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Area of Specialization: Cloud Computing, Big Data, Mining, Distributed Computing

List of Publications:

1. Dr.B.Arunkumar, Shahul Hammed.S, A cost effective- secure algorithm for work-flow scheduling in cloud computing, Internet Technology Letters-Wiley, August 2020, DOI: 10.1002/itl2.233. SCI
2. Dr.B.Arunkumar, D.Sudharson, A Novel Approach for Boundary Line Detection using IOT During Tennis Matches, Advancement of Electrical, Information and Communication Technologies for Life Application, volume 13, issue no.4, page no. 243-246, July 2020.SCI
3. Dr.B.Arunkumar,Vijayalakshmi Y, Prasannavenkatesan G.K.D,Extracting Text Features Using Learning-To-Rank-Methods From The Perspective Of Information Retrieval, International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020, SCOPUS
4. Dr.B.Arunkumar,Vijayalakshmi Y, Prasannavenkatesan G.K.D, Expanding queries in the information retrieval system using stemming approach, International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020, SCOPUS
5. Dr.B.Arun kumar,Vijay S.A.A, Kumar K.S, Spectral analysis based differentiationfor EEG signals of children with autism, Journal of Critical Reviews, 2020, SCOPUS

6. Dr.B.Arun kumar,Rasmi. A, Anees V.M,A Comprehensive Review of Digital Data Hiding Techniques, Pattern Recognition and Image Analysis, 2019, SCOPUS
7. Dr.B.Arun kumar, Arul Antran Vijay.S, Mayilvelkumar,P, A comparative study on video streaming techniques, Journal of Advanced Research in Dynamical and Control Systems, 2019, SCOPUS
8. Dr.B.Arunkumar, Shahul Hammed.S, Efficient Workflow Scheduling in Cloud Computing for Security Maintenance of Sensitive Data, International Journal of Communication Systems, November 2019. SCI/Web of Science
9. Dr.B.Arunkumar, Laxmi Raja,A Comparative Study of Various Artificial Neural Network Classifier for EEG Based Autism Spectrum Disorder Diagnosis, Journal of Advanced Research in Dynamical and Control System, Vol. 11, issue no. 01, 2019.SCOPUS
10. Dr.B.Arunkumar, Shahul Hammed S, A Review of Tamil Epigraphy Data Analysis Through Machine Learning,Karpagam Journal of Computer Science, Vol. 13, issue 2, 2019.
11. Dr.B.Arunkumar, Ranjith. C,An Improved Elman neural network based stress detection from EEG signals and reduction of stress using music, International Journal of Engineering Research and Technology, 2019. SCOPUS
12. Dr.B.Arunkumar, Jawharali. B.S, Efficient human stress level prediction and prevention using neural network learning through EEG signals, International Journal of Engineering Research and Technology, 2019.SCOPUS
13. Dr.B.Arunkumar, Rasmi.A, Neural Networks Based Sorting Order for Reversible Data Hiding in Pixel Prediction Error, Optical Memory and Neural Networks, Vol 27, issue no. 4, pp 260-271, 2018.SCOPUS
14. B. Arunkumar, G. Kiruthiga, Prediction of power generation and power consumption in the region of Tamil Nadu, Karpagam Journal of Computer Science, Vol,12 Issue 4 May- June 2018/Pg No:133-138.
15. Dr.B.Arunkumar, Ranjeet V. Powar,Massive Volume of Unstructured Data and Storage Space Optimization- a Review, International Journal of Engineering & Technology, Vol , 7 (3.27) & Page No 252-

257, 2018.SCOPUS

16. Dr.B.Arunkumar, Jyoti Narayan Jadhav, Web page recommendation system using laplace correction dependent probability and chronological Dragonfly- Based clustering, International Journal of Engineering & Technology, Vol , 7 (3.27) 290-302. 2018.SCOPUS

17. Dr.B.Arunkumar, Ranjeet V. Powar, Adaptive grey wolf optimization- based clustering for file De-Duplication and storage optimization of Unstructured data, Jour of Adv Research in Dynamical & control systems, Vol.10,11-special issue, 2018.SCOPUS

18. Dr.B.Arunkumar, Rasmi.A, Edge Aware Histogram Modification for High Capacity

Reversible Data Hiding, International Journal of Pure and Applied Mathematics, Vol 119 No. 18 2018, 1879-1888. SCOPUS

19. B.Arunkumar, M.Kalaiselvi, 2017, Mixed Batch and Transactional Workloads for Cloud Computing Job, International Journal of Computer Applications, Volume 166 No 4, Pages 1-5.

20. B. Arunkumar, M. Kesavamoorthi, Task Scheduling and Seedblock Based Fault Tolerance in Cloud, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 6 (2016) pp 4428-4432. SCOPUS

21. B.Arunkumar, IEQGOR to Increase Quality of Service in Wireless Sensor Networks, International Journal of Innovative in Computer and Communication Engineering, Vol 3, Issue 2, Feb 2015.

22. B.Arunkumar, Security Enforcement with Cost Assessment for Cloud Data, International Journal of Innovative in Computer and Communication Engineering, Vol 3, Issue 2, Feb 2015.

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24. B.Arunkumar and T.Ravichandran. Article: A Survey on Determining the Characteristics of Deadlock, Scheduling and Workflow Instances and Providing New Algorithms for the Issues Arising in Hybrid Cloud. International Journal of Computer Applications 110(14):26-29, January 2015.

25. B.Arunkumar, T.Ravichandran, Scheduling Multiple Workflow Using De-De Dodging Algorithm and PBD Algorithm in Cloud: Detailed Study, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:4, 2015.
26. Mr.B.Arunkumar, De-De Dodging Algorithm for Scheduling Multiple Workflows in Hybrid Clouds, International Journal of Computer applications, Vol-79 No-15, Pg no-5-9, 2014.
27. Mr.B.Arunkumar, Time and Cost Optimization Algorithm for Scheduling Multiple Work Flows in Hybrid Cloud, European Journal of Scientific Research , Vol-89 No-2, Pg no-265-275, 2014.