

Ashutosh Kumar Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

693
citations

567144

15
h-index

887953

17
g-index

24
all docs

24
docs citations

24
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and applications of photobioreactors- a review. Bioresource Technology, 2022, 349, 126858.	4.8	90
2	Role of microbial community and metal-binding proteins in phytoremediation of heavy metals from industrial wastewater. Bioresource Technology, 2021, 326, 124750.	4.8	84
3	Critical review on microbial community during in-situ bioremediation of heavy metals from industrial wastewater. Environmental Technology and Innovation, 2021, 24, 101826.	3.0	65
4	Kinetic and thermodynamic investigations of sewage sludge biochar in removal of Remazol Brilliant Blue R dye from aqueous solution and evaluation of residual dyes cytotoxicity. Environmental Technology and Innovation, 2021, 23, 101556.	3.0	58
5	Biocatalytic remediation of industrial pollutants for environmental sustainability: Research needs and opportunities. Chemosphere, 2021, 272, 129936.	4.2	55
6	Dark fermentation: Production and utilization of volatile fatty acid from different wastes- A review. Chemosphere, 2022, 288, 132444.	4.2	44
7	Harnessing fruit waste for poly-3-hydroxybutyrate production: A review. Bioresource Technology, 2021, 326, 124734.	4.8	38
8	Application of Microbial Enzymes in Industrial Waste Water Treatment. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1243-1254.	0.0	38
9	Production of microalgae with high lipid content and their potential as sources of nutraceuticals. Phytochemistry Reviews, 2023, 22, 833-860.	3.1	38
10	Recent advances in computational fluid dynamics (CFD) modelling of photobioreactors: Design and applications. Bioresource Technology, 2022, 350, 126920.	4.8	34
11	Emerging industrial applications of microalgae: challenges and future perspectives. Systems Microbiology and Biomanufacturing, 2021, 1, 411-431.	1.5	28
12	Recent advances in black liquor valorization. Bioresource Technology, 2022, 350, 126916.	4.8	26
13	Determination of landfill gas generation potential from lignocellulose biomass contents of municipal solid waste. Science of the Total Environment, 2021, 785, 147243.	3.9	25
14	Response surface methodology and artificial neural network modelling for enhancing maturity parameters during vermicomposting of floral waste. Bioresource Technology, 2021, 324, 124672.	4.8	24
15	Detection and removal of poly and perfluoroalkyl polluting substances for sustainable environment. Journal of Environmental Management, 2021, 297, 113336.	3.8	17
16	Solution for Sustainable Development for Developing Countries: Waste Water Treatment by Use of Membranes - A Review. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1212-1228.	0.0	8
17	Microbial Production and Applications of L-lysine. , 2020, , 211-229.		6
18	Valorization of pretreated waste activated sludge to organic acids and biopolymer. Chemosphere, 2022, 303, 135078.	4.2	5

#	ARTICLE	IF	CITATIONS
19	Production and applications of pullulan. , 2021, , 165-221.		3
20	Production and applications of polylactic acid. , 2021, , 309-357.		3
21	Pectin. , 2021, , 101-128.		3
22	Thermoplastic starch. , 2021, , 31-49.		1
23	Microplastics in aquatic and terrestrial environment. , 2021, , 11-29.		0
24	Production and applications of polyglutamic acid. , 2021, , 253-282.		0