

# Differential effects of citric acid on cadmium uptake and fescue and Kentucky bluegrass

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Management of tannery wastewater for improving growth attributes and reducing chromium uptake in spinach through citric acid application. Environmental Science and Pollution Research, 2018, 25, 10848-10856.	5.3	55
2	Effect of organic amendments on cadmium stress to pea: A multivariate comparison of germinating vs young seedlings and younger vs older leaves. Ecotoxicology and Environmental Safety, 2018, 151, 91-97.	6.0	45
3	CdCl <sub>2</sub> has zero-order kinetic cellular influx and induces cytotoxicity and genotoxicity at low concentrations in human leukocytes in vitro. Revista Colombiana De Ciencias Químico Farmacéuticas, 2019, 48, 145-158.	0.1	0
4	The activation and extraction systems using organic acids and <i>Lentinus edodes</i> to remediate cadmium contaminated soil. Environmental Pollution, 2019, 255, 113252.	7.5	24
5	Plant uptake and leaching potential upon application of amendments in soils spiked with heavy metals (Cd and Pb). Journal of Environmental Management, 2019, 249, 109408.	7.8	50
6	Individual and combinatorial application of <i>Kocuria rhizophila</i> and citric acid on phytoextraction of multi-metal contaminated soils by <i>Glycine max</i> L. Environmental and Experimental Botany, 2019, 159, 23-33.	4.2	67
7	Physiological responses and accumulation characteristics of turfgrasses exposed to potentially toxic elements. Journal of Environmental Management, 2019, 246, 796-807.	7.8	14
8	Role of Low Molecular Weight Compounds in Cadmium Stress Tolerance. , 2019, , 281-318.		0
9	Nickel uptake and distribution in <i>Agropyron cristatum</i> L. in the presence of pyrene. Ecotoxicology and Environmental Safety, 2019, 174, 370-376.	6.0	8
10	Subcellular distribution, chemical forms, and physiological response to cadmium stress in <i>Hydrilla verticillata</i> . International Journal of Phytoremediation, 2019, 21, 230-239.	3.1	13
11	A novel phytoextraction strategy based on harvesting the dead leaves: Cadmium distribution and chelator regulations among leaves of tall fescue. Science of the Total Environment, 2019, 650, 3041-3047.	8.0	28
12	Elucidation of the mechanisms into effects of organic acids on soil fertility, cadmium speciation and ecotoxicity in contaminated soil. Chemosphere, 2020, 239, 124706.	8.2	50
13	Citric acid as soil amendment in cadmium removal by <i>Salix viminalis</i> L., alterations on biometric attributes and photosynthesis. International Journal of Phytoremediation, 2020, 22, 29-39.	3.1	14
14	Comparative transcriptome combined with metabolome analyses revealed key factors involved in nitric oxide (NO)-regulated cadmium stress adaptation in tall fescue. BMC Genomics, 2020, 21, 601.	2.8	31
15	Phyto-extraction of zinc, lead, nickel, and cadmium from zinc leach residue by a halophyte: <i>Salicornia europaea</i> . Ecological Engineering, 2020, 148, 105797.	3.6	12
16	Accumulation potential and tolerance response of <i>Typha latifolia</i> L. under citric acid assisted phytoextraction of lead and mercury. Chemosphere, 2020, 257, 127247.	8.2	38
17	Phyto-extraction of zinc, lead, nickel, and cadmium from a zinc leach residue. Journal of Cleaner Production, 2020, 266, 121539.	9.3	14
18	Prospect of phytoremediation combined with other approaches for remediation of heavy metal-polluted soils. Environmental Science and Pollution Research, 2020, 27, 16069-16085.	5.3	80

