

Release of Arsenic to the Environment from CCA-Treated during Service

Environmental Science & Technology

40, 988-993

DOI: [10.1021/es0514702](https://doi.org/10.1021/es0514702)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Response to Comments on "Release of Arsenic to the Environment from CCA-Treated Wood. 2. Leaching and Speciation during Disposal". Environmental Science & Technology, 2006, 40, 4811-4812.	4.6	1
2	Arsenic Leaching from Mulch Made from Recycled Construction and Demolition Wood and Impacts of Iron-Oxide Colorants. Environmental Science & Technology, 2006, 40, 5102-5107.	4.6	19
3	Release of Arsenic to the Environment from CCA-Treated Wood. 2. Leaching and Speciation during Disposal. Environmental Science & Technology, 2006, 40, 994-999.	4.6	94
4	A Chemical Stain for Identifying Arsenic-Treated Wood Products. Journal of Wood Chemistry and Technology, 2007, 27, 201-217.	0.9	6
5	Evaluating landfill disposal of chromated copper arsenate (CCA) treated wood and potential effects on groundwater: Evidence from Florida. Chemosphere, 2007, 66, 496-504.	4.2	35
6	Atomic spectrometry update. Environmental analysis. Journal of Analytical Atomic Spectrometry, 2007, 22, 187.	1.6	52
7	Environmental Applications of Arsenic Speciation Using Atomic Spectrometry Detection. Applied Spectroscopy Reviews, 2007, 42, 1-22.	3.4	42
8	Comment on "Release of Arsenic to the Environment from CCA-Treated Wood. 2. Leaching and Speciation during Disposal". Environmental Science & Technology, 2007, 41, 345-346.	4.6	3
9	Evaluation of commercial landscaping mulch for possible contamination from CCA. Waste Management, 2007, 27, 1765-1773.	3.7	15
10	CCA-Treated wood disposed in landfills and life-cycle trade-offs with waste-to-energy and MSW landfill disposal. Waste Management, 2007, 27, S21-S28.	3.7	51
11	A mass balance approach for evaluating leachable arsenic and chromium from an in-service CCA-treated wood structure. Science of the Total Environment, 2007, 372, 624-635.	3.9	33
12	Arsenic Bioaccessibility in a Soil Amended with Drinking-Water Treatment Residuals in the Presence of Phosphorus Fertilizer. Archives of Environmental Contamination and Toxicology, 2007, 53, 329-336.	2.1	26
13	INORGANIC ARSENIC SPECIATION IN SOIL AND GROUNDWATER NEAR IN-SERVICE CHROMATED COPPER ARSENATE-TREATED WOOD POLES. Environmental Toxicology and Chemistry, 2008, 27, 799.	2.2	23
14	Reaction and Transport of Arsenic in Soils: Equilibrium and Kinetic Modeling. Advances in Agronomy, 2008, 98, 45-115.	2.4	58
15	Reply to Comment of Helena M. Solo-Gabriele et al. on "Evaluating landfill disposal of chromated copper arsenate (CCA) treated wood and potential effects on groundwater: Evidence from Florida" by Jennifer K. Saxe, Eric J. Wannamaker, Scott W. Conklin, Todd F. Shupe and Barbara D. Beck [Chemosphere 66 (3) (2007) 496-504]. Chemosphere, 2008, 70, 1932-1934.	4.2	0
16	Comment on "Evaluating landfill disposal of chromated copper arsenate (CCA) treated wood and potential effects on groundwater: Evidence from Florida" by Jennifer K. Saxe, Eric J. Wannamaker, Scott W. Conklin, Todd F. Shupe and Barbara D. Beck [Chemosphere 66 (3) (2007) 496-504]. Chemosphere, 2008, 70, 1930-1931.	4.2	3
17	Composting and bioremediation process evaluation of wood waste materials generated from the construction and demolition industry. Chemosphere, 2008, 71, 1617-1628.	4.2	33
18	Arsenic and Chromium Partitioning in a Podzolic Soil Contaminated by Chromated Copper Arsenate. Environmental Science & Technology, 2008, 42, 6481-6486.	4.6	33

