

DR. K. KAMALANAND

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1. V Rajinikanth, K Kamalanand, C Emmanuel, B Thayumanavan ,” Biomedical Signal and Image Examination with Entropy-Based Techniques”, CRC Press, 2020
2. S Arockia Sukanya, Krishnamurthy Kamalanand, B Thayumanavan, C Emmanuel, V Rajinikanth,” Time domain analysis on myoelectric activity of masseter muscles in resting and chewing conditions”, Network Modeling Analysis in Health Informatics and Bioinformatics, Vol. 9, Issue 1, pp. 1-8, 2020
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4. Kamalanand Krishnamurthy, Sujatha C Manoharan, Ramakrishnan Swaminathan,” A Jacobian approach for calculating the Lyapunov exponents of short time series using support vector regression”, Journal of Ambient Intelligence and Humanized Computing, Vol.11 , Issue 8, pp. 3329-3335, 2020
5. A Bakiya, K Kamalanand, S Arunmozhi, V Rajinikanth,” Frequency Domain Modelling of Interrelation between Dielectric and Viscoelastic Properties of Soft Tissues”, International Conference on System, Computation, Automation and Networking (ICSCAN), pp. 1-4, 2020
6. K Krishnamurthy, B Ambikapathy, A Kumar, L Britto,” Prediction of the transition from sub-exponential to the exponential transmission of SARS-CoV-2 and epidemic nowcasting for metro-zones: Experiences from Chennai-Metro-Merge”, JMIR Public Health and Surveillance, 2020
7. Venkatesan Rajinikanth, Seifedine Kadry, Krishnan Palani Thanaraj, Krishnamurthy Kamalanand, Sanghyun Seo, "Firefly-Algorithm Supported Scheme to Detect COVID-19 Lesion in Lung CT Scan Images using Shannon Entropy and Markov-Random-Field," arXiv preprint arXiv:2004.09239,2020
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10. Paramasivam Alagumariappan, Kamalanand Krishnamurthy, Sundravadivelu Kandiah, Emmanuel Cyril, V Rajinikanth,” Diagnosis of Type 2 Diabetes Using Electrogastrograms: Extraction and Genetic Algorithm–Based Selection of Informative Features”, JMIR Biomedical Engineering, Vol.5, Issue 1, pp. e20932, 2020
11. Kamalanand Krishnamurthy, Bakiya Ambikapathy, Ashwani Kumar, Lourduraj De Britto,” Prediction of the Transition From Subexponential to the Exponential Transmission of SARS-CoV-2 in Chennai, India: Epidemic Nowcasting”, JMIR public health and surveillance, Vol.6, Issue 3, pp. e21152, 2020
12. Paramasivam Alagumariappan, Kamalanand Krishnamurthy, Ponnuswamy Mannar Jawahar,” Selection of surface electrodes for electrogastrography and analysis of

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13. Bakiya Ambikapathy, Kamalanand Krishnamurthy,” Mathematical Modelling to Assess the Impact of Lockdown on COVID-19 Transmission in India: Model Development and Validation”, JMIR Public Health and Surveillance, Vol.6, Issue 2, pp. e19368, 2020
 14. V Rajinikanth, Nilanjan Dey, Suresh Chandra Satapathy, K Kamalanand,” Inspection of crop-weed image database using kapur’s entropy and spider monkey optimization”, Soft Computing for Problem Solving, pp. 405-414, 2020
 15. Nilanjan Dey, V Rajinikanth, Fuqian Shi, João Manuel RS Tavares, Luminita Moraru, K Arvind Karthik, Hong Lin, K Kamalanand, C Emmanuel,” Social-Group-Optimization based tumor evaluation tool for clinical brain MRI of Flair/diffusion-weighted modality”, Biocybernetics and Biomedical Engineering, Vol.39, Issue 3, pp. 843-856, 2019
 16. Kamalanand Krishnamurthy, Mannar J Ponnuswamy, " Entropy Measures for Medical Image Analysis," Current Bioinformatics, Vol.14, Issue 4, pp. 280-281, 2019
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 19. Arockia Sukanya, Kamalanand Krishnamurthy, “Thresholding Techniques for Dental Radiographic Images: A Comparative Study”, Computational Techniques for Dental Image Analysis, pp. 40-61, 2019
 20. Bakiya Ambikapathy, Kamalanand Kirshnamurthy, Rajinikanth Venkatesan, “Assessment of electromyograms using genetic algorithm and artificial neural networks”, Evolutionary Intelligence, pp. 1-11, 2018
 21. V.Subbian and S.Kanthalakshmi J.Kath Sasikumar Nandagopal, Senthil Kumar Masimalai, Kamalanand Krishnamurthyika, “Data Driven Modeling of In-Cylinder Pressure of a Dual Fuel Compression Ignition Engine Operated with Renewable Fuels Using State Space Approach”, SAE Technical Paper, Issue 2018-28-0022, 2018
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26. Paramasivam Alagumariappan, Kamalanand Krishnamurthy, Sundravadivelu Kandiah, Mannar Jawahar Ponnuswamy," Effect of electrode contact area on the information content of the recorded electrogastrograms: An analysis based on Rényi entropy and Teager-Kaiser Energy", *Polish Journal of Medical Physics and Engineering*, Vol.23, Issue 2, pp. 37-42, 2017
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