

Cadmium bioaccumulation and gastric bioaccessibility impacted by oil activities in Ecuador

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Distribution, contents and health risk assessment of metal(loid)s in small-scale farms in the Ecuadorian Amazon: An insight into impacts of oil activities. <i>Science of the Total Environment</i> , 2018, 622-623, 106-120.	3.9	54
2	Content and the relationship between cadmium, nickel, and lead concentrations in Ecuadorian cocoa beans from nine provinces. <i>Food Control</i> , 2019, 106, 106750.	2.8	16
3	The effectiveness of soil amendments, biochar and lime, in mitigating cadmium bioaccumulation in <i>Theobroma cacao</i> L.. <i>Science of the Total Environment</i> , 2019, 693, 133563.	3.9	57
4	Cadmium accumulation and allocation in different cacao cultivars. <i>Science of the Total Environment</i> , 2019, 678, 660-670.	3.9	47
5	Exposures and risks of arsenic, cadmium, lead, and mercury in cocoa beans and cocoa-based foods: a systematic review. <i>Food Quality and Safety</i> , 2019, 3, 1-8.	0.6	15
6	Using cadmium bioavailability to simultaneously predict its accumulation in crop grains and the bioaccessibility in soils. <i>Science of the Total Environment</i> , 2019, 665, 246-252.	3.9	16
7	Cadmium isotope fractionation in the soil " cacao systems of Ecuador: a pilot field study. <i>RSC Advances</i> , 2019, 9, 34011-34022.	1.7	36
8	Soil properties and agronomic factors affecting cadmium concentrations in cacao beans: A nationwide survey in Ecuador. <i>Science of the Total Environment</i> , 2019, 649, 120-127.	3.9	108
9	Method validation and determination of heavy metals in cocoa beans and cocoa products by microwave assisted digestion technique with inductively coupled plasma mass spectrometry. <i>Food Chemistry</i> , 2020, 303, 125392.	4.2	54
10	Public health issues from crude-oil production in the Ecuadorian Amazon territories. <i>Science of the Total Environment</i> , 2020, 719, 134647.	3.9	27
11	Spatial distribution of oil spills in the north eastern Ecuadorian Amazon: A comprehensive review of possible threats. <i>Biological Conservation</i> , 2020, 252, 108820.	1.9	16
12	Surface soil liming reduces cadmium uptake in cacao seedlings but subsurface uptake is enhanced. <i>Journal of Environmental Quality</i> , 2020, 49, 1359-1369.	1.0	12
13	Determination of cadmium and lead in tomato (<i>Solanum lycopersicum</i>) and lettuce (<i>Lactuca sativa</i>) consumed in Quito, Ecuador. <i>Toxicology Reports</i> , 2020, 7, 893-899.	1.6	14
14	Mitigation of cadmium toxicity by zinc in juvenile cacao: Physiological, biochemical, molecular and micromorphological responses. <i>Environmental and Experimental Botany</i> , 2020, 179, 104201.	2.0	18
15	Soil, Site, and Management Factors Affecting Cadmium Concentrations in Cacao-Growing Soils. <i>Agronomy</i> , 2020, 10, 806.	1.3	26
16	Cocoa-laden cadmium threatens human health and cacao economy: A critical view. <i>Science of the Total Environment</i> , 2020, 720, 137645.	3.9	56
17	Amendment of Husk Biochar on Accumulation and Chemical Form of Cadmium in Lettuce and Pak-Choi Grown in Contaminated Soil. <i>Water (Switzerland)</i> , 2020, 12, 868.	1.2	4
18	Perspective on Cadmium and Lead in Cocoa and Chocolate. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13008-13015.	2.4	14

