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<u>**List of Publications**</u>

1. Justin Varghese, Saudia Subash, **Kuttaiyur Palaniswamy Sridhar,**Narayanasamy, Venkattaramanujam Balaji, Gopalakrishnan Ashok Kumar, Adaptive Switching Interpolation Filter for Restoring Impulse Corrupted Digital, **IET** 2020

2. Justin Varghese, Saudia Subhash, Kamalraj Subramaniam, **KuttaiyurPalaniswamy Sridhar,** Adaptive Gaussian notch filter for removing periodic noise from digital images.**The Institution of Engineering and Technology 2020**

3. Rajendran T, **Sridhar KP**, Manimurugan S, Deepa S. Advanced algorithms for medical image processing. **Open Biomedical Engineering Journal**. 2019;13:102.

4. Rajendran T, **Sridhar KP**, Deepa S. Performance analysis of fuzzy multilayer support vector machine for epileptic seizure disorder classification using auto regression features. **The Open Biomedical Engineering Journal**. 2019 Dec 17;13(1).

5. Rajendran T, **Sridhar KP**. An overview of EEG seizure detection units and identifying their complexity-**A review. Curr Signal TransductTher**. 2019.

6. Medapati PK, Tejo Murthy PH, **Sridhar KP.** LAMSTAR: For IoT-based face recognition system to manage the safety factor in smart cities. **Transactions on Emerging Telecommunications Technologies.** 2019 Dec 8:e3843.

7. Baskar S, Shakeel PM, **Sridhar KP,**Kanimozhi R. Classification System for Lung Cancer Nodule Using Machine Learning Technique and CT Images. In2019 **International Conference on Communication and Electronics Systems (ICCES) 2019 Jul 17** (pp. 1957-1962). IEEE

8. Akash Selvakumar, **Sridhar Palanisamy**, Analysis of the effects of positive ions and boundary layer temperature at various hypersonic speeds on boundary layer density, **Journal of Emerging Investigators.2019**

9. S. Baskar, V. R. Sarma Dhulipala, P. Mohamed Shakeel, **K. P. Sridhar**, R. Kumar. Hybrid fuzzy based spearman rank correlation for cranial nerve palsy detection in MIoT environment. **SpringerLink-2019**

10. Febin Sheron P S,**K.P.Sridhar,** Improved Provoking Trustworthy Routing using Warning Packet Arising Algorithm In Wireless Ad Hoc Network. **International**

Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019.

11. P.S. Febin Sheron, **K.P. Sridhar,** S. Baskar, P. Mohamed Shakeel, A decentralized scalable security framework for end-to-end authentication of future IoT communication. **wiley**DOI: 10.1002/ett.3815-**2019.**

12. T. Rajendran and **K.P. Sridhar**, Epileptic seizure-classification using probabilistic neural network based on parametric features. **Journal of International Pharmaceutical Research,** ISSN: 1674-0440,**2019.**

13. **Sridhar K. P.**, Baskar S., Sharma Dhulipala V. R., Mohamed Shakeel P. and Kumar R., **(2019)**, 'Hybrid fuzzy based spearman rank correlation for cranial nerve palsy detection in MIoT environment', **Springer,** pp.1-12.

14. **Sridhar K. P.**, Baskar S., Mohamed Shakeel P. and Sharma Dhulipala V. R., **(2018)**, 'Developing brain abnormality recognize system using multi-objective pattern producing neural network', **Journal of Ambient Intelligence and Humanized Computing.**

15. Parthiban K., Pazhanivel K., Baskar S. and **Sridhar K. P.**, **(2018)**, 'Experimental analysis to reduce the emissions from exhaust of petrol engines using nano catalytic coating with heterogeneous nano structured sensor', **Sensor Letters,** Vol. 16, No.12, pp.931-937.

16. Bhaskar V. V., Lalitha V. V., Baskar S., **Sridhar K. P.**, Patanjali R., Ramakrishna Sharma K. and Sharma Dhulipala V. R., **(2018)**, 'Assessments of various hazardous gases, PM2.5 and PM10 concentrations in various cities of India at different mean cycles', **International Journal of Pure and Applied Mathematics**, Vol. 110, No.12, pp.16179-16192.

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19. Rajendran T. and **Sridhar K. P.**, **(2018)**, 'An overview of EEG seizure detection units and identifying their complexity – A review', **Current Signal Transduction Therapy**, Vol. 13, No.1, pp.1-9.

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21. Deepa S., Kamalraj S., and **Sridhar K. P.**, **(2018)**, 'Development of mobile adhoc network using leader selection algorithm', **International Journal of Engineering and Technology**, Vol. 6, No.2, pp.6-11.

22. Rajendran T. and **Sridhar K. P.**, **(2018)**, 'Epileptic seizure classification using feed forward neural network based on parametric features', **InternationalJournal of Pharmaceutical Research**, Vol. 10, No.4, pp.189-196.

23. Kamalraj Subramaniam, **Sridhar K. P.**, and Paulraj M. P., **(2016)**, 'Auditory evoked potentials-based detection of hearing threshold using pso neural network', special

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30. Rajendran T, **Sridhar KP.** Epileptic seizure-classification using probabilistic neural network based on parametric features. **J Int Pharma** Res. 2019;46(1):209-16.