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LIST OF PUBLICATION

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*. 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 Ultrasound 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.