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19	Cd and Pb in cocoa beans: Occurrence and effects of chocolate processing. <i>Food Control</i> , 2021, 119, 107455.	2.8	11
20	Managing cadmium in agricultural systems. <i>Advances in Agronomy</i> , 2021, 166, 1-129.	2.4	57
21	Cadmium phytoextraction by <i>Helianthus annuus</i> (sunflower), <i>Brassica napus</i> cv Wichita (rapeseed), and <i>Chrysopogon zizanioides</i> (vetiver). <i>Chemosphere</i> , 2021, 265, 129086.	4.2	25
22	Growth and nutritional responses of wild and domesticated cacao genotypes to soil Cd stress. <i>Science of the Total Environment</i> , 2021, 763, 144021.	3.9	12
23	Simultaneous determination of cadmium, lead and copper in chocolate samples by square wave anodic stripping voltammetry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 418-426.	1.1	8
24	Bio-Based Value Chains Potential in the Management of Cacao Pod Waste in Colombia, a Case Study. <i>Agronomy</i> , 2021, 11, 693.	1.3	8
25	Cadmium in soil and cacao beans of Peruvian and South American origin. <i>Revista Facultad Nacional De Agronomia Medellin</i> , 2021, 74, .	0.2	0
26	Revisi3n sobre l3mites m3ximos de cadmio en cacao (<i>Theobroma cacao</i> L.). <i>Granja</i> , 2021, 34, 117-130.	0.1	1
27	Mitigating the level of cadmium in cacao products: Reviewing the transfer of cadmium from soil to chocolate bar. <i>Science of the Total Environment</i> , 2021, 781, 146779.	3.9	43
28	Cadmium pollution of water, soil, and food: a review of the current conditions and future research considerations in Latin America. <i>Environmental Reviews</i> , 2022, 30, 110-127.	2.1	7
29	Beyond cadmium accumulation: Distribution of other trace elements in soils and cacao beans in Ecuador. <i>Environmental Research</i> , 2021, 192, 110241.	3.7	10
30	Evaluaci3n del contenido de metales pesados en almendras de cacao (<i>Theobroma cacao</i> L) durante el proceso de beneficiado. <i>Pro Sciences</i> , 2019, 3, 17-23.	0.0	5
31	Cadmium-tolerant bacteria: current trends and applications in agriculture. <i>Letters in Applied Microbiology</i> , 2022, 74, 311-333.	1.0	22
32	Land Use and Land Cover Changes in the Diversity and Life Zone for Uncontacted Indigenous People: Deforestation Hotspots in the Yasun3-Biosphere Reserve, Ecuadorian Amazon. <i>Forests</i> , 2021, 12, 1539.	0.9	17
33	Tolerance strategies and factors that influence the cadmium uptake by cacao tree. <i>Scientia Horticulturae</i> , 2022, 293, 110733.	1.7	12
34	Development of validation methods to determine cadmium in cocoa almond from the beans by ICP-MS and ICP-OES. <i>Talanta Open</i> , 2022, 5, 100078.	1.7	9
35	Risk assessment of unlined oil pits leaking into groundwater in the Ecuadorian Amazon: A modified GIS-DRASTIC approach. <i>Applied Geography</i> , 2022, 139, 102628.	1.7	5
36	Sustainability Dimensions Assessment in Four Traditional Agricultural Systems in the Amazon. <i>Frontiers in Sustainable Food Systems</i> , 2022, 5, .	1.8	7

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37	Rootstock-Mediated Genetic Variance in Cadmium Uptake by Juvenile Cacao (<i>Theobroma cacao</i> L.) Genotypes, and Its Effect on Growth and Physiology. <i>Frontiers in Plant Science</i> , 2021, 12, 777842.	1.7	23
38	Rescuing Local Knowledge with Regards to Soil Management and Fertility in the Amazon Region of Ecuador. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
39	Gypsum application lowers cadmium uptake in cacao in soils with high cation exchange capacity only: A soil chemical analysis. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	4
40	Mitigation of cadmium uptake in <i>Theobroma cacao</i> L: efficacy of soil application methods of hydrated lime and biochar. <i>Plant and Soil</i> , 2022, 477, 281-296.	1.8	4
42	Effect of fermentation stages on the nutritional and mineral bioavailability of cacao beans (<i>Theobroma cacao</i> L.). <i>Journal of Food Composition and Analysis</i> , 2023, 115, 104886.	1.9	0
43	Non-essential metal contamination in Ecuadorian agricultural production: A critical review. <i>Journal of Food Composition and Analysis</i> , 2023, 115, 104932.	1.9	9
44	Cadmium fractionation in soils affected by organic matter application: Transfer of cadmium to cacao (<i>Theobroma cacao</i> L.) tissues. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
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46	Liming applications and the SPAD chlorophyll index and stomatal conductance in cocoa exposed to cadmium in the soil. <i>Revista Colombiana De Ciencias Hort�colas</i> , 2022, 16, .	0.2	0
47	From soil to cacao bean: Unravelling the pathways of cadmium translocation in a high Cd accumulating cultivar of <i>Theobroma cacao</i> L. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	9
48	El cadmio y su efecto en el crecimiento de la ca�a de az�car (<i>Saccharum officinarum</i> L.). <i>Revista Cient�fica Y Tecnol�gica UPSE</i> , 2022, 9, 109-117.	0.1	0
49	The distribution of cadmium in soil and cacao beans in Peru. <i>Science of the Total Environment</i> , 2023, 881, 163372.	3.9	7
50	Soil amendments to reduce cadmium in cacao (<i>Theobroma cacao</i> L.): A comprehensive field study in Ecuador.. <i>Chemosphere</i> , 2023, 324, 138318.	4.2	3
51	Revealing the pathways of cadmium uptake and translocation in cacao trees (<i>Theobroma cacao</i> L.): A 108Cd pulse-chase experiment. <i>Science of the Total Environment</i> , 2023, 869, 161816.	3.9	5
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54	Structural elucidation of pectin extracted from cocoa pod husk (<i>Theobroma Cacao</i> L.): Evaluation of the degree of esterification using FT-IR and 1H�NMR. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	2
57	Cadmium Prevalence in Cacao (<i>Theobroma cacao</i> L.) and Potential Remediation Strategies. <i>Journal of Soil Science and Plant Nutrition</i> , 2023, 23, 2938-2954.	1.7	2