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Publications

1. Dr.D.Prabha, M.G.Dinesh, Analysis of breast cancer images/data set based on procedure codes and exam reasons, In: Smys S., Iliyasu A.M., Bestak R., Shi F. (eds) New Trends in Computational Vision and Bio-inspired Computing. pp 1317-1324 ICCVBIC 2018. Springer, Cham. https://doi.org/10.1007/978-3-030-41862-5_134. First Online 28 September 2020. Online ISBN 978-3-030-41862-5
2. Sudharson D , Prabha, Improved EM algorithm in software reliability growth models, International Journal of Powertrains, Inderscience publishers, Print ISSN: 1742-4267 Online ISSN: 1742-4275, Volume 9, Issue 3, pp. 186–199, scopus indexed, Published online 7 September 2020, <https://doi.org/10.1504/IJPT.2020.109662>
3. R.Siva Subramanian, Dr.D.Prabha, Optimizing Naïve Bayes Probability Estimation In Customer Analysis Using Hybrid Variable Selection, 3rd International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT – 2020) Springer Conference, 23 & 24 July 2020.
4. Prabha D, Anindhitha A, Archana A, Balaji Narasimhan M. V. L ., Predicting House Price Values Using Linear Regression with Ridge Regularization Approach, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, (2020) Special Issue, pp. 5489-5495 Published: 2020-05-02
5. Sudharson D , Prabha, Hybrid software reliability model with Pareto distribution and ant colony optimization (PD–ACO), International Journal of Intelligent Unmanned Systems, Emerald Publishing Limited, ISSN: 2049-6427, Vol. 8 No. 2, pp. 129-140. <https://doi.org/10.1108/IJIUS-09-2019-0052>
6. R.Siva subramanian, D.Prabha, Customer behavior analysis using Naïve Bayes with bagging homogeneous feature selection approach, Journal of Ambient Intelligence and Humanized Computing, ISSN 1868-5137, Published online : 22 April 2020, impact factor - 4.594 <https://doi.org/10.1007/s12652-020-01961-9>
7. A.Pushpalatha,D.Prabha,S.Sudhakar, V.P.Sriram,P.KevinMario Gerard,S.Sanjay, A Study Of Detecting Malicious URL Using Convnet, International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020, pp.752 -755.
8. K. Sangeetha, D. Prabha, Sentiment analysis of student feedback using multi-head attention fusion model of word and context embedding for LSTM, Journal of Ambient Intelligence and Humanized Computing, ISSN 1868-5137, Published online : 14 March 2020, impact factor - 4.594. <https://doi.org/10.1007/s12652-020-01791-9>
9. Manivanan Pachippan, Prabha Dhandayudam, Balasubramanian Kannan, Artificial Intelligence Databases: Turn On Big Data of the SMBs, International Journal of Business Information Systems, DOI: 10.1504/IJBIS.2020.10024983
10. Dr.Ilango Krishnamurthi, D. Prabha, M.S. Karthika, IoT-based smart mirror for health monitoring, Elsevier book, Systems Simulation and Modeling for Cloud Computing and Big Data

Applications, chapter 7, pp.115-121, Published Date: 27th February 2020. DOI: 10.1016/B978-0-12-819779-0.00007-1

11. R.Siva subramanian, D.Prabha, Customer Behavior Analysis using Weighted Selective Naive Bayesian, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075 (Online), Volume-9 Issue-4, February 2020, Page No. 1110-1115. DOI: 10.35940/ijitee.D1636.029420

12. K.Devipriya, D.Prabha, V.Pirya, S.Sudhakar, Deep Learning Sentiment Analysis For Recommendations In Social Applications, International Journal of Scientific & Technology Research Volume 9, Issue 01, January 2020.

13. Sudharson, D., Prabha, D. A novel machine learning approach for software reliability growth modelling with pareto distribution function, Soft Computing, Springer Publisher, (Web of science), online - May 2019, Vol. 23, pp. 8379-8387 Sep 2019. <https://doi.org/10.1007/s00500-019-04047-7>. Impact factor - 3.050

14. Prabha, D., Manivannan, P., Balasubramanian, K, Deep neural network: Recognize data management of artificial intelligence in retail, International Journal of Innovative Technology and Exploring Engineering, (IJITEE), ISSN: 2278-3075, Volume-8 Issue-10, August 2019, pp. no. 3594 – 3596. DOI: 10.35940/ijitee.J9779.0881019

15. Prabha, D., Siva Subramanian, R., Balakrishnan, S., Karpagam, M, Performance evaluation of naive bayes classifier with and without filter based feature selection, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-10, August 2019, pp. no. 2154 – 2158. DOI: 10.35940/ijitee.J9376.0881019

16. M. Karpagam, V. R Balaji, D. Prabha, Optimal Resource Scheduler for LTE A Based Networks, International Journal of Recent Technology and Engineering (IJRTE), ISSN 2277-3878, Volume-8 Issue-2, pp. 2270 – 2273, July 2019.

17. M. Karpagam, D. Prabha, Underwater Wireless Sensor Network Based Marine Environment Monitoring System, International Journal of Oceans and Oceanography, ISSN 0973-2667 Volume 13, Number 2 (2019), pp. 269-276.

18. D. Prabha, M. S. Karthika, P. Manivanan, Cloud based health monitoring and abnormality detection using smart mirror, Indian Journal of Science and Technology, (Web of science), Print ISSN : 0974-6846, Online ISSN : 0974-5645, Volume 12, Issue 8, February 2019.

