

# Mayank Varun

## 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.

30  
papers

507  
citations

14  
h-index

22  
g-index

31  
ext. papers

594  
ext. citations

4.5  
avg, IF

3.88  
L-index

#	Paper	IF	Citations
30	Accumulation of uranium by aquatic plants in field conditions: prospects for phytoremediation. <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 993-1002	10.2	56
29	Phytoremediation assessment of flora tolerant to heavy metals in the contaminated soils of an abandoned Pb mine in Central Portugal. <i>Chemosphere</i> , <b>2013</b> , 90, 2216-25	8.4	45
28	Identification of <i>Calotropis procera</i> L. as a potential phytoaccumulator of heavy metals from contaminated soils in Urban North Central India. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 184, 457-464	12.8	44
27	Metal contamination of soils and plants associated with the glass industry in North Central India: prospects of phytoremediation. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 269-81	5.1	43
26	The effect of plant growth-promoting rhizobacteria on the growth, physiology, and Cd uptake of <i>Arundo donax</i> L. <i>International Journal of Phytoremediation</i> , <b>2017</b> , 19, 360-370	3.9	34
25	Assessment of edibility and effect of arbuscular mycorrhizal fungi on <i>Solanum melongena</i> L. grown under heavy metal(loid) contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 318-326	7	32
24	Cadmium toxicity in cowpea plant: Effect of foliar intervention of nano-TiO on tissue Cd bioaccumulation, stress enzymes and potential dietary health risk. <i>Journal of Biotechnology</i> , <b>2020</b> , 310, 54-61	3.7	31
23	Metal(loid) accumulation in aquatic plants of a mining area: Potential for water quality biomonitoring and biogeochemical prospecting. <i>Chemosphere</i> , <b>2018</b> , 194, 158-170	8.4	28
22	Spatial Distribution of Heavy Metals in Soil and Flora Associated with the Glass Industry in North Central India: Implications for Phytoremediation. <i>Soil and Sediment Contamination</i> , <b>2013</b> , 22, 1-20	3.2	20
21	Effect of <i>Glomus mossae</i> on accumulation efficiency, hazard index and antioxidant defense mechanisms in tomato under metal(loid) Stress. <i>International Journal of Phytoremediation</i> , <b>2018</b> , 20, 885-894	3.9	19
20	Phytoextraction potential of <i>Prosopis juliflora</i> (Sw.) DC. with specific reference to lead and cadmium. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2011</b> , 87, 45-9	2.7	17
19	Distribution of rare earth elements, thorium and uranium in streams and aquatic mosses of Central Portugal. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	14
18	Evaluating the trace metal pollution of an urban paddy soil and bioaccumulation in rice ( <i>Oryza sativa</i> L.) with the associated dietary risks to local population: a case study of Ilorin, north-central Nigeria. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	14
17	Phytoremediation of Soils Contaminated with Metals and Metalloids at Mining Areas: Potential of Native Flora <b>2014</b> ,		14
16	Identification of <i>Sesbania sesban</i> (L.) Merr. as an Efficient and Well Adapted Phytoremediation Tool for Cd Polluted Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2017</b> , 98, 867-873	2.7	13
15	Metal(loid) induced toxicity and defense mechanisms in <i>Spinacia oleracea</i> L.: Ecological hazard and Prospects for phytoremediation. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 183, 109570	7	11
14	Bioassay as monitoring system for lead phytoremediation through <i>Crinum asiaticum</i> L. <i>Environmental Monitoring and Assessment</i> , <b>2011</b> , 178, 373-81	3.1	11

13	Abutilon indicum L.: a prospective weed for phytoremediation. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 527	3.1	10
12	EDTA-Assisted Metal Uptake in Raphanus sativus L. and Brassica oleracea L.: Assessment of Toxicity and Food Safety. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2019</b> , 103, 490-495	2.7	9
11	Citrus Epicarp-Derived Biochar Reduced Cd Uptake and Ameliorates Oxidative Stress in Young Abelmoschus esculentus (L.) Moench (okra) Under Low Cd Stress. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2018</b> , 100, 827-833	2.7	7
10	Effect of elevated CO <sub>2</sub> on Vigna radiata and two weed species: yield, physiology and crop-weed interaction. <i>Crop and Pasture Science</i> , <b>2018</b> , 69, 617	2.2	6
9	Utilization and Supplementation of Phytoextraction Potential of Some Terrestrial Plants in Metal-Contaminated Soils <b>2015</b> , 177-200		5
8	PAH Contamination of Urban Soils and Phytoremediation <b>2015</b> , 219-241		5
7	Harnessing symbiosis for phytoremediation of soil contaminated with lead, cadmium, and arsenic. <i>International Journal of Phytoremediation</i> , <b>2021</b> , 23, 279-290	3.9	5
6	Ecological vulnerability assessment of trace metals in topsoil around a newly established metal scrap factory in southwestern Nigeria: geochemical, geospatial and exposure risk analyses. <i>Rendiconti Lincei</i> , <b>2016</b> , 27, 573-588	1.7	3
5	Phytoremediation: Uptake and Role of Metal Transporters in Some Members of Brassicaceae <b>2016</b> , 453-468		3
4	Heavy Metal Toxicity and Antioxidative Response in Plants: An Overview <b>2018</b> , 77-106		2
3	Metal Contamination of Soils and Prospects of Phytoremediation in and Around River Yamuna: A Case Study from North-Central India <b>2014</b> ,		1
2	Engineered nanomaterial-mediated changes in the growth and development of common agricultural crops <b>2022</b> , 345-375		1
1	Transfer of metals from crude oil impacted soils to some native wetland species, the Niger-delta, Nigeria: Implications for phytoremediation potentials. <i>Journal of Agricultural Sciences (Belgrade)</i> , <b>2016</b> , 61, 181-199	0.1	