Ashutosh Kumar Pandey

List of Publications by Year
in descending order

20 papers	723 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	710 citing authors

#	Article	IF	Citations
1	Role of microbial community and metal-binding proteins in phytoremediation of heavy metals from industrial wastewater. Bioresource Technology, 2021, 326, 124750.	9.6	84
2	Air pollution tolerance index and anticipated performance index of some plant species for development of urban forest. Urban Forestry and Urban Greening, 2015, 14, 866-871.	5.3	67
3	Critical review on microbial community during in-situ bioremediation of heavy metals from industrial wastewater. Environmental Technology and Innovation, 2021, 24, 101826.	6.1	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.	6.1	58
5	Biocatalytic remediation of industrial pollutants for environmental sustainability: Research needs and opportunities. Chemosphere, 2021, 272, 129936.	8.2	55
6	Air Pollution Tolerance Index of climber plant species to develop Vertical Greenery Systems in a polluted tropical city. Landscape and Urban Planning, 2015, 144, 119-127.	7.5	53
7	Risk assessment of metal species in sediments of the river Ganga. Catena, 2014, 122, 140-149.	5.0	46
8	Assessment of metal species in river Ganga sediment at Varanasi, India using sequential extraction procedure and SEM–EDS. Chemosphere, 2015, 134, 466-474.	8.2	44
9	Dark fermentation: Production and utilization of volatile fatty acid from different wastes- A review. Chemosphere, 2022, 288, 132444.	8.2	44
10	Assessment of Air Pollution Tolerance Index of some plants to develop vertical gardens near street canyons of a polluted tropical city. Ecotoxicology and Environmental Safety, 2016, 134, 358-364.	6.0	42
11	Assessment of anticipated performance index of some deciduous plant species under dust air pollution. Environmental Science and Pollution Research, 2020, 27, 38987-38994.	5.3	25
12	Determination of landfill gas generation potential from lignocellulose biomass contents of municipal solid waste. Science of the Total Environment, 2021, 785, 147243.	8.0	25
13	Response surface methodology and artificial neural network modelling for enhancing maturity parameters during vermicomposting of floral waste. Bioresource Technology, 2021, 324, 124672.	9.6	24
14	Application of chemometric analysis and self Organizing Map-Artificial Neural Network as source receptor modeling for metal speciation in river sediment. Environmental Pollution, 2015, 204, 64-73.	7.5	19
15	Assessment of growth, physiological, and yield attributes of wheat cultivar HD 2967 under elevated ozone exposure adopting timely and delayed sowing conditions. Environmental Science and Pollution Research, 2020, 27, 17205-17220.	5.3	17
16	Detection and removal of poly and perfluoroalkyl polluting substances for sustainable environment. Journal of Environmental Management, 2021, 297, 113336.	7.8	17
17	Speciation of carcinogenic and non-carcinogenic metals in respirable suspended particulate matter (PM10) in Varanasi, India. Urban Climate, 2017, 19, 141-154.	5.7	16
18	Assessment of metal bioaccumulation in Mastacembelus armatus (eel) and exposure evaluation in human. Environmental Nanotechnology, Monitoring and Management, 2017, 7, 103-109.	2.9	11

#	Article	IF	Citations
19	Tobacco Chloroplasts as Bioreactors for the Production of Recombinant Superoxide Dismutase in Plants, an Industrially Useful Enzyme. Plant Molecular Biology Reporter, 2015, 33, 1107-1115.	1.8	9
20	Assessment of the bioaccumulation of selected metals in Channa punctatus and Rita rita and exposure evaluation in humans. Regional Studies in Marine Science, 2017, 11, 1-8.	0.7	2