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List of Publication (Last 5 years)

1. Bharathiraja, B., Chakravarthy, M., Kumar, R. R., **Yuvaraj, D.**, Jayamuthunagai, J., Kumar, R. P., & Palani, S. (2014). Biodiesel production using chemical and biological methods—A review of process, catalyst, acyl acceptor, source and process variables. *Renewable and Sustainable Energy Reviews*, 38, 368-382.
2. Chandran, M., Vivek, P., Kesavan, D & **Yuvaraj, D.**, Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (*Spinifex littoreus* (BURM. F) MERR. and *Heliotropium curassavicum* L.).
3. Arun, D. P. K. G., Gayathri, P. K., Chandran, M., & **Yuvaraj, D.** (2014). Studies on effect of seaweed extracts on crop plants and microbes. *International Journal of ChemTech Research*, 6(9), 4235-4240.
4. Priya Tharishini, P., Saraswathy, N. C., Smila, K. H., **Yuvaraj, D.**, Chandran, M., & Vivek, P. (2014). Green synthesis of gold nano particles from *Cassia auriculata* leaf aqueous extract and its cytotoxicity effect on in vitro cell line. *Internatl. J. Chemical Technol. Res*, 6(9), 4242-4250.
5. Sathishpandiyan, S., Prathap, S., Vivek, P., Chandran, M., Bharathiraja, B., **Yuvaraj, D.**, & Smila, K. H. (2014). Ethnobotanical study of medicinal plants used by local people in Ariyalur District, Tamilnadu, India. *Int J ChemTech Res*, 6, 4276-84.
6. Jeyalakshmi.G, Nithyananthi.M, Jayashree.R, **Yuvaraj .D** & Sekar Babu Hariram., (2014). A Review on the Herbs in Practice among the Tribal Communities of Nilagiri District for Gynecological Problem. *International Journal of Pharmacognosy and Phytochemical Research* 2014; 6(3): 580-583.
7. Bharathiraja, B., Ranjithkumar, R., Chakravarthy, M., Yogendran, D., Vivek, P., **Yuvaraj, D.**, & Palani, S. (2014). Kinetic Analysis of Fatty Acid Alkyl Esters Using Whole Cell Biocatalyst and Lipase Catalyzed Transesterification from Waste Cooking Oil. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 16(3), 745-752.
8. Chandran, M., Duraipandi, V., **Yuvaraj, D.**, Vivek, P., & Parthasarathy, N. (2014). Production and extraction of bacterial pigments from novel strains and their applications. *Res J Pharm Biol Chem Sci*, 5, 584-593.
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10. Bharathiraja, Dr. B. & Ramanujam, Praveen Kumar & C. Chozhavendhan, **Yuvaraj D** & J.Vinoth Arulrajb. (2015). Biobutanol production from cellulose rich agricultural waste using *Clostridium* species. *Journal of Chemical and Pharmaceutical Research*. 7. 2463-2469.

11. **Yuvaraj, D.**, Suvasini, B., Chellathai, T., Fouziya, R., Ivo Romauld, S., & Chandran, M. (2015). Anti-bacterial studies on the different body parts of *Loligo duvauceli*. *Journal of Chemical and Pharmaceutical Research*, 7(6), 406-408.
12. **Yuvaraj, D.**, & Karthik, R. (2015). Efficacy of probiotics on *Litopenaeus vannamei* culture through zero water exchange system. *Journal of Fisheries and Aquatic Science*, 10(6), 445.
13. **Yuvaraj, D.**, Karthik, R., & Muthezhilan, R. (2015). Crop Rotation as A Better Sanitary Practice for The Sustainable Management of *Litopenaeus vannamei* Culture. *Asian Journal of Crop Science*, 7(3), 219-232.
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17. Chandran Masi, Subhasini.D.C, Kanchana Devi.V & **Yuvaraj. D**, (2016). Media optimization of oyster mushroom cultivation and to increase its nutritive value. *Journal of Chemical and Pharmaceutical Sciences*, 9 (1), 327-330.
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19. **Yuvaraj, D.**, Bharathiraja, B., Rithika, J., Dhanasree, S., Ezhilarasi, V., Lavanya, A., & Praveenkumar, R. (2019). Production of biofuels from fish wastes: an overview. *Biofuels*, 10(3), 301-307.
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21. Bharathiraja, B., Devaki, P., Dheepa, S., Mageshwari, R., Jayamuthunagai, J., Chakravarthy, M., **Yuvaraj, D.**, & Praveenkumar, R. (2016). Environmental eco-friendly marine resource macro algae (Seaweeds): an omnipotent source for value added products and its applications-A review. *International Journal of Current Microbiology and Applied Sciences*, 5(7), 19-47.
22. Bharathiraja, B., Jayamuthunagai, J., Sudharsanaa, T., Bharghavi, A., Praveenkumar, R., Chakravarthy, M., & **Yuvaraj, D**. (2017). Biobutanol—An impending biofuel for future: A review on upstream and downstream processing techniques. *Renewable and Sustainable Energy Reviews*, 68, 788-807.
23. Bharathiraja, B., Sridharan, S., Sowmya, V., **Yuvaraj, D.**, & Praveenkumar, R. (2017). Microbial oil—a plausible alternate resource for food and fuel application. *Bioresource technology*, 233, 423-432.

24. Bharathiraja, B., Sowmya, V., Sridharan, S., **Yuvaraj, D.**, Jayamuthunagai, J., & Praveenkumar, R. (2017). Biodiesel production from microbial oil derived from wood isolate *Trichoderma reesei*. *Bioresource technology*, 239, 538-541.
25. R. Fouziya, B. Suvasini, & **D. Yuvaraj** (2017). Fortification of Common salt with locally available Indian Herbs. *International Journal of Modern Science and Technology*. 2(9), 304-310.
26. **D Yuvaraj**, P Jai Preethi, A Saravanan, & K H. Smila (2017). Sustained Release of Nanoformulation of Diethyl Carbamazine (Dec) for Filariasis – a Review. *International Journal of Engineering and Technology*. 3(7), 34.
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30. Romauld, I. S., **Yuvaraj, D.**, Chandran, M., & Gayathri, P. K. (2018). Municipal Waste Water Treatment using Plant Adsorbents. *Research Journal of Pharmacy and Technology*, 11(10), 4473-4479.
31. Jeevanantham, S., Saravanan, A., Hemavathy, M. V., Kumar, P. S., Yaashikaa, P. R., & **Yuvaraj, D.** (2019). Removal of toxic pollutants from water environment by phytoremediation: A survey on application and future prospects. *Environmental technology & innovation*.
32. Chandran, M., **Yuvaraj, D.**, Premkumar, C. S., Saravananan, A., Logeshwaran, S., Shabeer, A., & Romauld, S. I. (2018). Role of carpenter ants, *Camponotus sp.* as bioindicators for heavymetals and in modifying soil chemistry (Chennai, Tamil Nadu, India). *Journal of Entomological Research*, 42(4), 537-540.
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35. Masi, Chandran & Eazhilnambi, A & Gokul Krishna, V.R. & **Dinakarkumar, Yuvaraj** & Shanmuga Sundhar, D. (2019). Screening Potential Endophytic Fungi of *Fusarium oxysporum* Isolated from *Andrographis paniculata* for its Antibacterial Activity. *International Journal of ChemTech Research*. 12. 280-286. 10.20902/IJCTR.2019.120336.