

Publications (Dr.K.Thamarai Selvi)

1. A. Murugadas, D. Mahamuni, N.D. Shrinithiviahshini, K. Thamaraiselvi R. Thirumurugan, M. A. Akbarsha, (2019) Hydra as an alternative model organism for toxicity testing: Study using the endocrine disrupting chemical Bisphenol Bio catalysis and Agricultural Biotechnology (In press)
2. J. S. Rosa, J. Omana, P. Krishna Murthy, Shruthi Iyer, S.G. Ramachandra, K. Thamaraiselvi, (2018) Effect of feeding high fat diet on reproductive parameters in male mice, Indian Journal of Animal Research
3. J.S. Rosa¹, J. Omana, S. Sandhya, N. Krishnaveni, K. Thamaraiselvi, S.G. Ramachandra (2018), Rapid identification of bacterial agents in fecal samples of rodents by flow cytometry, International Journal of Research in Biosciences, 7(1), 20-29
4. J.S. Rosa, J. Omana, P. Prakash, and K. Thamaraiselvi, (2018) Role of Dietary Pattern on the Microbial Diversity in the Gut of the Experimental Mice, Asian Journal of Engineering and Applied Technology, 7(2)
5. A. Subashini, P. Priyadharsani, K. Thamaraiselvi, V. Veeramani, P. Rose, R. Philip, R. R. Babu, (2018), Studies on growth and characterization of (E)-N'-[4- (dimethyl amino) benzylidene]-4-hydroxybenzohydrazide hemihydrate: a nonlinear optical material Journal of Materials Science: Materials in Electronics, 1-9
6. A. Pugazhendhi, K. Ranganathan, K. Thamaraiselvi, (2018), Biosorptive removal of Copper(II) by Bacillus cereus isolated from contaminated soil of electroplating industry in India, Water, Air and Soil Pollution, 229(3), 76 [Impact Factor: 1.769]
7. Pugazhendhi, A., Ranganathan, & Thamaraiselvi, K., (2018), Biosorptive removal of Copper(II) by Bacillus cereus isolated from contaminated soil of electroplating industry in India, Water, Air and Soil Pollution, 229(3), 76 [Impact Factor: 1.769]
8. Jeganathan, C., Thamaraiselvi, K., Sabari Girisun, T. C., (2018), Improved production of bacteriorhodopsin from Halo bacterium Salina rum through direct amino acid supplement in the basal medium, Extremophiles, 1-7 [Impact Factor: 2.00]
9. Pugazhendhi, A., Ranganathan, & Thamaraiselvi, K., (2018), Biosorptive removal of Copper(II) by Bacillus cereus isolated from contaminated soil of electroplating industry in India, Water, Air and Soil Pollution, 229(3), 76. [Impact Factor: 1.769].
10. Pugazhendhi, A., Gowri Manogari, B., Ranganathan, K., Naushad, Mu., & Thamaraiselvi, K., (2018), New insight into effective bio sorption of lead from aqueous solution using Ralstonia solanacearum: Characterization and mechanism studies, Journal of Cleaner Production, 174, 1234-1239 [Impact Factor: 5.615]
11. Sridevi Dhanarani, T., Shankar, C., Prakash, P., Park, J. H., & Thamaraiselvi, K., (2017), Inhibitory effects of reserpine against efflux pump activity of antibiotic resistance bacteria, Chemical Biology Letters, 4(2), 69-72 [Impact Factor: 2.6]
12. Sivakumar, S., Thamaraiselvi, K., & Prakash, P., (2017), Deposition of absolute and relative airborne metals on eggshells: a field study, Environmental Science and Pollution Research, 1-7 [Impact Factor: 2.800]
13. Pugazhendhi, A., Sridevi Dhanarani, T., Shankar, C., Prakash, P., Ranganathan, K., Rijuta Ganesh Saratale, & Thamaraiselvi, K., (2017), Electrophoretic pattern of glutathione S-transferase (GST) in antibiotic resistant Gram-positive bacteria from poultry litter, Microbial Pathogenesis, 110, 285-290 [Impact Factor: 2.332]
14. Jeganathan, C., Sabari Girisun, T. C., Venugopal Rao, S., & Thamaraiselvi, K., (2017), Variable ultrafast optical nonlinearity in bacteriorhodopsin achieved through simple chemical treatment, Journal of Material Science, 52, 6866-6878 [Impact Factor: 2.993]
15. Subashini, A., Poornima Priyadharsani, T. K., & Thamaraiselvi, K., Helen StoeckliEvans., Bhagavannarayana, G., Ramamurthi, K., Ramesh Babu, R., (2017), Synthesis growth and

characterization of dichlorobis(4-chloroaniline-kN)zinc semi organic crystal, Journal of Material Science: Materials in Electronics, 9 (3), 1370–1374 [Impact Factor: 2.324]

16. Sridevi Dhanarani, T., Elavarasi, V., Prakash, P., Pugazhendhi, A., & Thamaraiselvi, K., (2016), Comparative study on the bio sorption of aluminum by free and immobilized cells of *Bacillus safensis* KTSMBNL 26 Isolated from explosive contaminated soil, Journal of Taiwan Institute of Chemical Engineers, 69, 61-67 [Impact Factor: 3.849]
17. Murugadas, A., Zeeshan, M., & Thamaraiselvi, K., Ghaskadbi, S., & Akbarsha, M. A., (2016), Hydra as a model organism to decipher the toxic effects of copper oxide nanorod: Eco-toxicogenomics approach, Scientific Reports, 6, 29663 [Impact Factor: 4.122]
18. Sridevi Dhanarani, T., Shankar, C., Prakash, P., Poornima Priyadharshani, T. K., & Thamaraiselvi, K., (2016), Conversion of poultry litter in to class A bio solids using auto thermal thermophile aerobic digestion: A remedy for solid waste management, Management of Environmental Quality: An International Journal, 27, 4- 14