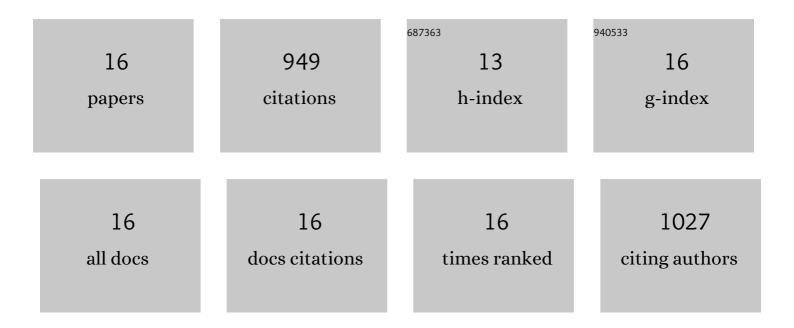
Rashmi Rathour

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Biotechnological potential of rumen microbiota for sustainable bioconversion of lignocellulosic waste to biofuels and value-added products. Science of the Total Environment, 2022, 814, 152773.	8.0	45
2	Multi-criteria research lines on livestock manure biorefinery development towards a circular economy: From the perspective of a life cycle assessment and business models strategies. Journal of Cleaner Production, 2022, 341, 130862.	9.3	64
3	Multifunctional applications of bamboo crop beyond environmental management: an Indian prospective. Bioengineered, 2022, 13, 8893-8914.	3.2	34
4	Biogeochemical profiling and taxonomic characterization of municipal landfill site by metagenomic sequencing. Bioresource Technology, 2022, 351, 126936.	9.6	13
5	Genomic insights into waste valorized extracellular polymeric substances (EPS) produced by Bacillus sp. ISTL8. Environmental Research, 2021, 192, 110277.	7.5	20
6	Integrated approach of whole-genome analysis, toxicological evaluation and life cycle assessment for pyrene biodegradation by a psychrophilic strain, Shewanella sp. ISTPL2. Environmental Pollution, 2021, 269, 116176.	7.5	13
7	Integrated analysis of Whole genome sequencing and life cycle assessment for polyhydroxyalkanoates production by Cupriavidus sp. ISTL7. Bioresource Technology, 2021, 337, 125418.	9.6	19
8	Degradation and detoxification of phenanthrene by actinobacterium Zhihengliuella sp. ISTPL4. Environmental Science and Pollution Research, 2020, 27, 27256-27267.	5.3	16
9	A comparative metagenomic study reveals microbial diversity and their role in the biogeochemical cycling of Pangong lake. Science of the Total Environment, 2020, 731, 139074.	8.0	58
10	Algae as potential feedstock for the production of biofuels and value-added products: Opportunities and challenges. Science of the Total Environment, 2020, 716, 137116.	8.0	299
11	Bacterial polyhydroxyalkanoates: Opportunities, challenges, and prospects. Journal of Cleaner Production, 2020, 263, 121500.	9.3	145
12	Production and characterization of psychrophilic α-amylase from a psychrophilic bacterium, <i>Shewanella</i> sp. ISTPL2. Amylase, 2020, 4, 1-10.	1.6	7
13	Production and characterization of extracellular polymeric substances (EPS) generated by a carbofuran degrading strain Cupriavidus sp. ISTL7. Bioresource Technology, 2019, 282, 417-424.	9.6	84
14	Biodegradation of pyrene in soil microcosm by Shewanella sp. ISTPL2, a psychrophilic, alkalophilic and halophilic bacterium. Bioresource Technology Reports, 2018, 4, 129-136.	2.7	49
15	Metagenomic Sequencing of Microbial Communities from Brackish Water of Pangong Lake of the Northwest Indian Himalayas. Genome Announcements, 2017, 5, .	0.8	24
16	Biodiesel production from lipid of carbon dioxide sequestrating bacterium and lipase of psychrotolerant Pseudomonas sp. ISTPL3 immobilized on biochar. Bioresource Technology, 2017, 245, 743-750.	9.6	59