

# Adarsh Kumar

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

594

citations

16

h-index

23

g-index

43

ext. papers

816

ext. citations

4.4

avg, IF

4.74

L-index

#	Paper	IF	Citations
38	Seasonal variation in heavy metal contaminations in water and sediments of Jamshedpur stretch of Subarnarekha river, India. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	67
37	Biochar and flyash inoculated with plant growth promoting rhizobacteria act as potential biofertilizer for luxuriant growth and yield of tomato plant. <i>Journal of Environmental Management</i> , <b>2017</b> , 190, 20-27	7.9	49
36	Assessment of potentially toxic heavy metal contamination in agricultural fields, sediment, and water from an abandoned chromite-asbestos mine waste of Roro hill, Chaibasa, India. <i>Environmental Earth Sciences</i> , <b>2015</b> , 74, 2617-2633	2.9	48
35	Effect of Organic Manures on the Growth of <i>Cymbopogon citratus</i> and <i>Chrysopogon zizanioides</i> for the Phytoremediation of Chromite-Asbestos Mine Waste: A Pot Scale Experiment. <i>International Journal of Phytoremediation</i> , <b>2015</b> , 17, 437-47	3.9	34
34	Grasses and legumes facilitate phytoremediation of metalliferous soils in the vicinity of an abandoned chromite-asbestos mine. <i>Journal of Soils and Sediments</i> , <b>2017</b> , 17, 1358-1368	3.4	29
33	(L.) (Indian mustard): a putative plant species to facilitate the phytoremediation of mercury contaminated soils. <i>International Journal of Phytoremediation</i> , <b>2020</b> , 22, 733-744	3.9	27
32	Reclamation of coal mine spoil and its effect on Technosol quality and carbon sequestration: a case study from India. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 27992-28003	5.1	27
31	Bioaccumulation of metals in timber and edible fruit trees growing on reclaimed coal mine overburden dumps. <i>International Journal of Mining, Reclamation and Environment</i> , <b>2016</b> , 30, 231-244	2.2	23
30	Metal contamination in water and bioaccumulation of metals in the planktons, molluscs and fishes in Jamshedpur stretch of Subarnarekha River of Chotanagpur plateau, India. <i>Water and Environment Journal</i> , <b>2015</b> , 29, 207-213	1.7	23
29	Thiols as biomarkers of heavy metal tolerance in the aquatic macrophytes of Middle Urals, Russia. <i>International Journal of Phytoremediation</i> , <b>2016</b> , 18, 1037-45	3.9	21
28	Stabilization of tannery sludge amended soil using <i>Ricinus communis</i> , <i>Brassica juncea</i> and <i>Nerium oleander</i> . <i>Journal of Soils and Sediments</i> , <b>2017</b> , 17, 1449-1458	3.4	20
27	Effect of commercial pesticides on plant growth-promoting activities of <i>Burkholderia</i> sp. strain L2 isolated from rhizosphere of <i>Lycopersicon esculentum</i> cultivated in agricultural soil. <i>Toxicological and Environmental Chemistry</i> , <b>2015</b> , 97, 1180-1189	1.4	20
26	Translocation and bioaccumulation of metals in <i>Oryza sativa</i> and <i>Zea mays</i> growing in chromite-asbestos contaminated agricultural fields, Jharkhand, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2014</b> , 93, 434-41	2.7	19
25	Biodiversity variability and metal accumulation strategies in plants spontaneously inhibiting fly ash lagoon, India. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 22990-23005	5.1	19
24	Mercury remediation potential of <i>Brassica juncea</i> (L.) Czern. for clean-up of flyash contaminated sites. <i>Chemosphere</i> , <b>2020</b> , 248, 125857	8.4	17
23	Bioaugmentation with copper tolerant endophyte <i>Pseudomonas lurida</i> strain EOO26 for improved plant growth and copper phytoremediation by <i>Helianthus annuus</i> . <i>Chemosphere</i> , <b>2021</b> , 266, 128983	8.4	16
22	Urea increased nickel and copper accumulation in the leaves of <i>Egeria densa</i> (Planch.) Casp. and <i>Ceratophyllum demersum</i> L. during short-term exposure. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 152-159	7	15