#	ARTICLE	IF	CITATIONS
19	Roofing Materials™ Contributions to Storm-Water Runoff Pollution. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 638-645.	0.6	52
20	Phytofiltration of Arsenic-Contaminated Groundwater Using <i>Pteris Vittata</i> L.: Effect of Plant Density and Nitrogen and Phosphorus Levels. International Journal of Phytoremediation, 2008, 10, 222-235.	1.7	21
21	Early-Life Roof Runoff Quality: Green vs. Traditional Roofs. , 2008, , .		0
22	Runoff Quality from Roofing during Early Life. Proceedings of the Water Environment Federation, 2008, 2008, 1048-1062.	0.0	1
24	Rainwater Harvesting for Non-Potable Use in Gardens: A Comparison of Runoff Water Quality from Green vs. Traditional Roofs. , 2009, , .		4
25	Arsenic in Human History and Modern Societies. , 0, , 277-302.		3
26	Selective recovery of metals in leachate from chromated copper arsenate treated wastes using electrochemical technology and chemical precipitation. Hydrometallurgy, 2009, 96, 318-326.	1.8	78
27	Optimization of a chemical leaching process for decontamination of CCA-treated wood. Journal of Hazardous Materials, 2009, 169, 136-145.	6.5	48
28	Environmental application of elemental speciation analysis based on liquid or gas chromatography hyphenated to inductively coupled plasma mass spectrometry—A review. Analytica Chimica Acta, 2010, 668, 114-129.	2.6	107
29	Soil arsenic surveys of New Orleans: localized hazards in children's play areas. Environmental Geochemistry and Health, 2010, 32, 431-440.	1.8	11
30	Field-scale leaching of arsenic, chromium and copper from weathered treated wood. Environmental Pollution, 2010, 158, 1479-1486.	3.7	51
31	Metal loss from treated wood products in contact with municipal solid waste landfill leachate. Journal of Hazardous Materials, 2010, 175, 558-568.	6.5	18
32	Arsenic contamination in New Orleans soil: Temporal changes associated with flooding. Environmental Research, 2010, 110, 19-25.	3.7	27
33	Transport and interaction of arsenic, chromium, and copper associated with CCA-treated wood in columns of sand and sand amended with peat. Chemosphere, 2010, 78, 989-995.	4.2	14
34	In situ arsenic speciation on solid surfaces by desorption electrospray ionization tandem mass spectrometry. Analyst, The, 2010, 135, 1268.	1.7	18
35	Modeling leachability of metals from preservative-treated wood during rainfall events. , 2011, , .		0
36	The behavior and long-term fate of metals in simulated landfill bioreactors under aerobic and anaerobic conditions. Journal of Hazardous Materials, 2011, 194, 369-377.	6.5	18
37	Distribution and seasonal dynamics of arsenic in a shallow lake in northwestern New Jersey, USA. Environmental Geochemistry and Health, 2011, 33, 1-22.	1.8	25

#	ARTICLE	IF	CITATIONS
38	Performance and mechanism of simultaneous removal of chromium and arsenate by Fe(II) from contaminated groundwater. Separation and Purification Technology, 2011, 80, 179-185.	3.9	42
39	Online sorting of recovered wood waste by automated XRF-technology: Part II. Sorting efficiencies. Waste Management, 2011, 31, 695-704.	3.7	22
40	Arsenic Pollution by Chromated-Copper-Arsenate Treated Woody Debris. , 2011, , .		0
41	Release of metals from synthetic Cr-goethites under acidic and reductive conditions: Effect of aging and composition. Applied Clay Science, 2012, 58, 88-95.	2.6	7
42	Bioavailability and form of copper in wood treated with copper-based preservative. Wood Science and Technology, 2012, 46, 1203-1213.	1.4	14
43	Leaching characteristics of CCA-treated wood waste: A UK study. Science of the Total Environment, 2012, 427-428, 165-174.	3.9	32
44	Arsenic toxicity in the human nerve cell line SK-N-SH in the presence of chromium and copper. Chemosphere, 2013, 91, 1082-1087.	4.2	24
45	Arsenic in Groundwater: A Summary of Sources and the Biogeochemical and Hydrogeologic Factors Affecting Arsenic Occurrence and Mobility. , 0, , .		10
46	Sustainable Construction Materials. , 2014, , 371-401.		0
48	Leaching and decay resistance of alder and pine wood treated with copper based wood preservatives. Maderas: Ciencia Y Tecnologia, 2014, , 0-0.	0.7	13
49	Evaluating the potential for environmental pollution from chromated copper arsenate (CCA)-treated wood waste: A new mass balance approach. Journal of Hazardous Materials, 2014, 276, 10-18.	6.5	27
50	Evaluating the Leaching of Biocides from Preservative-Treated Wood Products. ACS Symposium Series, 2014, , 239-254.	0.5	1
51	Sustainable Construction Materials. , 2015, , 183-226.		0
52	Roofing Materials Assessment: Investigation of Five Metals in Runoff from Roofing Materials. Water Environment Research, 2015, 87, 835-844.	1.3	18
53	Cleaning-induced arsenic mobilization and chromium oxidation from CCA-wood deck: Potential risk to children. Environment International, 2015, 82, 35-40.	4.8	29
54	Variation of arsenic concentration on surfaces of in-service CCA-treated wood planks in a park and its influencing field factors. Environmental Monitoring and Assessment, 2015, 187, 4214.	1.3	5
55	Arsenic and Fluoride Pollution in Water and Soils. , 2015, , 1-20.		2
56	Selective Reduction of Cr(VI) in Chromium, Copper and Arsenic (CCA) Mixed Waste Streams Using UV/TiO ₂ Photocatalysis. Molecules, 2015, 20, 2622-2635.	1.7	31

