

Shibani Chaudhury

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1155461/publications.pdf>

Version: 2024-02-01

18
papers

562
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of physico-chemical mechanisms of biogas production by microbial communities: a step towards sustainable waste management. <i>3 Biotech</i> , 2016, 6, 72.	2.2	92
2	A <i>Bacillus</i> strain TCL isolated from Jharia coalmine with remarkable stress responses, chromium reduction capability and bioremediation potential. <i>Journal of Hazardous Materials</i> , 2019, 367, 215-223.	12.4	89
3	Antioxidant responses of the earthworm <i>Lampito mauritii</i> exposed to Pb and Zn contaminated soil. <i>Environmental Pollution</i> , 2008, 151, 1-7.	7.5	83
4	Biogas production from locally available aquatic weeds of Santiniketan through anaerobic digestion. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 1681-1688.	4.1	70
5	Metallothionein response in earthworms <i>Lampito mauritii</i> (Kinberg) exposed to fly ash. <i>Chemosphere</i> , 2009, 77, 319-324.	8.2	44
6	Influence of volatile fatty acids in different inoculum to substrate ratio and enhancement of biogas production using water hyacinth and salvinia. <i>Bioresource Technology</i> , 2018, 270, 409-415.	9.6	37
7	Metallothionein responses in the earthworm <i>Lampito mauritii</i> (Kinberg) following lead and zinc exposure: A promising tool for monitoring metal contamination. <i>European Journal of Soil Biology</i> , 2011, 47, 69-71.	3.2	33
8	EDTA-Enhanced Phytoextraction by <i>Tagetes sp.</i> and Effect on Bioconcentration and Translocation of Heavy Metals. <i>Environmental Processes</i> , 2016, 3, 735-746.	3.5	29
9	In Vitro Callus Culture of <i>Heliotropium indicum</i> Linn. for Assessment of Total Phenolic and Flavonoid Content and Antioxidant Activity. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2897-2909.	2.9	20
10	Insect gut bacteria: a promising tool for enhanced biogas production. <i>Reviews in Environmental Science and Biotechnology</i> , 2022, 21, 1-25.	8.1	20
11	Enhanced biogas production from <i>Lantana camara</i> via bioaugmentation of cellulolytic bacteria. <i>Bioresource Technology</i> , 2021, 340, 125652.	9.6	15
12	Optimization of growth determinants of a potent cellulolytic bacterium isolated from lignocellulosic biomass for enhancing biogas production. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1565-1583.	4.1	13
13	State of the Art Research on Sustainable Use of Water Hyacinth: A Bibliometric and Text Mining Analysis. <i>Informatics</i> , 2021, 8, 38.	3.9	5
14	Optimization of the quality of reverse osmosis-treated coal bed water in relation to its effect on soil health. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	4
15	Chemical Speciation and Mobility of Some Trace Elements in Vermicomposted Fly Ash. <i>Soil and Sediment Contamination</i> , 2014, 23, 917-931.	1.9	3
16	Monitoring of Soil Environment Under Influence of Coal Bed Water. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	3
17	Consumption of <i>Pila globosa</i> (Swainson) collected from organophosphate applied paddy fields: human health risks. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33281-33294.	5.3	1
18	Biological pretreatment for enhancement of biogas production. , 2022, , 101-114.		1