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1. **S. Muthurajkumar**, Data Storage and Retrieval with Deduplication in Secured Cloud Storage, International Journal of Engineering and Advanced Technology (IJEAT), Vol. 9, No. 1, pp. 609 – 615, October 2019.
2. **S. Muthurajkumar**, Secured Cloud Data Deduplication Using Tag Equality Testing, International Journal of Advances in Computer and Electronics Engineering (IJACEE), Vol. 4, No. 7, pp. 7-15, July 2019.
3. **S. Muthurajkumar**, Privacy Preservation Guidelines Based Substance Distribution in Public Clouds, i-manager's Journal on Cloud Computing, Vol. 6, No. 1, pp. 27-35, January – june 2019.
4. **S. Muthurajkumar**, Data Storing And Retrieval Method In Big Data Using Fuzzy Based Scalable Clustering Algorithms, International Journal of Engineering Technologies and Management Research (IJETMR), Vol. 6, No. 6, pp. 9 – 17, June 2019.
5. **S. Muthurajkumar**, Optimal Spatial Query Processing Algorithm in Cloud Databases, International Journal of Engineering Science and Computing, Vol. 9, No. 5, pp. 22630 – 22637, May 2019.
6. **S. Muthurajkumar**, A Secured Data Sharing Between Two Virtual Machines Using Temporal Chaining Triple DES Algorithm, International Journal of Advance and Innovative Research, Vol. 6, No. 1 (V): pp. 12 – 19, January - March 2019.
7. E. Nirmala, **S. Muthurajkumar**, Highly Secured Data Sharing and Storage of Cloud Using Attribute Based Encryption Technique, JETIR, Vol. 6, No. 1, pp. 119 – 126, January 2019.

2018

8. **S. Muthurajkumar**, S. Murugesan, A. Kannan, "Secured Storage for Cloud Based Relational Database Management Systems", Advances in Engineering Research (AER), Atlantis Press, vol. 142, International Conference for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM 2KJ8), Panimalar Engineering College, Chennai, Tamil Nadu, India, 9th & 10th Feb2K18, pp. 60-63, 2018.

9. D.Rukmani, **S.Muthurajkumar**, Forecast and Estimating of Electricity Consumption Using Big Data Analysis, Journal of Innovation in Science and Engineering Research, Vol. 2, No.1, pp. 491 – 497, March 2018.
10. D.Rukmani, **S.Muthurajkumar**, Prediction and Forecasting of Electricity Consumption Using Big Data, Vol. 10, No.1, pp. 082 – 185, March 2018.

2017

11. **S. Muthurajkumar**, M. Vijayalakshmi, S. Ganapathy, A. Kannan, “An Intelligent Secured and Energy Efficient Routing Algorithm for MANETs”, Wireless Personal Communications – Springer, Vol. 96, No. 2, pp. 1753-1769, 2017. (Annexure – I).
12. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, “Secured Data Storage and Retrieval Algorithm Using Map Reduce Techniques and Chaining Encryption in Cloud Databases”, Wireless Personal Communications – Springer, Vol. 96, No. 4, pp. 5621-5633, 2017. (Annexure – I).
13. **S. Muthurajkumar**, M. Vijayalakshmi, S. Ganapathy, A. Kannan, “Optimal and Energy Efficient Scheduling Techniques for Resource Management in Public Cloud Networks”, National Academy Science Letters – Springer, Vol. 41, No. 4, pp. 219 – 223, 2018. (Annexure – I).
14. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, "An Effective Data Storage Model for Cloud Databases using Temporal Data De-duplication Approach", 8th International Conference on Advanced Computing(ICoAC), IEEE Digital Library, pp. 42-45, 2017.

2016

15. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, Resource Allocation Between Temporal Cloud Database and User Using Access Control, ACM Digital Library, ICIA-16: Proceedings of the International Conference on Informatics and Analytics, Article No. 37, 2016.
16. **S. Muthurajkumar**, M. Vijayalakshmi, S. Ganapathy, K. Kulothungan, A. Kannan, "An Intelligent Energy Efficient Cluster based Routing Protocol for Wireless Sensor Networks", Transylvanian Review, Vol. 24, No. 6, 2016.
17. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, "Optimal Energy Efficient Scheduling in Public Cloud Networks", Asian Journal of Information Technology, Vol. 15, No. 9, pp. 1468-1471, 2016.
18. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, "Energy Efficient and Optimal Cloud Storage Algorithms for Temporal Query Processing in Cloud Databases", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 5, pp. 368-382, May 2016.
19. **Muthurajkumar, S**, Vijayalakshmi, M & Kannan, A 2016, ‘Dynamic Collaboration Between Cloud and User for Access Control’, National Conference on Intelligent Computing and Data Analytics, Anna University, Chennai, pp. 109-116.

