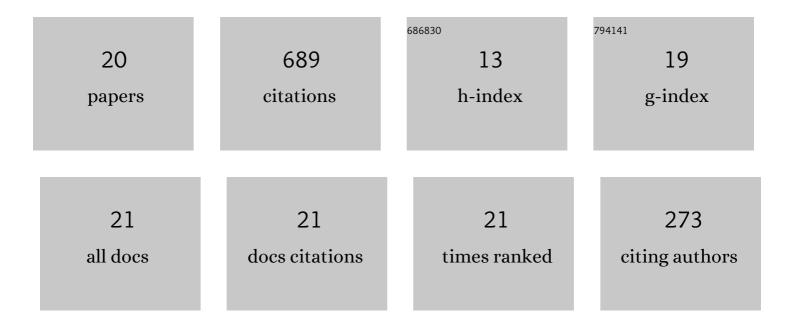
Kundan Samal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8206414/publications.pdf Version: 2024-02-01



Κιινσαν δαμαι

#	Article	IF	CITATIONS
1	Pharmaceutical wastewater as Emerging Contaminants (EC): Treatment technologies, impact on environment and human health. Energy Nexus, 2022, 6, 100076.	3.3	127
2	Ecological floating bed (EFB) for decontamination of polluted water bodies: Design, mechanism and performance. Journal of Environmental Management, 2019, 251, 109550.	3.8	87
3	Treatment of wastewater by vermifiltration integrated with macrophyte filter: A review. Journal of Environmental Chemical Engineering, 2017, 5, 2274-2289.	3.3	78
4	Vermifiltration as a sustainable natural treatment technology for the treatment and reuse of wastewater: A review. Journal of Environmental Management, 2019, 247, 140-151.	3.8	49
5	Assessment of compost maturity-stability indices and recent development of composting bin. Energy Nexus, 2022, 6, 100062.	3.3	45
6	Performance assessment of a Canna indica assisted vermifilter for synthetic dairy wastewater treatment. Chemical Engineering Research and Design, 2017, 111, 363-374.	2.7	39
7	Application of vermitechnology in waste management: A review on mechanism and performance. Journal of Environmental Chemical Engineering, 2019, 7, 103392.	3.3	39
8	Design and development of a hybrid macrophyte assisted vermifilter for the treatment of dairy wastewater: A statistical and kinetic modelling approach. Science of the Total Environment, 2018, 645, 156-169.	3.9	37
9	Waste Stabilization Pond (WSP) for wastewater treatment: A review on factors, modelling and cost analysis. Journal of Environmental Management, 2022, 308, 114668.	3.8	35
10	Effect of hydraulic loading rate and pollutants degradation kinetics in two stage hybrid macrophyte assisted vermifiltration system. Biochemical Engineering Journal, 2018, 132, 47-59.	1.8	29
11	A comparative study of macrophytes influence on performance of hybrid vermifilter for dairy wastewater treatment. Journal of Environmental Chemical Engineering, 2018, 6, 4714-4726.	3.3	29
12	Emission of greenhouse gases (GHGs) during composting and vermicomposting: Measurement, mitigation, and perspectives. Energy Nexus, 2022, 7, 100092.	3.3	24
13	Challenges in the implementation of Phyto Fuel System (PFS) for wastewater treatment and harnessing bio-energy. Journal of Environmental Chemical Engineering, 2020, 8, 104388.	3.3	16
14	Biological Treatment of Contaminants of Emerging Concern in Wastewater: A Review. Journal of Hazardous, Toxic, and Radioactive Waste, 2022, 26, .	1.2	14
15	Design of faecal sludge treatment plant (FSTP) and availability of its treatment technologies. Energy Nexus, 2022, 7, 100091.	3.3	13
16	Assessing the impact of vegetation coverage ratio in a floating water treatment bed of Pistia stratiotes. SN Applied Sciences, 2021, 3, 1.	1.5	12
17	A statistical and kinetic approach to develop a Floating Bed for the treatment of wastewater. Journal of Environmental Chemical Engineering, 2020, 8, 104102.	3.3	7
18	Modelling of pollutants removal in Integrated Vermifilter (IVmF) using response surface methodology. Cleaner Engineering and Technology, 2021, 2, 100060.	2.1	6

#	Article	IF	CITATIONS
19	Investigation on the Effect of Planting Canna Indica in Two-Stage Vermifilter for Synthetic Dairy Wastewater Treatment. Lecture Notes in Civil Engineering, 2020, , 289-297.	0.3	3
20	Incorporation of Earthworms and Dolochar in Biofilter: An Attempt Towards Maximizing Nutrients Removal. Lecture Notes in Civil Engineering, 2020, , 409-415.	0.3	0