Mohan Rasu Kulanthai Samy

List of Publications by Year
in descending order

10 papers	351 citations	1307366 7 h-index	1372474 10 g-index
10 all docs	10 docs citations	10 times ranked	505 citing authors

#	Article	IF	Citations
1	Simultaneous biohydrogen (H2) and bioplastic (poly-Î²-hydroxybutyrate-PHB) productions under dark, photo, and subsequent dark and photo fermentation utilizing various wastes. International Journal of Hydrogen Energy, 2020, 45, 5840-5853.	3.8	70
2	Environmental friendly synthesis of TiO2-ZnO nanocomposite catalyst and silver nanomaterials for the enhanced production of biodiesel from Ulva lactuca seaweed and potential antimicrobial properties against the microbial pathogens. Journal of Photochemistry and Photobiology B: Biology, 2019, 193, 118-130.	1.7	68
3	Exploring multi potential uses of marine bacteria; an integrated approach for PHB production, PAHs and polyethylene biodegradation. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 55-65.	1.7	62
4	Optimization of media components and culture conditions for polyhydroxyalkanoates production by Bacillus megaterium. Fuel, 2020, 271, 117522.	3.4	49
5	Comparative study on Cronobacter sakazakii and Pseudomonas otitidis isolated from septic tank wastewater in microbial fuel cell for bioelectricity generation. Fuel, 2019, 248, 47-55.	3.4	40
6	Comparison of integrated sustainable biodiesel and antibacterial nano silver production by microalgal and yeast isolates. Journal of Photochemistry and Photobiology B: Biology, 2018, 186, 232-242.	1.7	29
7	Biodiesel production from Ulva linza, Ulva tubulosa, Ulva fasciata, Ulva rigida, Ulva reticulate by using Mn2ZnO4 heterogenous nanocatalysts. Fuel, 2019, 255, 115744.	3.4	17
8	Optimization (Substrate and pH) and Anaerobic Fermentative Hydrogen Production by Various Industrial Wastes Isolates Utilizing Biscuit Industry Waste as Substrate. Journal of Pure and Applied Microbiology, 2018, 12, 1587-1595.	0.3	7
9	Anaerobic Process for Biohydrogen Production using Keratin Degraded Effluent. Journal of Pure and Applied Microbiology, 2019, 13, 1135-1143.	0.3	6
10	Studies on the diversity of macrofungus in Kodaikanal region of Western Ghats, Tamil Nadu, India. Biodiversitas, 2018, 19, 2283-2293.	0.2	3