

# Maegala Nallapan Maniyam

## List of Publications by Year in descending order

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21  
papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Decolourization and biodegradation of azo dye methyl red by <i>Rhodococcus</i> strain UCC 0016. <i>Environmental Technology</i> (United Kingdom), 2020, 41, 71-85.	2.2	44
2	Biodegradation of cyanide by <i>Rhodococcus</i> UKMP-5M. <i>Biologia</i> (Poland), 2013, 68, 177-185.	1.5	22
3	Immobilized cells of <i>Rhodococcus</i> strain UCC 0004 as source of green biocatalyst for decolourization and biodegradation of methyl orange. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 569-578.	3.1	22
4	Cyanide degradation by immobilized cells of <i>Rhodococcus</i> UKMP-5M. <i>Biologia</i> (Poland), 2012, 67, 837-844.	1.5	15
5	Enhanced methylene blue decolourization by <i>Rhodococcus</i> strain UCC 0003 grown in banana peel agricultural waste through response surface methodology. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101486.	3.1	13
6	Enzymatic cyanide degradation by cell-free extract of <i>Rhodococcus</i> UKMP-5M. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 357-364.	1.7	11
7	Enhancement of targeted microalgae species growth using aquaculture sludge extracts. <i>Heliyon</i> , 2020, 6, e04556.	3.2	11
8	Bioremediation of Cyanide by Optimized Resting Cells of <i>Rhodococcus</i> Strains Isolated from Peninsular Malaysia. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2011, , 98-101.	0.2	10
9	Enhanced cyanide biodegradation by immobilized crude extract of <i>Rhodococcus</i> UKMP-5M. <i>Environmental Technology</i> (United Kingdom), 2019, 40, 386-398.	2.2	9
10	Inferring the evolutionary relationship of 23 Malaysian <i>Rhodococcus</i> isolates with potential as cholesterol degrading bacteria. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 30, 101840.	3.1	8
11	Kinetics Growth and Recovery of Valuable Nutrients from Selangor Peat Swamp and Pristine Forest Soils Using Different Extraction Methods as Potential Microalgae Growth Enhancers. <i>Molecules</i> , 2021, 26, 653.	3.8	8
12	Biotransformation using resting cells of <i>Rhodococcus</i> UKMP-5M for phenol degradation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101309.	3.1	7
13	<i>Rhodococcus</i> 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
14	Biodegradation of cyanide by acetonitrile-induced cells of <i>Rhodococcus</i> sp. UKMP-5M. <i>Journal of General and Applied Microbiology</i> , 2013, 59, 393-404.	0.7	5
15	Biotransformation of cyanide-containing industrial wastewaters by <i>Rhodococcus</i> UKMP-5M. <i>Biologia</i> (Poland), 2014, 69, 1635-1643.	1.5	3
16	Decolourization of Methylene Blue by <i>Rhodococcus</i> Strain UCC 0003. <i>International Journal of Environmental Science and Development</i> , 2018, 9, 322-326.	0.6	3
17	The Effectiveness of Soil Extracts from Selangor Peat Swamp and Pristine Forest Soils on the Growth of Green Microalgae sp.. <i>Forests</i> , 2022, 13, 79.	2.1	3
18	Assessment of Aqueous Extraction Methods on Extractable Organic Matter and Hydrophobic/Hydrophilic Fractions of Virgin Forest Soils. <i>Molecules</i> , 2021, 26, 2480.	3.8	2

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19	Malaysian Virgin Soil Extracts as Natural Growth Enhancer for Targeted Green Microalgae Species. Applied Sciences (Switzerland), 2022, 12, 4060.	2.5	1
20	Conversion of waste cooking oil by rhodococcal lipase immobilized in gellan gum. E3S Web of Conferences, 2021, 277, 03001.	0.5	0
21	Effect of inoculum size, inducer and metal ion on lipase production by Rhodococcus strain UCC 0009. E3S Web of Conferences, 2020, 211, 02012.	0.5	0