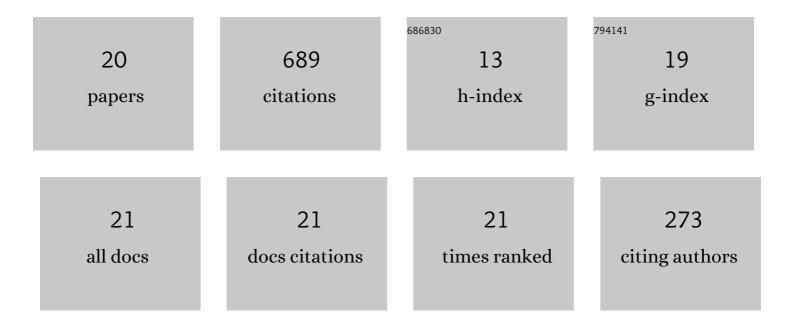
## Kundan Samal

List of Publications by Year in descending order

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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<br>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<br>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.<br>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<br>wastewater: A statistical and kinetic modelling approach. Science of the Total Environment, 2018, 645,<br>156-169. | 3.9 | 37        |
| 9  | Waste Stabilization Pond (WSP) for wastewater treatment: A review on factors, modelling and cost<br>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<br>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<br>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<br>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<br>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<br>Removal. Lecture Notes in Civil Engineering, 2020, , 409-415.                 | 0.3 | 0         |