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## List Of Publications

1) Jaisakthi, S. M., P. Mirunalini, and Chandrabose Aravindan. "Coral reef annotation and localization using faster r-cnns." Volume 2380 (2019): 9-12.

2) Aravindan, Chandrabose, and S. M. Jaisakthi. "Species Recommendation using Machine Learning-GeoLifeCLEF 2019." (2019).

3) Richard AJ, Rose JS, Korah S, Keziah M, Arambhan S, Arthi A, Jaisakthi SM, Vijayarajan V. Quantification of corneal transparency in post -mortem human corneas using laser scatter mortem human corneas using laser scatter image analysis. Clinical and Experimental Optometry. 2019 Mar. DOI: 10.1111/cxo.12898

4) Jaisakthi, S. M., et al. "Customer Churn Prediction Using Stochastic Gradient Boosting Technique." Journal of Computational and Theoretical Nanoscience 15.6-7 (2018): 2410-2414.

5) Anandhakrishnan, T., and S. M. Jaisakthi. "Internet of Things in Agriculture-Survey." Journal of Computational and Theoretical Nanoscience 15.6-7 (2018): 2405-2409.

6) Raj, Ayush, and S. M. Jaisakthi. "Analysis of Brain Wave Due to Stimulus Using EEG." 2018 International Conference on Computer, Communication, and Signal Processing (ICCCSP). IEEE, 2018.

7) Nithish B Moudhgalya, Sharan Sundar S, Siddharth Divi, P Mirunalini, Chandrabose Aravindan, S. M. Jaisakthi, " Convolutional Long Short-Term Memory Neural Networks for Hierarchical Species Prediction" , Working Notes of CLEF 2018, 2825, 1-9.

8) Jaisakthi, Seetharani Murugaiyan; Mirunalini, Palaniappan; Aravindan, Chandrabose: 'Automated skin lesion segmentation of dermoscopic images using GrabCut and k-means algorithms', IET Computer Vision, 2018, DOI: 10.1049/iet-cvi.2018.5289

9) Mirunalini, P., Chandrabose Aravindan, and S. M. Jaisakthi. "Automatic stenosis detection using SVM from CTA projection images." Multimedia Systems (2017): 1-11.

10) P. Mirunalini, S. M. Jaisakthi and R. Sujana, "Tracking of object in occluded and non-occluded environment using SIFT and Kalman filter," TENCON 2017 - 2017 IEEE Region 10 Conference, Penang, 2017, pp.1290-1295. doi: 10.1109/TENCON.2017.8228056.

11) S.M. Jaisakthi, Chandrabose Aravindan, P. Mirunalini, “Automatic Skin Lesion Segmentation using Semi-supervised Learning Technique”. ArXiv preprint arXiv: 1703.04301(2017).

12) Mirunalini, P., Chandrabose Aravindan, Vignesh Gokul, S.M. Jaisakthi, “Deep Learning for Skin Lesion Classification”, Arxiv preprint arXiv : 1703.04364 (2017).

13) S.M. Jaisakthi, P. Mirunalini,Rutuja Jadhav, “Automatic Whale Matching System using Feature Descriptor”. CLEF (Working Notes)2017.

14) S. Mohanavalli, S. M. Jaisakthi, and Chandrabose Aravindan, “Automatic Scale Parameter in Affinity Matrix Construction for Improved Spectral Clustering ”, International Journal of Pattern Recognition and Artificial Intelligence, World Scientific Publishing Company , Vol.30, Issue 10, December 2016. Impact Factor : 0.88.

15) Geraldine Bessie Amali. D, V. Vijayarajan, S. M. Jaisakthi, and Prayagraj Pravinchandra Dedaniya, “Developing a Semantic Web Based Search Using Ontology Classification”, International of Engineering and Technology, Vol 8, Issue 3, Page : 18978-18988 , September 2016.

16) S. Mohanavalli, S. M. Jaisakthi, “ A Precise Distance Metric for Mixed Data Clusteringusing Chi-Square Statistics”, Research Journal of Applied Sciences, Engineering and Technology, Vol. 10 (12) : 1441-1444. Impact Factor : 0.28.

17) P. Mirunalini and S. M. Jaisakthi, “3D Coronary Artery Reconstruction using SVM ”, Research Journal of Applied Sciences, Engineering and Technology, Maxwell Publications.

18) S. M Jaisakthi and S. Mohanavalli, “Skin Segmentation using Ensemble Technique ”, Research Journal of Applied Sciences, Engineering and Technology, vol. No. 9, Issue 11, April 2015. Impact Factor : 0.28.