

Journal Publications (June 2013- May 2014):

1. **Sivaramakrishnan Rajaraman**, Ganesh Vaidyanathan, Arun Chokkalingam. Segmentation and Removal of Interphase Cells from Chromosome Images using Multidirectional Block Ranking, International Journal of Bio-Science and Bio-Technology, vol. 5, no. 3, June 2013 (ISSN: 2233-7849)
2. S. Janani, S. Lakshmi Bhavani, **A. Kavitha**, “Quantitative Analysis of Digitized Mammograms Using Nonsampled Contourlets and Evolutionary Extreme Learning Machine” J Med Img Health Inf, June 2013, Vol. 3, No. 2, pp. 206-213 (ISSN:2156-7018).
3. **R. Subashini, V. Mahesh, A. Kavitha, B. Geethanjali**, S.U. Rakshitha “Comparative Evaluation of Antimicrobial Activity of Selected Three Herbal Plants Extract with Digital Image Processing Technique” EJBI 2013, Vol. 9, No. 1, pp. 14-19 (ISSN:1801-5603).
4. S. V. Hari Krishna, M.S. Muthukaruppan, P. Paruthi, **V. Mahesh** “Performance evaluation of PPG signal using time-frequency features” International Journal of Engineering Research & Technology 2013, Vol. 2, No. 8, pp. 988-992 (ISSN: 2278-0181).
5. S. Ganapathi, S.T. Premkumar, T. Malaikannu, **A. Kavitha**, “Musculoskeletal Modeling of Hip Joint and Fracture Analysis for Surgical Planning Using FEM” EJBI 2013, Vol. 9, No. 1, pp. 27-37 (ISSN:1801-5603).
6. S. Madhu Bala, B. Reneta, G.S. Yuvasri, K. Sathish Kumar, **S. Guruprakash**, “The effect of Gold and Iron-oxide Nanoparticles on Biofilm-forming Pathogens” ISRN Microbiology, Sep 2013, article id:272086, doi:10.1155/2013/272086 (ISSN:2090-7478).
7. S.Ponmalar, R.Shanthini, R.C.Tharani, **M. Dhanalakshmi**, Computer-aided diagnostic tool for the detection of macular disorder using retinal OCT images, International Journal of Advances in Computer Science and its Applications, Sep 2013, Vol 3, No 3, pp 119-123 ISSN 2250-3765 (ISSN 2250-3765).
8. **R. Sivaramakrishnan** “Meditation Research: A Comprehensive Review”, International Journal of Engineering Research and Applications, August 2013, Vol.3, No.6, pp.109-115. (ISSN 2248-9622)
9. K.Vijaimohan & **J. Mallika**. Regulation Of Voltage-Dependent Anion Channel-1 And 78 Kda Glucose-Regulated Protein By Carvedilol And Tocotrienol In Doxorubicin Mediated Cardiotoxicity. Clinical Pharmacology in Drug Development. Oct 2013, Vol 2, No.S1, 36-38. (ISSN 2160-7648) (IF- 2.472)
10. Sri Logeshwaran R, Siva Kumar P, Kuldeep S, **Pravin Kumar S**, "A Novel Design of Low Cost LED Photo Therapy Equipment", International Journal of Engineering & Technology Research, Vol. 1, Issue. 2, October -December 2013. (ISSN 2278-0181)

