

Kundan Samal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

267
citations

9
h-index

16
g-index

21
ext. papers

432
ext. citations

5
avg, IF

4.14
L-index

#	Paper	IF	Citations
19	Treatment of wastewater by vermifiltration integrated with macrophyte filter: A review. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 2274-2289	6.8	50
18	Ecological floating bed (EFB) for decontamination of polluted water bodies: Design, mechanism and performance. <i>Journal of Environmental Management</i> , 2019 , 251, 109550	7.9	43
17	Vermifiltration as a sustainable natural treatment technology for the treatment and reuse of wastewater: A review. <i>Journal of Environmental Management</i> , 2019 , 247, 140-151	7.9	33
16	Performance assessment of a <i>Canna indica</i> assisted vermifilter for synthetic dairy wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2017 , 111, 363-374	5.5	26
15	Design and development of a hybrid macrophyte assisted vermifilter for the treatment of dairy wastewater: A statistical and kinetic modelling approach. <i>Science of the Total Environment</i> , 2018 , 645, 156-169	10.2	24
14	Effect of hydraulic loading rate and pollutants degradation kinetics in two stage hybrid macrophyte assisted vermifiltration system. <i>Biochemical Engineering Journal</i> , 2018 , 132, 47-59	4.2	22
13	A comparative study of macrophytes influence on performance of hybrid vermifilter for dairy wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4714-4726	6.8	17
12	Application of vermitechnology in waste management: A review on mechanism and performance. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103392	6.8	14
11	Challenges in the implementation of Phyto Fuel System (PFS) for wastewater treatment and harnessing bio-energy. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104388	6.8	9
10	Assessment of compost maturity-stability indices and recent development of composting bin. <i>Energy Nexus</i> , 2022 , 6, 100062		6
9	Modelling of pollutants removal in Integrated Vermifilter (IVmF) using response surface methodology. <i>Cleaner Engineering and Technology</i> , 2021 , 2, 100060	2.7	5
8	Waste Stabilization Pond (WSP) for wastewater treatment: A review on factors, modelling and cost analysis.. <i>Journal of Environmental Management</i> , 2022 , 308, 114668	7.9	4
7	A statistical and kinetic approach to develop a Floating Bed for the treatment of wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104102	6.8	3
6	Assessing the impact of vegetation coverage ratio in a floating water treatment bed of <i>Pistia stratiotes</i> . <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	3
5	Pharmaceutical wastewater as Emerging Contaminants (EC): Treatment technologies, impact on environment and human health. <i>Energy Nexus</i> , 2022 , 6, 100076		3
4	Investigation on the Effect of Planting <i>Canna Indica</i> in Two-Stage Vermifilter for Synthetic Dairy Wastewater Treatment. <i>Lecture Notes in Civil Engineering</i> , 2020 , 289-297	0.3	2
3	Biological Treatment of Contaminants of Emerging Concern in Wastewater: A Review. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2022 , 26,	2.3	1

- 2 Incorporation of Earthworms and Dolochar in Biofilter: An Attempt Towards Maximizing Nutrients Removal. *Lecture Notes in Civil Engineering*, **2020**, 409-415 0.3
- 1 Hydro Economy: Environmental Sustainability of Water and Wastewater Resources and Infrastructure. *Lecture Notes in Civil Engineering*, **2022**, 181-197 0.3