

# Ashutosh Kumar Pandey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7214692/publications.pdf>

Version: 2024-02-01

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	Dark fermentation: Production and utilization of volatile fatty acid from different wastes- A review. Chemosphere, 2022, 288, 132444.	8.2	44
2	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
3	Role of microbial community and metal-binding proteins in phytoremediation of heavy metals from industrial wastewater. Bioresource Technology, 2021, 326, 124750.	9.6	84
4	Biocatalytic remediation of industrial pollutants for environmental sustainability: Research needs and opportunities. Chemosphere, 2021, 272, 129936.	8.2	55
5	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
6	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
7	Detection and removal of poly and perfluoroalkyl polluting substances for sustainable environment. Journal of Environmental Management, 2021, 297, 113336.	7.8	17
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Tobacco Chloroplasts as Bioreactors for the Production of Recombinant Superoxide Dismutase in Plants, an Industrially Useful Enzyme. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1107-1115.	1.8	9
20	Risk assessment of metal species in sediments of the river Ganga. <i>Catena</i> , 2014, 122, 140-149.	5.0	46