19. Dr.D.Prabha, S.Balaji, R.Ajay, Ranking Based Location Aware Business Recommender System, Advances in Engineering of International Conference on Advances in Cyber Security (AceS), Park Royal Hotel, Penang, Malaysia, July 30 – Aug 1, 2019.

20. Dr.Ilango Krishnamurthy, Dr.D.Prabha, Karthika M S, IoT based smart mirror for health monitoring, International Conference on Artificial Intelligence, Smart Grid and Smart City Applications(AISGSC), PSG College of Technology, Coimbatore, 3-5 January 2019.

21. Dr.D.Surendran, Dr.J.Janet, Dr.D.Prabha , Ms.E.Anisha, A Study on devices for assisting Alzheimer patients, Proceedings of the IEEE sponsored Second International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), 30-31 August 2018. DOI: [10.1109/I-SMAC.2018.8653658](https://doi.org/10.1109/I-SMAC.2018.8653658)

22. D.Prabha, R. Siva Subramanian, Prediction of customer behaviour analysis using classification algorithms, Second International Conference on Modern Technologies in Engineering and Science 18th & 19th August 2017, AIP Conference Proceedings, American Institute of Physics Volume 1952, Issue 1, 2018.

23. Devipriya, K, B. Persis Urbana Ivy, Prabha, D, An efficient collaborative approach for black hole attack discovery and mitigating its impact in MANET, Second International Conference on

Modern Technologies in Engineering and Science 18th & 19th August 2017, AIP Conference Proceedings, American Institute of Physics, Volume 1952, Issue 1, 2018.

24. K.Devipriya, D.Prabha, Deep learning techniques for sentiment analysis, International Journal of Pure and Applied Mathematics, Volume 119 No. 17, pp. 347-354, 2018 Impact factor: 0.23

25. Dr. D. Prabha, K. Sangeetha, V.R. Yazhini and S. Sharanyaa, Study of Views and Perception of Engineering Graduates in Social Networking Sites to Enlarge the Quality of Education, ISSN 1943-023X, 12-Special Issue, page no. 1084 - 1089, Journal of Advanced Research in Dynamical and Control Systems. Impact factor : 0.22

26. B. Persis Urbana Ivy, A.Priya , D.Prabha, K.Devipriya, Prediction of student academic performance using statistical graph model, International Journal of Pure and Applied Mathematics, Volume 119 No. 12, pp. 597-605, 2018 Impact factor : 0.23

27. D.Prabha, P.Manivanan, K.Devipriya, Ms. A.Priya, Business Enterprise and Big Data: Evolving Database Challenges and approaches, International Journal of Pure and Applied Mathematics, Volume 119 No. 12, pp. 627-636, 2018 Impact factor : 0.23

23. K.Devipriya, D.Prabha, Sophia.B, B. Persis Urbana Ivy, A Survey on deep learning based recommender system using sentiment analysis, International Journal of Pure and Applied Mathematics, Volume 119 No. 12, pp. 653-661, 2018 Impact factor : 0.23

29. Sophia.B, K.Devipriya, D.Prabha, Chitra D, Review of recent trends in Intelligent Systems using Deep Learning, International Journal of Pure and Applied Mathematics, Volume 119 No. 12, pp. 807-812, 2018 Impact factor : 0.23

30. Mr.Sudarson, Dr D Prabha, A Review on the prominent factors of software testing for optimized output through data analytics, International Journal of Pure and Applied Mathematics, Volume 115, No. 6, pp. 95-106, 2017 Impact factor : 0.23

31. K.Akila, J. Priya, Dr.D. Prabha, Potential of Big Data Analytics in Health Care - A Survey, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), vol. 4, issue 22, pp. 42 – 47, December 2017

32. Sharadha Murugappan, Dr.D.Prabha, Requirement Traceability for Software Development Lifecycle, International Journal of Scientific & Engineering Research, pp. 1 – 11, Volume 8, Issue 5, May 2017, ISSN 2229-5518.

33. Kowsalya.B, Nandhini Priya.B, Rifana Karim, Dr.Prabha An Adaptive Reputation for Exploring Product Services, International Journal of Scientific & Engineering Research, pp.103 – 109, Volume 8, Issue 5, May 2017, ISSN 2229-5518.

34. K.Gaja Lakshmi, Dr.D.Prabha, Clustering Big Data using Normalization Based K-means Algorithm, International Journal of Computer Science and Mobile Computing, Volume 5, Issue 3, pp. 682 – 687, March 2016, ISSN 2320–088X.

35. R.Prakash, Dr.D.Prabha, FIN Algorithm for Generating Frequent Itemset in Big Data, Journal of Advanced Computing and Communication Technologies (ISSN: 2347 - 2804), Volume No.4 Issue No.3. pp. 58 – 61, July 2016

36. Prakash R, Dr. D. Prabha, Generating frequent item set in big data using FIN algorithm, International Journal on Scientific and Engineering Research, 2229-5518(online), Vol. 7, Issue. 3, pp. 55-58, March 2016.

37. Kavitha G, UG Scholar, Dr. D.Prabha, Associate Professor, Clinical data analysis in big data using hadoop, International Journal of Scientific and Engineering Research, ISSN: 2229-5518, Vol. 6, Issue.5, pp. 24-27, May 2015.