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19	Metabolomics reveals the "invisible" detoxification mechanisms of <i>Amaranthus hypochondriacus</i> at three ages upon exposure to different levels of cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110520.	6.0	22
20	Effects of composited organic mobilizing agents and their application periods on cadmium absorption of <i>Sorghum bicolor</i> L. in a Cd-contaminated soil. <i>Chemosphere</i> , 2021, 263, 128136.	8.2	8
21	Overexpression of SmZIP plays important roles in Cd accumulation and translocation, subcellular distribution, and chemical forms in transgenic tobacco under Cd stress. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112097.	6.0	34
22	Remediation of Cd-Contaminated Soil by Modified Nanoscale Zero-Valent Iron: Role of Plant Root Exudates and Inner Mechanisms. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5887.	2.6	11
23	Effects of free metal ions and organo-metal complexes on the absorption of lead and cadmium by plants. <i>Journal of Applied Biological Chemistry</i> , 2021, 64, 159-164.	0.4	0
24	Enhanced biomass and cadmium accumulation by three cadmium-tolerant plant species following cold plasma seed treatment. <i>Journal of Environmental Management</i> , 2021, 296, 113212.	7.8	8
25	Effect of nitrilotriacetic acid and tea saponin on the phytoremediation of Ni by Sudan grass ( <i>Sorghum</i> ) Tj ETQq0 0 0 rgt /Overlock 10 T	8.2	12
26	Research Advances in Cadmium Uptake, Transport and Resistance in Rice ( <i>Oryza sativa</i> L.). <i>Cells</i> , 2022, 11, 569.	4.1	51
27	Effect of indole-3-acetic acid supplementation on the physiology of <i>Lolium perenne</i> L. and microbial activity in cadmium-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 52483-52492.	5.3	4
28	Organic acids in conjunction with various oilseed sunflower cultivars promote Cd phytoextraction through regulating micro-environment in root zone. <i>Industrial Crops and Products</i> , 2022, 183, 114932.	5.2	7
29	Phytoextraction by harvesting dead leaves: cadmium accumulation associated with the leaf senescence in <i>Festuca arundinacea</i> Schreb. <i>Environmental Science and Pollution Research</i> , 2022, 29, 79214-79223.	5.3	2
30	The mechanism of arbuscular mycorrhizal enhancing cadmium uptake in <i>Phragmites australis</i> depends on the phosphorus concentration. <i>Journal of Hazardous Materials</i> , 2022, 440, 129800.	12.4	12
31	Effect of LMWOAs on Maize Remediation of Cadmium and Plumbum Pollution in Farmland. <i>Sustainability</i> , 2022, 14, 14580.	3.2	3
32	Citric Acid and Poly-glutamic Acid Promote the Phytoextraction of Cadmium and Lead in <i>Solanum nigrum</i> L. Grown in Compound Cd-Pb Contaminated Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2023, 110, .	2.7	2
33	Ca alleviated Cd-induced toxicity in <i>Salix matsudana</i> by affecting Cd absorption, translocation, subcellular distribution, and chemical forms. <i>Journal of Plant Physiology</i> , 2023, 281, 153926.	3.5	6
34	Capacity of <i>Nerium oleander</i> to Phytoremediate Sb-Contaminated Soils Assisted by Organic Acids and Oxygen Nanobubbles. <i>Plants</i> , 2023, 12, 91.	3.5	3
35	Methionine application at low phosphate level promotes root-to-shoot cadmium translocation by mobilizing weakly bound apoplastic cadmium in valerian ( <i>Valeriana officinalis</i> L.). <i>Rhizosphere</i> , 2023, 25, 100672.	3.0	1
36	Accumulation Potential Cadmium and Lead by Sunflower ( <i>Helianthus annuus</i> L.) under Citric and Glutaric Acid-Assisted Phytoextraction. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4107.	2.6	2

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37	Subcellular Distribution and Chemical Forms of Cadmium in the Medicine Food Homology Plant <i>Platycodon grandiflorum</i> (Jacq.) A.DC.. <i>Phyton</i> , 2023, 92, 1405-1420.	0.7	0
38	Efficient lipid synthesis of <i>Chlorella pyrenoidosa</i> promoted under heavy metals from electric arc furnace slag. <i>Journal of Cleaner Production</i> , 2023, 414, 137648.	9.3	3
39	Combined Remediation towards Cadmium and Arsenic-Contaminated Soil via Phytoremediation and Stabilization. <i>Resources</i> , 2023, 12, 109.	3.5	0