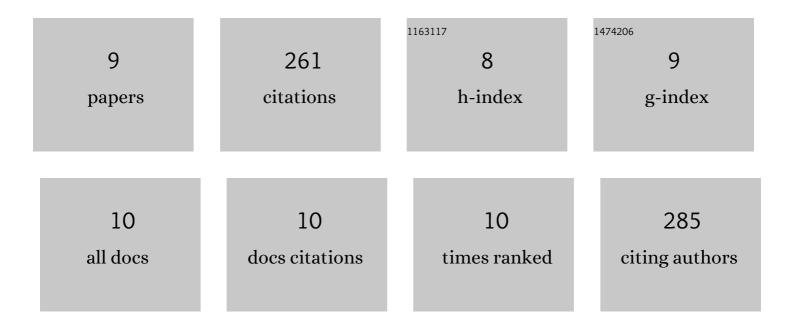
N Arul Manikandan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8121108/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Preparation and characterization of environmentally safe and highly biodegradable microbial polyhydroxybutyrate (PHB) based graphene nanocomposites for potential food packaging applications. International Journal of Biological Macromolecules, 2020, 154, 866-877.	7.5	85
2	Waste Litchi Peels for Cr(VI) Removal from Synthetic Wastewater in Batch and Continuous Systems: Sorbent Characterization, Regeneration and Reuse Study. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	37
3	Anthracene Biodegradation by Oleaginous <i>Rhodococcus opacus</i> for Biodiesel Production and Its Characterization. Polycyclic Aromatic Compounds, 2019, 39, 207-219.	2.6	32
4	Novel shortcut biological nitrogen removal method using an algae-bacterial consortium in a photo-sequencing batch reactor: Process optimization and kinetic modelling. Journal of Environmental Management, 2019, 250, 109401.	7.8	31
5	Phytoremediation of nitrate contaminated water using ornamental plants. Journal of Water Supply: Research and Technology - AQUA, 2019, 68, 731-743.	1.4	23
6	A closed-loop biorefinery approach for polyhydroxybutyrate (PHB) production using sugars from carob pods as the sole raw material and downstream processing using the co-product lignin. Bioresource Technology, 2020, 307, 123247.	9.6	22
7	Techno-economic assessment of a sustainable and cost-effective bioprocess for large scale production of polyhydroxybutyrate. Chemosphere, 2021, 284, 131371.	8.2	15
8	A novel ceramic membrane assembly for the separation of polyhydroxybutyrate (PHB) rich Ralstonia eutropha biomass from culture broth. Chemical Engineering Research and Design, 2019, 126, 106-118.	5.6	13
9	A novel rotating wide gap annular bioreactor (Taylor-Couette type flow) for polyhydroxybutyrate production by Ralstonia eutropha using carob pod extract. Journal of Environmental Management, 2021, 299, 113591.	7.8	2