No.2,2017 pp 148-167 Inderscience publishers
- 11. Mythili Boopathi, M.Aramudhan ," Secure Server -server communication for dual stage biometric based password authentication scheme" Alexandria Engineering journal Elsevier pp 1-10 2017
- 12. Boominathan, M.Aramudhan , "Fuzzy Bio-Inspired Hybrid Techniques for Server Consolidation and Virtual Machine Placement in Cloud Environment "Cybernetics and Information Technologies" nov 2017
- 13. M.Aramudhan,Rajeshkannan," Neural Based QoS aware Mobile Cloud Service and Its Application to Preeminent Service Selection using Back Propagation", International Journal of Healthcare Information Systems and Informatics,2017
- 14. Mythili Boopathi, M.Aramudhan ," Dual-Stage Biometrics-Based Password Authentication Scheme Using Smart Cards" Cybernetics and Systems, March 2017.
- 15. Boominathan, Perumal and Aramudhan Murugaiyan (2016). A Firey Colony and its Fuzzy Approach for Server Consolidation and Virtual Machine Placement in Cloud Datacenters, Journal of Advances in Fuzzy System, HINDAWI publishers, SCOPUS, THOMSON REUTERS, pp.1-15
- 16. M.Aramudhan, S. Suganthi, "Fuzzy based DDoS Attack Mitigation for Reducing False Positives in WLAN "International Journal of Mobile Network Design and Innovation, vol.6 No: 3,2016 Inderscience publisher
- 17. Boominathan, Perumal and Aramudhan Murugaiyan ,"A multi-objective fuzzy ant colony optimization algorithm for virtual machine placement" International Journal of Fuzzy System Applications (IJFSA)5(4),2016
- 18. M.Aramudhan, R.K.Nadesh, "MMSI: A Multi-ModeService Invocation AlgorithmTo Improve The Connectivity In Accessing Cloud Services In Heterogeneous Mobile " accepted to publish in International Journal of Advanced Intelligence Paradigms Strategies Inderscience publishers 2016
- 19. M.Aramudhan, K.Mohan "Broker based Trust Architecture for Federated Healthcare Cloud System" Autosoft Journal, Intelligent Automation & Soft Computing (Scopus, Web of Science indexed) Tayler and Francis, 2016 Impact factor 0.351 ISSN: 1079-8587
- 20. M.Aramudhan, R. Sathyabama Krishna," Prognostic classification of tumor cells using an Unsupervised model", Journal of Biomedical research, Medical journal (Annexure I)
- 21. M.Aramudhan, C. S Rajarajeswari," User Opinion and Differentiated Attribute based Ranking in Federated Cloud", Journal of Information Technology Research 2016 ISSN 1938-7857

- 22. M.Aramudhan, L.Aruna," Framework For Ranking Service Providers in Federated Cloud using Fuzzy Logic Sets" accepted in International Journal of Technology ISSN 2086-9614 2016 (SCI journal)
- 23. M.Aramudhan, Rajarajeswari, "Ranking Model for SLA Resource Provisioing Management "International journal on cloud applications, Issue 4(3) Aug 2014 pp 68-80 (Annexure-I).
- 24. M.Aramudhan, S.Vigneswari, "cross Multiple ontology for secure information Retrival system" Journal of Indian academy letters, Springer, June 2015(Annexure-I)
- 25. M.Aramudhan, K.Mohan," F-TEM: A Fuzzy based Trust Evaluation Model for Healthcare Applications in Cloud "Soft Computing for Medical Data and Satellite Image Analysis (special Issue), Journal IIOAB, 2016.
- 26. M.Aramudhan, R.K.Nadesh, "A Logistical Perspective on Provisioning Resources in Adhoc Virtual Cloud to access Business Modules for an Enterprise." accepted to publish International journal of Intelligent Enterprise Inderscience publishers vol 4 No ½, 2017