2015

20. S. Muthurajkumar, S. Ganapathy, M. Vijayalakshmi, A. Kannan, "Agent based intelligent approach for the malware detection for infected cloud data storage files", 7th International Conference on Advanced Computing (ICoAC), IEEE Digital Library, pp: 1-5, 2015.
21. **Muthurajkumar Sannasy**, Vijayalakshmi Muthuswamy, Kannan Arputharaj, "Intelligent Trust Based Temporal Data Storage and Retrieval Methods for Cloud Databases", AENSI Journals in Advanced in Natural and Applied Sciences, 9(6) Special 2015, pp: 123 – 128, 2015. (Annexure – II)
22. **S.Muthurajkumar**, S. Ganapathy, M. Vijayalakshmi and A. Kannan, "Secured Temporal Log Management Techniques for Cloud", Procedia Computer Science (Elsevier), Vol. 46, pp: 589 – 595, 2015. (Scopus Indexed).
23. G. Ambikesh, **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, "Optimal Cloud Storage and Access Methods for Temporal Cloud Databases", Australian Journal of basic and Applied Sciences, 9(6) Special 2015, pp: 24 – 29, 2015. (Annexure – II)
24. **S.Muthurajkumar**, S. Ganapathy, M. Vijayalakshmi and A. Kannan, " An Effective Intrusion Detection on Cloud Virtual Machines Using Hybrid Feature Selection and Multiclass Classifier", AENSI Journals in Australian Journal of Basic and Applied Sciences, 9(6) Special 2015, pp: 38-41, 2015.
25. P. Indira Priya, A.Annapurni, S. Indira Gandhi, **S. Muthurajkumar**, M.Vijayalakshmi and A.Kannan, "Intelligent Classification Techniques for Effective Prevention of Inference Attacks in Online Social Networks", AENSI Journals in Australian Journal of Basic and Applied Sciences, 9(6) Special 2015, pp: 42-46, 2015.
26. Rakesh, R., **Muthurajkumar, S.**, SaiRamesh, L., Vijayalakshmi, M., Kannan A, "Detection of URL Based Attacks Using Reduced Feature Set and Modified C4.5 Algorithm", AENSI Journals in Advanced in Advances in Natural and Applied Sciences, 9(6) Special 2015, pp: 385-392, 2015.
27. **MUTHURAJKUMAR SANNASY**, VIJAYALAKSHMI MUTHUSWAMY, KANNAN ARPUTHARAJ, "Energy Optimal Cloud Storage and Access Methods for Temporal Cloud Databases", Advances in Software Engineering and Systems, pp: 131-137, 2015.

2014

28. **S. Muthurajkumar**, M. Vijayalakshmi, A. Kannan, "Intelligent Temporal Role Based Access Control for Data Storage in Cloud Database", 2014 Sixth International Conference on Advanced Computing(ICoAC), IEEE Digital Library, pp: 184-188, 2014.
29. **S. Muthurajkumar**, P. Indira Priya, M. Vijayalakshmi, S. Indira Gandhi, A. Kannan, " Intelligent Hybrid Cluster Based Classification Algorithm for Social Network Analysis", International Journal of Engineering and Technology (IJET), Vol. 6, No. 2, pp: 636 - 642, Apr-May 2014.

2013

- 30. S. Muthurajkumar**, K. Kulothungan, M.Vijayalakshmi, N.Jaisankar and A.Kannan, " A Rough Set based Feature Selection Algorithm for Effective Intrusion Detection in Cloud Model", Elsevier Proceedings of International Conference on Advances in Communication, Network, and Computing, pp: 8-13, 2013.
- 31. Sannasi Ganapathy***, Kanagasabai Kulothungan, **Sannasy Muthurajkumar**, Muthusamy Vijayalakshmi, Palanichamy Yogesh and Arputharaj Kannan," Intelligent Feature Selection and Classification Techniques for Intrusion Detection in Networks:a Survey", EURASIP Journal on Wireless Communications and Networking 2013, 2013:271.pp: 1-16, 2013. (Annexure – I).