

Differential Cadmium Distribution and Translocation in Hyper-Tolerance between Tall Fescue and Kentucky Bluegrass

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Differential effects of citric acid on cadmium uptake and accumulation between tall fescue and Kentucky bluegrass. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 200-206.	6.0	39
2	Selenium and silicon reduce cadmium uptake and mitigate cadmium toxicity in <i>Pfaffia glomerata</i> (Spreng.) Pedersen plants by activation antioxidant enzyme system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18548-18558.	5.3	70
3	Phytomanagement of trace metals in mangrove sediments of Hormozgan, Iran, using gray mangrove (<i>Avicennia marina</i>). <i>Environmental Science and Pollution Research</i> , 2018, 25, 28195-28205.	5.3	17
4	Young leaf protection from cadmium accumulation and regulation of nitrilotriacetic acid in tall fescue (<i>Festuca arundinacea</i>) and Kentucky bluegrass (<i>Poa pratensis</i>). <i>Chemosphere</i> , 2018, 212, 124-132.	8.2	28
5	Transcriptome analysis providing novel insights for Cd-resistant tall fescue responses to Cd stress. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 349-356.	6.0	70
6	Heavy metal-mediated toxicity to maize: oxidative damage, antioxidant defence response and metal distribution in plant organs. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4873-4886.	3.5	23
7	Low dose cadmium (II) induced antifungal activity against blast disease in rice. <i>Physiological and Molecular Plant Pathology</i> , 2019, 108, 101422.	2.5	8
8	Cadmium excretion via leaf hydathodes in tall fescue and its phytoremediation potential. <i>Environmental Pollution</i> , 2019, 252, 1406-1411.	7.5	24
9	Role of Phytochelatin in Cadmium Stress Tolerance in Plants. , 2019, , 185-212.		28
10	Mitigation of Cadmium Stress in Cereals. , 2019, , 401-422.		2
11	Effect of cadmium stress on inorganic and organic components in xylem sap of high cadmium accumulating rice line (<i>Oryza sativa</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 330-337.	6.0	26
12	A novel phytoextraction strategy based on harvesting the dead leaves: Cadmium distribution and chelator regulations among leaves of tall fescue. <i>Science of the Total Environment</i> , 2019, 650, 3041-3047.	8.0	28
13	Plant growth regulators improve growth, photosynthesis, mineral nutrient and antioxidant system under cadmium stress in menthol mint (<i>Mentha arvensis</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 25-39.	3.1	83
14	Understanding the molecular mechanisms for the enhanced phytoremediation of heavy metals through plant growth promoting rhizobacteria: A review. <i>Journal of Environmental Management</i> , 2020, 254, 109779.	7.8	248
15	Butanolide alleviated cadmium stress by improving plant growth, photosynthetic parameters and antioxidant defense system of brassica oleracea. <i>Chemosphere</i> , 2020, 261, 127728.	8.2	57
16	Effects of cutting frequency of tall fescue on cadmium form in soil and cadmium enrichment in the plant. <i>Agronomy Journal</i> , 2020, 112, 4693-4704.	1.8	1
17	Role of <i>Acinetobacter</i> sp. CS9 in Improving Growth and Phytoremediation Potential of <i>Catharanthus longifolius</i> under Cadmium Stress. <i>Polish Journal of Environmental Studies</i> , 2018, 28, 435-443.	1.2	22
18	Induced tolerance against stem-rot disease of low-land indica rice (<i>Oryza sativa</i> var. Manika) caused by <i>Sclerotium oryzae</i> Catt. in sub-lethal dose of cadmium. <i>Journal of Plant Pathology</i> , 2022, 104, 149-165.	1.2	1

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19	Enhancing phytoremediation of soils polluted with heavy metals. <i>Current Opinion in Biotechnology</i> , 2022, 74, 21-31.	6.6	122
20	Comparison and Characterization of Oxidation Resistance and Carbohydrate Content in Cd-Tolerant and -Sensitive Kentucky Bluegrass under Cd Stress. <i>Agronomy</i> , 2021, 11, 2358.	3.0	10
21	Cadmium binding during leaf senescence in <i>Festuca arundinacea</i> : Promotion phytoextraction efficiency by harvesting dead leaves. <i>Chemosphere</i> , 2022, 289, 133253.	8.2	4
22	Alleviation of cadmium phytotoxicity in triacontanol treated <i>Coriandrum sativum</i> L. by modulation of physiochemical attributes, oxidative stress biomarkers and antioxidative system. <i>Chemosphere</i> , 2022, 295, 133924.	8.2	22
23	Alleviation of Cadmium Phytotoxicity in Triacontanol Treated <i>Coriandrum Sativum</i> L. By Modulation of Physiochemical Attributes, Oxidative Stress Biomarkers and Antioxidative System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
24	Exogenous Caffeine (1,3,7-Trimethylxanthine) Application Diminishes Cadmium Toxicity by Modulating Physio-Biochemical Attributes and Improving the Growth of Spinach (<i>Spinacia oleracea</i> L.). <i>Sustainability</i> , 2022, 14, 2806.	3.2	9
25	Cadmium Contamination in Agricultural Soils and Crops. , 2022, , 1-30.		3
26	Distribution of Pahl and Trace Elements In <i>Spartina Densiflora</i> And Associated Sediments from Low to Highly Contaminated South American Estuarine Saltmarshes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
27	Variability in Cadmium Uptake in Common Wheat under Cadmium Stress: Impact of Genetic Variation and Silicon Supplementation. <i>Agriculture (Switzerland)</i> , 2022, 12, 848.	3.1	1
28	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
29	Distribution of PAHs and trace elements in <i>Spartina densiflora</i> and associated sediments from low to highly contaminated South American estuarine saltmarshes. <i>Science of the Total Environment</i> , 2022, 842, 156783.	8.0	4
30	BioClay nanosheets infused with GA3 ameliorate the combined stress of hexachlorobenzene and temperature extremes in <i>Brassica alboglabra</i> plants. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	2
31	Zinc oxide nanoparticles improve lettuce (<i>Lactuca sativa</i> L.) plant tolerance to cadmium by stimulating antioxidant defense, enhancing lignin content and reducing the metal accumulation and translocation. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	14
32	Alleviation of Cadmium Toxicity by Nano-silicon Dioxide in <i>Momordica charantia</i> L. Seedlings. <i>Journal of Soil Science and Plant Nutrition</i> , 2023, 23, 1060-1069.	3.4	7
33	Traditional uses, chemical compositions and pharmacological activities of <i>Dendrobium</i> : A review. <i>Journal of Ethnopharmacology</i> , 2023, 310, 116382.	4.1	12
35	Effects of Transporter Inhibitors and Chemical Analogs on the Uptake of Antimonite and Antimonate by <i>Boehmeria nivea</i> L.. <i>Toxics</i> , 2023, 11, 860.	3.7	0
36	Mechanism and synergistic effect of sulfadiazine (SDZ) and cadmium toxicity in spinach (<i>Spinacia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 132903.	12.4	0
37	Foliar application of plant growth regulators for enhancing heavy metal phytoextraction efficiency by <i>Sedum alfredii</i> Hance in contaminated soils: Lab to field experiments. <i>Science of the Total Environment</i> , 2024, 913, 169788.	8.0	1