

Journal Publications (2014)

1. **R. Sivaramakrishnan** and C. Arun. "Lukasiewicz logic based fuzzy similarity classifier for Denver group chromosomal classification," *Bioscience Journal Uberlandia*, vol. 30, no. 3, pp. 843-852, 2014.
2. M. Supraneni krishna and **J. Mallika**. "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*. vol. 48 no. 1 pp. 32-38, 2014.
3. M. Supraneni krishna and **J. Mallika**. "Comparative effect of pioglitazone, luercetin and Hydroxy Citric acid on the Status of Lipid Peroxidation and Antioxidants in experimental non alcoholic steatohepatitis (NASH)". *Journal of Physiology & Pharmacology* vol. 65, no. 1, pp. 67-74, 2014.
4. **R. Sivaramakrishnan** and C. Arun. "Chromosomal edge detection using modified bacterial foraging algorithm," *International Journal of Bio-Science and Bio-Technology*, vol. 6, no. 1, pp. 111-122, 2014.
5. **R. Sivaramakrishnan** and C. Arun, "Classification of denver system of chromosomes using similarity classifier guided by OWA operators," *Current Bioinformatics*, vol. 9, no. 5, 2014.
6. **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.
7. M. Supraneni krishna and **J. Mallika**. "Pioglitazone, quercetin and hydroxy citric acid effect on hepatic biomarkers in non alcoholic steatohepatitis (NASH)". *Pharmacognosy Research*. vol. 6, no. 2, pp. 1-10, 2014.
8. E. Priya.E and **J. Mallika**, "Biochemical study of cardiac markers - Troponin protein in myocardial infarction patient", *International Journal of Current Biotechnology*, vol. 2, no. 4, pp. 15-19, 2014.
9. B. Zhao B, H. C. Van der Mei, **S. Guruprakash**, J. De Vries, M. Rustema-Abbing, R. Kuijter, 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.
10. **J. Mallika**, A. Hemaprabha, S. Vinutha, Sarah rajitha and T.S. Ranjani, "Alphalinolenic acid, a potent inhibitor of fatty acid synthase - antimycobacterial agent," *BMC infectious Disease*. vol. 14, no. S3, pp. 1024-26, 2014.
11. S. Usha Rani, M. Chitra and **J. Mallika**, "Hepatoprotective effect of wattkaka volubilis extract on aluminium sulphate induced liver toxicity". *International Journal of Pharmaceutical Sciences and Drug Research*, vol. 6; no. 2, 2014.

12. **R. Sivaramakrishnan**, V. Ganesh and C. Arun. "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, pp. 503-527, 2014.
13. **Sivaramakrishnan Rajaraman**, Ganesh Vaidyanathan and Arun Chokkalingam. "Performance Evaluation of Bio-Inspired Optimization Algorithms in Resolving Chromosomal Occlusions", *Journal of Medical Imaging and health Informatics* (Accepted).
14. **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.
15. E. Priya & **Mallika Jainu**, Study of Adverse Effects of Vildagliptin and Insulin Treatment in Diabetes Mellitus Patients. *Research journal of Recent Sciences* Vol3;2014: 1-8.
16. Monica.T, Soundarya.S, Satishkumar.K and **Guruprakash.S** , "Antibacterial efficacy of iron-oxide nanoparticles against biofilms on different biomaterial surfaces", *International Journal of Biomaterials*, Sept 2014, vol 2014, pp1-6 .
17. Muthuvijay, Nandhini.T and **Mallika Jainu** "Quantum dots based bio-conjugates in cancer treatment" -Review. *Pharmanest International journal of Advances in Pharmaceutical Sciences*. 2014: Vol5; Issue 5: 2295-97.
18. **Pravin Kumar S, Subashini R**, Ayesha Samreen, Deepthi G, Mythili S , "Detection of Diabetic disorders in the lower extremities: A cost effective screening device" , *Biomedical Research* , vol 25 and issue 4, 483 - 488 , 2014.
19. Navathej Gobi, Arun Srinivas, **B Geethanjali, S Pravin Kumar** , "Computer-based Communication Aid using EEG for Paralytic Clients, Disability, CBR & Inclusive Development" Vol 25, No 2 (2014): 105-108, Summer 2014.
20. **R. Sivaramakrishnan**, G. Sona, J. Kavitha and K. Sadhani. "Desing of a Functional Training Prototype for Neonatal Resuscitation," *Children*, vol. 1, doi: 10.3390, pp. 441-456, 2014