11. Sri Logeshwaran R, Saran Raj A, Kuldeep S., **Pravin Kumar S**, “Solar Powered Blood Pressure Monitoring Device”, International Journal of Research in Manufacturing Technology & Management, pp. 7 – 13, Vol. 1, Issue. 1, July-December 2013. (ISSN 1741-5195)
12. **Mallika Jainu**, Sruthy. S, Swetha.P, 2013. Automated Interpretation Of Apoptotic Cell Death of Blood circulated DNA In Hepaticcarcinoma Patient. Pharmacognosy Magazine (IF:1.6).
13. **Subashini R**. The role of Nardostachys jatamansi against doxorubicin-induced toxicity in rats. African Journal of Biotechnology, vol. 12, no. 49, pp. 6881-6886, December 2013 (ISSN: 1684-5315)
14. **Sivaramakrishnan Rajaraman**, Arun Chokkalingam. Chromosomal Edge Detection using Modified Bacterial Foraging Algorithm. International Journal of Bio-Science and Bio-Technology, vol. 6, no. 1, pp. 111-122, February 2014 (Print ISSN: 22337849)
15. **Sivaramakrishnan Rajaraman**, Arun Chokkalingam. Lukasiewicz logic based fuzzy similarity classifier for Denver group chromosomal classification. Biosci. J., Uberlandia, v. 30, n. 3, p. 843-852, February 2014 (ISSN: 1981-3163, Thompson Reuters ISI: 0.207)
16. **Sivaramakrishnan Rajaraman**, Ganesh Vaidyanathan and Arun Chokkalingam. "Performance Evaluation of Nature – Inspired Optimization Techniques in Disentangling Text Pattern Overlaps", Journal of Multiple valued Logic and Soft Computing, Vol. 23, no. 5-6, May 2014. (IF:1.05)
17. **Sivaramakrishnan Rajaraman** and Arun Chokkalingam, "Classification of Denver System of Chromosomes using Similarity Classifier guided by OWA Operators", Current Bioinformatics, Vol. 9, no. 5, 2014. (IF: 1.726)
18. **R. Sivaramakrishnan, S. Guruprakash** and P. Padmanaban , “Effect of hen egg white on microbial adhesion and biofilm growth of biomaterial associated infection causing pathogens”, *International Journal of Bio-Science and Bio-Technology*, vol. 6, no. 2, pp. 99-106, 2014. (ISSN: 2233-7849)
19. Supraneni krishna mohan & **Mallika Jainu**. Pioglitazone, Quercetin And Hydroxy Citric Acid Effect On Hepatic Biomarkers In Non Alcoholic Steatohepatitis (NASH). Pharmacognosy Research. 2014, Vol 6 Issue 2, 1-10. (ISSN: 0974-8490)
20. Supraneni krishna mohan & **Mallika Jainu**. Effect of pioglitazone, quercetin, and hydroxy citric acid on the lipid profile and lipoproteins in experimentally induced non-alcoholic steatohepatitis. Indian Journal of Pharmaceutical Education and Research. 2014:Vol 48(1): 32-38. (ISSN: 0019-5464)
21. Supraneni krishna mohan & **Mallika Jainu**. Comparative Effect of Pioglitazone, Quercetin and Hydroxy Citric acid On The Status Of Lipid Peroxidation And

- Antioxidants In Experimental Non Alcoholic Steatohepatitis (NASH). *Journal of Physiology & Pharmacology* 2014; 65(1): 67-74.(**IF:2.48**)
22. Priya.E., **Mallika Jainu**, Biochemical Study Of Cardiac Markers - Troponin Protein In Myocardial Infarction Patient. *International Journal of Biotechnology*. 2014; 2(4): 15-19. (**ISSN: 0741-5020**) (**IF:2.54**)
 23. B. Zhao B, H. C. Van der Mei, **S. Guruprakash**, J. De Vries, M. Rustema-Abbing, R. Kuijer, H.J. Busscher and Y. Ren, "Soft tissue integration versus early biofilm formation on different dental implant materials," *Dental Materials* vol. 30, no. 7, pp. 716-727, 2014. (**IF:4.16**)
 24. **Mallika Jainu**, Hemaprabha, S. Vinutha, Sarah rajitha, T.S.Ranjani, A. Alphalinolenic acid, a potent inhibitor of fatty acid synthase - antimycobacterial agent. *BMC infectious Disease Journal*. Vol 14, S3; 2014; 1024-26. (**IF:2.56**).
 25. S.Usha Rani, M.Chitra and **Mallika Jainu**. Hepatoprotective Effect Of Wattkaka Volubilis Extract On Aluminium Sulphate Induced Liver Toxicity. *International Journal of Pharmaceutical Sciences and Drug Research*. 2014: Volume 6; Issue 2 (accepted). (**IF: 1.36**)
 26. **Pravin Kumar Subbaraj**, **Kavitha Anandan**, **Geethanjali Balasubramanian**, **Mahesh Veezhinathan** , Analysis Of Cognitive Load For Bilingual Subjects Based On Lexile Measures , *International Journal of Cognitive Informatics and Natural Intelligence* , Vol 8 and issue 1, 18 - 35 , 2014.