

List of Publications

1. Prabha ravi and Krishnan J (2019), Image enhancement using medical image fusion with multiresolution cosine transform, Biological Cybernetics, Accepted for Publication.
2. Padmapriya K, Krishnan J and Malathi R (2018) Effect of L , T and N -type Calcium Channels in Retinal Ganglion cells , Materials Today, Elsevier , Vol. 5, pp 1929-1935
3. Natarajan M, Krishnan J and Malathi R (2017), Cardiac Abnormalities Analysis using Principle Component Analysis, International Journal of Cardiovascular Sciences, Vol 19,pp.5861-5868.
4. Natarajan M, Krishnan J and Malathi R (2017), ECG Classification By Integrating Principal Component Analysis, Neural Network And Particle Swarm Optimization, International Journal of Life Sciences, Vol 6,pp.744-750.
5. Prabha Ravi and J.Krishnan (2017), Analysis of MSVD with Image Enhancement Technique on Medical Image Fusion, International Journal of Allied Sciences, Vol 22, 2190-2197.
6. Prabha Ravi ,J.Krishnan and Naidu V P S (2016), Image Enhancement Of Medical Images Using Different Filtering Techniques In The Spatial And Frequency Domain: A Comparative Analysis, International Journal of Biological and Biomedical Sciences, Vol. 5, pp 70-74.
7. Prabha Ravi ,J.Krishnan and Naidu V P S (2016), Image Enhancement Of Medical Images Using Different Filtering Techniques In The Spatial And Frequency Domain: A Comparative Analysis, International Journal of Biological and Biomedical Sciences, Vol. 5, pp 70-74.
8. Kiran George, Malathi R, Krishnan J and Nisha Susan Thomas (2015) The rise of Mathematical Oncology, Journal of Medical and Bioengineering, Vol 4, no 4, pp 293-296
9. Padmapriya K, Krishnan J and Malathi R (2015) Effect of L and T-type Calcium Channels in Retinal Ganglion cells simulation, International Journal of Biology and Biomedical Engineering, Vol. 9, pp 22-28.
10. K.Padmapriya, **J.Krishnan** and R.Malathi (2014),Symmetric Biphasic patterned stimulation in Retinal Ganglion cells, International Journal of Current Research, Vol. 6,pp. 6204 - 6208.
11. K.Padmapriya, **J.Krishnan** and R.Malathi (2014),Computational study on the effect of patterned electrical stimulation in Ganglion nerve cells, International Journal of Current Research, Vol. 6,pp. 6197 – 6203.
12. R.Malathi,Shraboni Mondal and**J.Krishnan** (2013),Artificial Neural Networks Analysis using Hidden Neurons: Case Study as Endometrial Cancer as Prognostic Tool, International Journal of Recent Scientific Research, Vol. 4,pp. 1719-1722.
13. Prabha Ravi and J.Krishnan (2013), Medical Image Fusion using PCA: Performance Metric Analysis, International Journal of Recent Scientific Research, Vol. 4, pp. 1669-1672.

14. K. Padmapriya, **J.Krishnan** and R.Malathi (2013),Computational study on the effect of patterned electrical stimulation in Ganglion nerve cells, International Journal of Recent Scietific Research, Vol. 4.pp. 1538-1544.
15. Sreenath A V and Krishnan J (2019) Investigations on gap junction role on sustainability of cardiac memory, cardiovascular research, Accepted for publication.
16. N. Vinoth, **J.Krishnan** and R. Malathi(2013),Performance Analysis of Neural Network Based Control of Hypnosis and Analgesia during Anesthesia by employing a PharmacokineticpharmacodynamicModel, International Journal of Current Research, Vol. 10, pp. 3133-3139.
17. T.S.Murugesh, **J.Krishnan** and R. Malathi(2013),Investigations On The Intrinsic Frequency of the cardiac cells in effecting Synchronization, International Journal of Current Research, Vol. 10, pp. 3140-3148.
18. T.S.Murugesh, **J.Krishnan** and R. Malathi(2013),Certain Investigations on the Gap Junction Conductance in Synchronization Issues, International Journal of Research and Reviews Applied Sciences, Vol.15, pp.312-321.
19. K. Padmapriya, **J.Krishnan** and R.Malathi (2013), Vertebral Fracture Assessment And Classification Using Imaging Techniques – An Overview, CiiT International Journal of Biometrics and Bioinformatics, pp. 7-12.
20. N. Vinoth, **J.Krishnan** and R.Malathi (2013), Modelling of Four Compartment Model of Cardiovascular System Using Simulation, CiiT International Journal of Biometrics and Bioinformatics, pp 1.-6.
21. N. Vinoth, **J.Krishnan** and R.Malathi (2013), Modeling and Analysis of Sinoatrial Cell using SIMULINK - A Computational Approach, International Journal of Engineering Research and Applications, Vol 3 (1), 826-831.