

PANEL OF EXPERTS

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| Name | :Dr. I. Ganesh Moorthy | No. of Publication | : 45 |
| Designation | : Associate Professor | No. of Publication | : 32 |
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List of publication for last five years:

1. Karpagam R, Rani K, Ashokkumar B, Ganesh Moorthy I, Dhakshinamoorthy A, Varalakshmi P. Green energy from Coelastrella sp. M-60: Bio-nanoparticles mediated whole biomass transesterification for biodiesel production. Fuel **2020**;279:118490.
2. Sakthi Vignesh N, Vimali E, Sangeetha R, Arumugam M, Ashokkumar B, Ganeshmoorthy I, et al. Sustainable biofuel from microalgae: Application of lignocellulosic wastes and bio-iron nanoparticle for biodiesel production. Fuel **2020**;278:118326.
3. Kalpana R, Maheshwaran M, Vimali E, Soosai MR, Shivamathi CS, Moorthy IG, et al. Decolorization of Textile Dye by Halophilic Exiguobacterium sp.VK1: Biomass and Exopolysaccharide (EPS) Enhancement for Bioremediation of Malachite Green. ChemistrySelect **2020**.
4. Jawaharraj K, Manoharan P, Krishnaraj RN, Karpagam R, Ashokkumar B, Varalakshmi P, Moorthy IG. Biomass and Bioenergy Production from Myxosarcina sp.: Molecular Interactions of α -Cyclodextrin with Isocitrate Dehydrogenase for Biodiesel Production. In Sustainable Development in Energy and Environment **2020** (pp. 169-184). Springer, Singapore.

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10. Vinoth Kumar R, Ganesh Moorthy I, Goswami L, Pugazhenth G, Pakshirajan K, Silva AMT, et al. Analytical Methods in Biodiesel Production, **2020**, p. 197–219.
11. Alexander RA, Innasimuthu GM, Rajaram SK, Jeganathan PM, Chellam Somasundarar S. Process optimization of microwave-assisted alkali pretreatment for enhanced delignification of *Prosopis juliflora* biomass. *Environ Prog Sustain Energy* **2020**;39:13289.
12. Thajuddin S, Moorthy IG, Dhanasekaran D, Kumar RS, Thajuddin N. Processed Lichens Could be a Potential Functional Food with Special Reference to Traditional Dishes. *In Fermented Food Products* **2019** Dec 6 (pp. 67-76). CRC Press.
13. Dawoud TM, Alharbi NS, Theruvinthalakal AM, Thekkangil A, Kadaikunnan S, Khaled JM, et al. Characterization and antifungal activity of the yellow pigment produced by a *Bacillus* sp. DBS4 isolated from the lichen *Dirinaria agealita*. *Saudi J Biol Sci* **2020**;27:1403–11.
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15. Selvaraj R, Moorthy IG, Kumar RV, Sivasubramanian V. Microwave mediated production of FAME from waste cooking oil: Modelling and optimization of process parameters by RSM and ANN approach. *Fuel* **2019**;237:40–9.
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