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List of Publications (Last Five Years):

1. Kumari, S. A., & **Srinivasan, S**. (2019). Ash fouling monitoring and soot-blow optimization for reheater in thermal power plant. *Applied Thermal Engineering*, *149*, 62-72.
2. Nageswararao, A. V., Babu, S. P., & **Srinivasan, S**. (2018). Segmentation of Short Axis CMR Images Using Hybrid Method. *Current Medical Imaging Reviews*, *14*(3), 461-467.
3. Vimalanathan, P., Venkateshwaran, N., **Srinivasan, S**. P., Santhanam, V., & Rajesh, M. (2018). Impact of surface adaptation and Acacia nilotica biofiller on static and dynamic properties of sisal fiber composite. *International journal of polymer analysis and characterization*, *23*(2), 99-112.
4. Nageswararao, A. V., **Srinivasan, S**., & Priya, E. (2018). Inhomogeneity correction and hybrid-based segmentation in cardiac MRI. *International Journal of Biomedical Engineering and Technology*, *28*(4), 349-365.
5. Sivathanu, A. K., & **Subramanian, S**. (2018). Extended Kalman filter for fouling detection in thermal power plant reheater. *Control Engineering Practice*, *73*, 91-99.
6. Priya, E., & **Subramanian, S**. (2018). Automated Method of Analysing Sputum Smear Tuberculosis Images Using Multifractal Approach: Automated Analysis of Sputum Smear Tuberculosis Images. In *Biomedical Signal and Image Processing in Patient Care* (pp. 184-215). IGI Global.
7. Kumari, S. A., & **Srinivasan, S**. (2017, September). Optimal estimation based tube leak detection in a thermal power plant reheater. In *2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI)* (pp. 2694-2697). IEEE.
8. Kumari, S. A., & **Srinivasan, S**. (2017, September). NARX models for prediction of reheater fouling. In *2017 23rd International Conference on Automation and Computing (ICAC)* (pp. 1-4). IEEE.
9. Kumari, S. A., & **Srinivasan, S.** (2017, January). Estimation of reheater cleanliness factor based on Kalman filtering method in neural network training. In *2017 Trends in Industrial Measurement and Automation (TIMA)* (pp. 1-4). IEEE.
10. Nageswararao, A. V., & **Srinivasan, S.** (2017, January). A framework on automated ventricular analysis of CMR images. In *2017 Trends in Industrial Measurement and Automation (TIMA)* (pp. 1-6). IEEE.

11. Malathi, M., & **Srinivasan, S**. (2017). Classification of Ultrasoud Thyroid Nodule Using Feed Forward Neural Network. *Asian Journal of Research in Social Sciences and Humanities*, *7*(2), 475-482.
12. Priyaa, E., & **Srinivasanb, S**. (2017). Analysis of Tuberculosis Images Using Differential Evolutionary Extreme Learning Machines (DE-ELM). *Deep Learning for Image Processing Applications*, *31*, 111.
13. Prasanna Kumar, H., **Srinivasan, S.,** & Byrareddy, M. (2017). Analysis of Follicle Wall of Normal and Polycystic Ovaries. *Journal of Advanced Medical Sciences and Applied Technologies*, *3*(2), 69-76.
14. Nageswararao, A. V., **Srinivasan, S**., & Babu Peter, S. (2017). Automatic hybrid ventricular segmentation of short-axis cardiac MRI images.
15. Kumar, C. S., Arumugam, V., Sengottuvelusamy, R., Srinivasan, S., & Dhakal, H. N. (2017). Failure strength prediction of glass/epoxy composite laminates from acoustic emission parameters using artificial neural network. *Applied Acoustics*, *115*, 32-41.
16. Priya, E., & **Srinivasan, S**. (2016). Validation of non-uniform illumination correction techniques in microscopic digital TB images using image sharpness measures. *Int. J. Infect. Dis*, *45*(Supplement 1), 406.
17. Sivathanu, A. K., **Subramanian, S**., & Ramalingam, P. (2018). Detection of Ash Fouling in Thermal Power Plant. *National Academy Science Letters*, *41*(6), 369-373.
18. Priya, E., & Srinivasan, S. (2016). Automated object and image level classification of TB images using support vector neural network classifier. *Biocybernetics and Biomedical Engineering*, *36*(4), 670-678.
19. Priya, E., & **Srinivasan, S**. (2015). Separation of overlapping bacilli in microscopic digital TB images. *Biocybernetics and Biomedical Engineering*, *35*(2), 87-99.
20. Lavanya, N., Anand, G., & Srinivasan, S. (2015). FUZZY INFERENCE BASED LEAK ESTIMATION IN WATER PIPELINES SYSTEM. *ICTACT Journal on Soft Computing*, *5*(2).
21. Priya, E., & **Srinivasan, S**. (2015). Automated identification of tuberculosis objects in digital images using neural network and neuro fuzzy inference systems. *Journal of Medical Imaging and Health Informatics*, *5*(3), 506-512.
22. Kumar, H. P., & **Srinivasan, S.** (2015). Fast automatic segmentation of polycystic ovary in ultrasound images using improved Chan-Vase with Split-Bregman optimization. *Journal of Medical Imaging and Health Informatics*, *5*(1), 57-62.
23. Mythili, A., **Srinivasan, S**., Sujatha, C. M., Kavitha, G., & Ramakrishnan, S. (2014). Analysis of restrictive pulmonary function abnormality using spirometric investigations and QPSO feature selection. *International Journal of Biomedical Engineering and Technology*, *16*(3), 195-208.
24. Kumar, H. P., & **Srinivasan, S**. (2014, July). Segmentation of polycystic ovary in ultrasound images. In *Second International Conference on Current Trends In Engineering and Technology-ICCTET 2014* (pp. 237-240). IEEE.

25. Mythili, A., **Srinivasan, S**., Sujatha, C. M., & Ramakrishnan, S. (2014, May). Prediction of FEV 1 and FEV 6 in normal and obstructive abnormality using ELM regression and spirometric investigations. In *2014 International Conference on Informatics, Electronics & Vision (ICIEV)* (pp. 1-4). IEEE.