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List of Publications (Past 5 years):

1. P Vasuki, Chandrabose Aravindan (2020), 'Hierarchical classifier design for speech emotion recognition in the mixed-cultural environment', ournal of Experimental & Theoretical Artificial Intelligence, pp: 1-16
2. S Kayalvizhi, D Thenmozhi, B Senthil Kumar, Chandrabose Aravindan (2019), 'SSN_NLP@ IDAT-FIRE-2019: Irony Detection in Arabic Tweets using Deep Learning and Features-based Approaches' , FIRE (Working Notes), pp: 439-444
3. Palaniappan Mirunalini, Chandrabose Aravindan, SM Jaisakthi (2019), 'Automatic stenosis detection using SVM from CTA projection images', Multimedia Systems, Vol 25(2), pp:83 – 93
4. SM Jaisakthi, Palaniappan Mirunalini, Chandrabose Aravindan (2019), 'Coral Reef Annotation and Localization using Faster R-CNN', CLEF (Working Notes)
5. Palaniappan Mirunalini, Chandrabose Aravindan, A Thamizh Nambi, S Poorvaja, V Pooja Priya (2019), 'Segmentation of Coronary Arteries from CTA axial slices using Deep Learning techniques', TENCON 2019-2019 IEEE Region 10 Conference (TENCON), pp: 2074-2080
6. D Thenmozhi, Srinethe Sharavanan, Aravindan Chandrabose (2019), 'SSN_NLP at SemEval-2019 Task 6: Offensive Language Identification in Social Media using Traditional and Deep Machine Learning Approaches', Proceedings of the 13th International Workshop on Semantic Evaluation, pp: 739-744
7. S Kayalvizhi, D Thenmozhi, Chandrabose Aravindan (2019), 'Legal Assistance using Word Embeddings.', FIRE (Working Notes), pp: 36-39
8. R Rajalakshmi, Joel Raymann, Aneesh Prabu, Chandrabose Aravindan (2019), 'Deep URL: design of adult URL classifier using deep neural network', Proceedings of the International Conference on Advanced Information Science and System, pp: 1-5
9. D Thenmozhi, Aravindan Chandrabose, Srinethe Sharavanan (2019), 'SSN_NLP at SemEval-2019 Task 3: Contextual Emotion Identification from Textual Conversation using Seq2Seq Deep

Neural Network' , Proceedings of the 13th International Workshop on Semantic Evaluation, PP: 318-323
10. Akshaya Ranganathan, Haritha Ananthakrishnan, D Thenmozhi, Chandrabose Aravindan (2019), 'Classification of Insincere Questions using SGD Optimization and SVM Classifiers.', FIRE (Working Notes), PP: 463-467
11. Haritha Ananthakrishnan, Akshaya Ranganathan, D Thenmozhi, Chandrabose Aravindan (2019), 'Arabic Author Profiling and Deception Detection using Traditional Learning Methodologies with Word Embedding', FIRE (Working Notes), PP:100-104
12. Akshaya Ranganathan, A Haritha, D Thenmozhi, Chandrabose Aravindan (2019), 'Early Detection of Anorexia using RNN-LSTM and SVM Classifiers', CLEF (Working Notes),
13. S Kayalvizhi, D Thenmozhi, Chandrabose Aravindan (2019), 'Deep Learning Approach for Semantic Indexing of Animal Experiments Summaries in German'
14. D Thenmozhi, Chandrabose Aravindan, Abishek Shyamsunder, Adithya Viswanathan, Akash Kumar Pujari (2019), 'Extracting Protests from News Using LSTM models with different Attention Mechanisms', CLEF (Working Notes)
15. Chandrabose Aravindan, SM Jaisakthi (2019),' Species Recommendation using Machine Learning-GeoLifeCLEF 2019'
16. D. Thenmozhi, B. Senthil Kumar, Chandrabose Aravindan (2018), 'SSN_NLP@IECSIL-FIRE-2018: Deep Learning Approach to Named Entity Recognition and Relation Extraction for Conversational Systems in Indian Languages', FIRE 2018 Working Notes, Vol 2266, pp: 187--201
17. R Rajalakshmi, Chandrabose Aravindan (2018), 'A Naive Bayes approach for URL classification with supervised feature selection and rejection framework' Computational Intelligence, Vol 34(1), pp:363-396
18. Seetharani Murugaiyan Jaisakthi, Palaniappan Mirunalini, Chandrabose Aravindan (2018), 'Automated skin lesion segmentation of dermoscopic images using GrabCut and k-means algorithms', IET Computer Vision, Vol 12(8), pp:1088-1095
19. R Rajalakshmi, Chandrabose Aravindan (2018), 'An effective and discriminative feature learning for URL based web page classification', IEEE International Conference on Systems, Man, and Cybernetics (SMC),pp: 1374-1379
20. D Thenmozhi, Chandrabose Aravindan (2018), 'Ontology-based Tamil–English cross-lingual information retrieval system', Sādhanā, Vol 43(10), pp:157
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22. D. Thenmozhi, A. Kalaivani, Chandrabose Aravindan (2018), 'Multi-lingual Author Profiling on SMS Messages using Machine Learning Approach with Statistical Feature Selection', FIRE 2018 Working Notes, Vol 2266, pp: 223—231, http://ceur-ws.org/Vol-2266/T4-3.pdf
23. D Thenmozhi, S Kayalvizhi, Chandrabose Aravindan (2018), 'A Machine Learning Approach to Indian Native Language Identification', FIRE 2018 Working Notes, Vol 2266, pp: 68 - 76

24. Nithish B. Moudhgalya, S. Sharan Sundar, Siddharth Divi, P. Mirunalini, Chandrabose Aravindan, S. M. Jaisakthi (2018), 'Convolutional Long Short-Term Memory Neural Networks for Hierarchical Species Prediction', CLEF 2018 Working Notes, Vol 2125, http://ceur-ws.org/Vol-2125/paper_184.pdf
25. D Thenmozhi, Chandrabose Aravindan (2018), 'RCE-OIE: Open Information Extraction Using a Rule-Based Clause Extraction Engine for Semantic Applications', Recent Findings in Intelligent Computing Techniques, pp: 191-198
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28. D. Thenmozi, Kawshik Kannan, Chandrabose Aravindan (2017), 'SSN_NLP@INLI-FIRE-2017: A Neural Network Approach to Indian Native Language Identification', FIRE 2017 Working Notes, Vol 2036, pp: 113—114, http://ceur-ws.org/Vol-2036/T4-4.pdf
29. D Thenmozhi, Palaniappan Mirunalini, Chandrabose Aravindan (2016), 'Decision Tree Approach for Consumer Health Information Search.', FIRE (Working Notes), pp: 221-225
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31. J Bhuvana, Chandrabose Aravindan (2016),' 'Memetic algorithm with Preferential Local Search using adaptive weights for multi-objective optimization problems', Soft Computing, Vol 20 (4), pp:1365-1388
32. D Thenmozhi, Chandrabose Aravindan (2016),' An automatic and clause-based approach to learn relations for ontologies', The Computer Journal, Vol 59(6) , pp: 889-907
33. D Thenmozhi, Chandrabose Aravindan, (2016), 'Paraphrase identification by using clause-based similarity features and machine translation metrics', The Computer Journal, Vol 59(9), pp: 1289-1302
34. A Ramakalyan, A Sivakumar, C Aravindan, K Kannan, V Swaminathan, D Sarala (2016), 'Development of KSVGRNN: A hybrid soft computing technique for estimation of boiler flue gas components', Journal of Industrial Information Integration, Vol 4, pp: 42-51
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