21	Synergistic effect of ACC deaminase producing <i>Pseudomonas</i> sp. TR15a and siderophore producing <i>Bacillus aerophilus</i> TR15c for enhanced growth and copper accumulation in <i>Helianthus annuus</i> L. <i>Chemosphere</i> , <b>2021</b> , 276, 130038	8.4	15
20	Evaluation of toxic metal(loid)s concentration in soils around an open-cast coal mine (Eastern India). <i>Environmental Earth Sciences</i> , <b>2019</b> , 78, 1	2.9	13
19	High dose of urea enhances the nickel and copper toxicity in Brazilian elodea ( <i>Egeria densa</i> Planch. Casp.). <i>Revista Brasileira De Botanica</i> , <b>2016</b> , 39, 965-972	1.2	11
18	Changes in soil properties and carbon fluxes following afforestation and agriculture in tropical forest. <i>Ecological Indicators</i> , <b>2021</b> , 123, 107354	5.8	10
17	Toxic metal(loid)s contamination and potential human health risk assessment in the vicinity of century-old copper smelter, Karabash, Russia. <i>Environmental Geochemistry and Health</i> , <b>2020</b> , 42, 4113-4124	4.7	10
16	Enhanced phytoextraction of multi-metal contaminated soils under increased atmospheric temperature by bioaugmentation with plant growth promoting <i>Bacillus cereus</i> . <i>Journal of Environmental Management</i> , <b>2021</b> , 289, 112553	7.9	9
15	Effect of Fast-Growing Trees on Soil Properties and Carbon Storage in an Afforested Coal Mine Land (India). <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 840	2.4	8
14	COMPARATIVE STUDY ON BIOACCUMULATION AND TRANSLOCATION OF METALS IN BERMUDA GRASS ( <i>CYNODON DACTYLON</i> ) NATURALLY GROWING ON FLY ASH LAGOON AND TOPSOIL. <i>Applied Ecology and Environmental Research</i> , <b>2016</b> , 14, 1-12	1.9	7
13	Phytomanagement of Chromium Contaminated Brown Fields <b>2019</b> , 447-469		4
12	A comparative study of <i>Epipactis atrorubens</i> in two different forest communities of the Middle Urals, Russia. <i>Journal of Forestry Research</i> , <b>2020</b> , 31, 2111-2120	2	4
11	Nickel and copper accumulation strategies in <i>Odontarrhena obovata</i> growing on copper smelter-influenced and non-influenced serpentine soils: a comparative field study. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 43, 1401-1413	4.7	4
10	Mycoremediation for Mine Site Rehabilitation <b>2018</b> , 233-260		4
9	Evaluation of geotechnical properties of overburden dump for better reclamation success in mining areas. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	3
8	Ground water quality evaluation in the lean period of a mining township. <i>Applied Water Science</i> , <b>2017</b> , 7, 3553-3560	5	3
7	Plant growth promoting bacteria improve growth and phytostabilization potential of <i>Zea mays</i> under chromium and drought stress by altering photosynthetic and antioxidant responses. <i>Environmental Technology and Innovation</i> , <b>2022</b> , 25, 102154	7	3
6	Energy Plantations, Medicinal and Aromatic Plants on Contaminated Soil <b>2016</b> , 29-47		3
5	Integrative artificial intelligence models for Australian coastal sediment lead prediction: An investigation of in-situ measurements and meteorological parameters effects.. <i>Journal of Environmental Management</i> , <b>2022</b> , 309, 114711	7.9	2
4	Chromium tolerant plant growth promoting rhizobacteria from the rhizosphere of <i>Trifolium pratense</i> and <i>Melilotus albus</i> <b>2019</b> ,		1

- 3 Adaptive potential of *Typha latifolia* L. under extreme technogenic pollution **2019**, 1
- 2 Scope for Applying Transgenic Plant Technology for Remediation and Fortification of Selenium **2019**, 429-461 0
- 1 Synergism of Industrial and Agricultural Waste as a Suitable Carrier Material for Developing Potential Biofertilizer for Sustainable Agricultural Production of Eggplant. *Horticulturae*, **2022**, 8, 444 2.5 0