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DATA DRIVEN AI (ARTIFICIAL INTELLIGENCE) DETECTION FURNISH ECONOMIC PATHWAYS FOR MICROPLASTICS

Microplastics pollution is killing human life, contaminating our oceans, and lasting for longer in the environment than it is used. Microplastics have contaminated the geochemistry and turned the water system into trash barrels. Its detection in water is easier compared to soil and air so the attention of researchers is focused on it for now. Being very small in size, microplastics can easily cross the water filtration system and end up in the ocean or lakes and become a prospective challenge to aquatic life. This review piece provides the hot research theme and current advances in the field of microplastics and their eradication through the virtual world of artificial intelligence (AI) because Microplastics have a confrontation with clean water tactics.

Keywords: writing, template, sixth, edition, self-discipline, good

Biography

Dr. Shefali Arora is working as an Associate Professor, at the Department of Chemistry, University of Petroleum and Energy Studies (UPES), Dehradun (UK), India. She did her Ph.D. From IIT, Roorkee in 2003. Dr. Shefali Arora has around 22 years of experience in both teaching and research. She has been engaged in research work since July 1999. She has published 70 research papers in international journals and 45 papers were presented at various national and international conferences. She has published five books, two manuals, and three patents. Her research area is natural product chemistry, synthesizing heterocyclic compounds, and their biological activity. She is working on minor projects related to essential oil. She is the reviewer of more than 10 journals and an Editorial Board Member of the Mintage Journal of Pharmaceutical and Medical Sciences, Journal of Analgesic, and Journal of Plant Sciences. Dr. Arora's scholarly impact is evident from her notable Citations-1559, h-index-17, and i10-index-22. Currently, three PhD students are working under her guidance, and one consultancy project is going on.

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