

Maegala Nallapan Maniyam

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Effectiveness of Soil Extracts from Selangor Peat Swamp and Pristine Forest Soils on the Growth of Green Microalgae sp.. Forests, 2022, 13, 79. | 2.1 | 3 |
| 2 | Malaysian Virgin Soil Extracts as Natural Growth Enhancer for Targeted Green Microalgae Species. Applied Sciences (Switzerland), 2022, 12, 4060. | 2.5 | 1 |
| 3 | Kinetics Growth and Recovery of Valuable Nutrients from Selangor Peat Swamp and Pristine Forest Soils Using Different Extraction Methods as Potential Microalgae Growth Enhancers. Molecules, 2021, 26, 653. | 3.8 | 8 |
| 4 | Conversion of waste cooking oil by rhodococcal lipase immobilized in gellan gum. E3S Web of Conferences, 2021, 277, 03001. | 0.5 | 0 |
| 5 | Assessment of Aqueous Extraction Methods on Extractable Organic Matter and Hydrophobic/Hydrophilic Fractions of Virgin Forest Soils. Molecules, 2021, 26, 2480. | 3.8 | 2 |
| 6 | Decolourization and biodegradation of azo dye methyl red by <i>Rhodococcus</i> strain UCC 0016. Environmental Technology (United Kingdom), 2020, 41, 71-85. | 2.2 | 44 |
| 7 | Enhanced methylene blue decolourization by <i>Rhodococcus</i> strain UCC 0003 grown in banana peel agricultural waste through response surface methodology. Biocatalysis and Agricultural Biotechnology, 2020, 23, 101486. | 3.1 | 13 |
| 8 | Enhancement of targeted microalgae species growth using aquaculture sludge extracts. Heliyon, 2020, 6, e04556. | 3.2 | 11 |
| 9 | Inferring the evolutionary relationship of 23 Malaysian <i>Rhodococcus</i> isolates with potential as cholesterol degrading bacteria. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101840. | 3.1 | 8 |
| 10 | Effect of inoculum size, inducer and metal ion on lipase production by <i>Rhodococcus</i> strain UCC 0009. E3S Web of Conferences, 2020, 211, 02012. | 0.5 | 0 |
| 11 | Biotransformation using resting cells of <i>Rhodococcus</i> UKMP-5M for phenol degradation. Biocatalysis and Agricultural Biotechnology, 2019, 21, 101309. | 3.1 | 7 |
| 12 | Enhanced cyanide biodegradation by immobilized crude extract of <i>Rhodococcus</i> UKMP-5M. Environmental Technology (United Kingdom), 2019, 40, 386-398. | 2.2 | 9 |
| 13 | Immobilized cells of <i>Rhodococcus</i> strain UCC 0004 as source of green biocatalyst for decolourization and biodegradation of methyl orange. Biocatalysis and Agricultural Biotechnology, 2018, 16, 569-578. | 3.1 | 22 |
| 14 | Decolourization of Methylene Blue by <i>Rhodococcus</i> Strain UCC 0003. International Journal of Environmental Science and Development, 2018, 9, 322-326. | 0.6 | 3 |
| 15 | Enzymatic cyanide degradation by cell-free extract of <i>Rhodococcus</i> UKMP-5M. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 357-364. | 1.7 | 11 |
| 16 | Biodetoxification of cyanide-containing industrial wastewaters by <i>Rhodococcus</i> UKMP-5M. Biologia (Poland), 2014, 69, 1635-1643. | 1.5 | 3 |
| 17 | Biodegradation of cyanide by <i>Rhodococcus</i> UKMP-5M. Biologia (Poland), 2013, 68, 177-185. | 1.5 | 22 |
| 18 | Biodegradation of cyanide by acetonitrile-induced cells of <i>Rhodococcus</i> sp. UKMP-5M. Journal of General and Applied Microbiology, 2013, 59, 393-404. | 0.7 | 5 |

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|----|--|-----|-----------|
| 19 | Cyanide degradation by immobilized cells of Rhodococcus UKMP-5M. <i>Biologia (Poland)</i> , 2012, 67, 837-844. | 1.5 | 15 |
| 20 | Bioremediation of Cyanide by Optimized Resting Cells of Rhodococcus Strains Isolated from Peninsular Malaysia. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2011, , 98-101. | 0.2 | 10 |
| 21 | Rhodococcus strain UCC 0010 as green biocatalyst for enhanced biodecolourization of Congo red through response surface methodology. <i>International Journal of Environmental Science and Technology</i> , 0, , 1. | 3.5 | 6 |