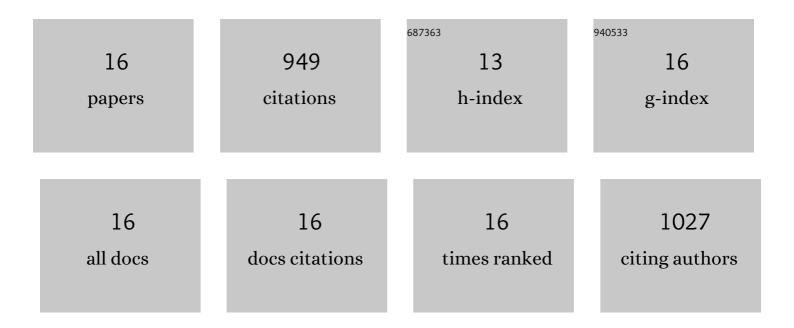
Rashmi Rathour

List of Publications by Year in descending order

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Ρλομμι Ρλτησιιά

#	Article	IF	CITATIONS
1	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
2	Bacterial polyhydroxyalkanoates: Opportunities, challenges, and prospects. Journal of Cleaner Production, 2020, 263, 121500.	9.3	145
3	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
4	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
5	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
6	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
7	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
8	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
9	Multifunctional applications of bamboo crop beyond environmental management: an Indian prospective. Bioengineered, 2022, 13, 8893-8914.	3.2	34
10	Metagenomic Sequencing of Microbial Communities from Brackish Water of Pangong Lake of the Northwest Indian Himalayas. Genome Announcements, 2017, 5, .	0.8	24
11	Genomic insights into waste valorized extracellular polymeric substances (EPS) produced by Bacillus sp. ISTL8. Environmental Research, 2021, 192, 110277.	7.5	20
12	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
13	Degradation and detoxification of phenanthrene by actinobacterium Zhihengliuella sp. ISTPL4. Environmental Science and Pollution Research, 2020, 27, 27256-27267.	5.3	16
14	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
15	Biogeochemical profiling and taxonomic characterization of municipal landfill site by metagenomic sequencing. Bioresource Technology, 2022, 351, 126936.	9.6	13
16	Production and characterization of psychrophilic α-amylase from a psychrophilic bacterium, <i>Shewanella</i> sp. ISTPL2. Amylase, 2020, 4, 1-10.	1.6	7