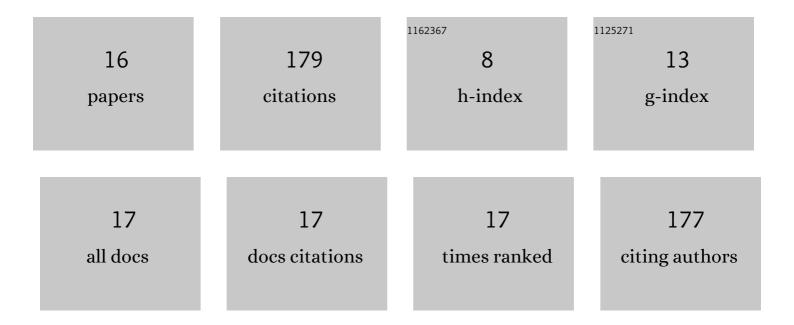
## Smita Raghuuvanshi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2386744/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Experimental studies and kinetic modeling for removal of methyl ethyl ketone using biofiltration. Bioresource Technology, 2009, 100, 3855-3861.	4.8	39
2	Biofiltration for removal of methyl isobutyl ketone (MIBK): Experimental studies and kinetic modelling. Environmental Technology (United Kingdom), 2010, 31, 29-40.	1.2	21
3	Biodegradation kinetics of methyl iso-butyl ketone by acclimated mixed culture. Biodegradation, 2010, 21, 31-42.	1.5	17
4	A comprehensive study on the behavior of a novel bacterial strain Acinetobacter guillouiae for bioremediation of divalent copper. Bioprocess and Biosystems Engineering, 2015, 38, 1749-1760.	1.7	13
5	Energetic assessment of fixation of CO2 and subsequent biofuel production using B. cereus SM1 isolated from sewage treatment plant. Bioprocess and Biosystems Engineering, 2016, 39, 1247-1258.	1.7	13
6	Life Cycle Assessment of Filtration Systems of Reverse Osmosis Units: A Case Study of a University Campus. Procedia CIRP, 2016, 40, 268-273.	1.0	12
7	Trends in Carbon Dioxide (CO2) Fixation by Microbial Cultivations. Current Sustainable/Renewable Energy Reports, 2020, 7, 40-47.	1.2	12
8	Application of novel thermo-tolerant haloalkalophilic bacterium Halomonas stevensii for bio mitigation of gaseous phase CO 2 : Energy assessment and product evaluation studies. Process Biochemistry, 2017, 55, 133-145.	1.8	11
9	Investigation on CO2 bio-mitigation using Halomonas stevensii in laboratory scale bioreactor: Design of downstream process and its economic feasibility analysis. Journal of CO2 Utilization, 2018, 24, 274-286.	3.3	9
10	Application of a hybrid biofilter column for the removal of Cr(VI) from aqueous solution using an indigenous bacterial strain <i>Pseudomonas taiwanensis</i> . Bioremediation Journal, 2016, 20, 10-23.	1.0	6
11	Integrated approach for microbial carbon dioxide (CO2) fixation process and wastewater treatment for the production of hydrocarbons: Experimental studies. Journal of Environmental Chemical Engineering, 2021, 9, 105116.	3.3	6
12	Estimation of Kinetic Parameters for Bioremediation of Cr(VI) from Wastewater UsingPseudomonas taiwanensis,an Isolated Strain from Enriched Mixed Culture. Bioremediation Journal, 2014, 18, 236-247.	1.0	5
13	Simultaneous sequestration of ternary metal ions (Cr6+, Cu2+ and Zn2+) from aqueous solution by an indigenous bacterial consortium. Chemical Engineering Research and Design, 2016, 102, 786-798.	2.7	5
14	Carbon dioxide to bioâ€fuels by mixed and pure microbial cultures isolated from activated sludge: relative evaluation of CO 2 fixation, biodiesel production, and thermodynamic analysis. , 2019, 9, 1135-1157.		4
15	Bio-Mitigation of Carbon Dioxide Using Desmodesmus sp. in the Custom-Designed Pilot-Scale Loop Photobioreactor. Sustainability, 2021, 13, 9882.	1.6	3
16	Sequestration of Zn2+ from aqueous solution using Klebsiella pneumoniae: Batch kinetics and continuous studies. Journal of Water Process Engineering, 2016, 12, 89-104.	2.6	1