#	ARTICLE	IF	CITATIONS
57	Occurrence and speciation of polymeric chromium(III), monomeric chromium(III) and chromium(VI) in environmental samples. <i>Chemosphere</i> , 2016, 156, 14-20.	4.2	42
58	Anthropogenic arsenic cycles: A research framework and features. <i>Journal of Cleaner Production</i> , 2016, 139, 328-336.	4.6	48
59	Decontamination of CCA-treated eucalyptus wood waste by acid leaching. <i>Waste Management</i> , 2016, 49, 253-262.	3.7	22
60	How physical alteration of technic materials affects mobility and phytoavailability of metals in urban soils?. <i>Chemosphere</i> , 2016, 152, 407-414.	4.2	10
61	Monitoring Urban Copper Flows in Stockholm, Sweden: Implications of Changes Over Time. <i>Journal of Industrial Ecology</i> , 2017, 21, 903-912.	2.8	3
62	Persistent Hazardous Waste and the Quest Toward a Circular Economy: The Example of Arsenic in Chromated Copper Arsenate-Treated Wood. <i>Journal of Industrial Ecology</i> , 2017, 21, 689-699.	2.8	15
63	Anthropogenic Cycles of Arsenic in Mainland China: 1990-2010. <i>Environmental Science & Technology</i> , 2017, 51, 1670-1678.	4.6	51
64	Novel biomaterials from citric acid fermentation as biosorbents for removal of metals from waste chromated copper arsenate wood leachates. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 147-154.	1.9	24
65	Removal of toxic elements from wastewater generated in the decontamination of CCA-treated Eucalyptus sp. and Pinus canadense wood. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1299-1309.	1.6	4
66	Hepatotoxicity of Copper, Iron, Cadmium, and Arsenic. , 2018, , 575-596.		0
67	Risk Assessment for Children Exposed to Arsenic on Baseball Fields with Contaminated Fill Material. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 67.	1.2	6
69	Agroecotoxicological Aspect of Arsenic (As) and Cadmium (Cd) on Field Crops and its Mitigation: Current Status and Future Prospect. , 2019, , 217-246.		15
70	Effectiveness of Monitored Natural Attenuation (MNA) as a Groundwater Remedy for Arsenic in Phosphatic Wastes. <i>Ground Water Monitoring and Remediation</i> , 2019, 39, 52-68.	0.6	3
71	Metals leaching from common residential and commercial roofing materials across four years of weathering and implications for environmental loading. <i>Environmental Pollution</i> , 2019, 255, 113262.	3.7	6
72	Biosensors for Monitoring Water Pollutants: A Case Study With Arsenic in Groundwater. <i>Separation Science and Technology</i> , 2019, , 285-328.	0.0	7
73	Bayesian Mapping Reveals Large-Effect Pleiotropic QTLs for Wood Density and Slenderness Index in 17-Year-Old Trees of Eucalyptus cladocalyx. <i>Forests</i> , 2019, 10, 241.	0.9	11
74	Arsenic, copper, and chromium from treated wood products in the U.S. disposal sector. <i>Waste Management</i> , 2019, 87, 731-740.	3.7	38
75	Florida Arsenic Distribution Index: Quantifying the Distribution of Past and Present Arsenic Usage. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 744.	1.2	7

#	ARTICLE	IF	CITATIONS
76	Aluminum-Impregnated Biochar for Adsorption of Arsenic(V) in Urban Stormwater Runoff. <i>Journal of Environmental Engineering</i> , ASCE, 2019, 145, .	0.7	23
77	Arsenic speciation analysis of environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 215-237.	1.6	43
78	Improvement of wood decay resistance by salicylic acid / silica microcapsule: Effects on the salicylic leaching, microscopic structure and decay resistance. <i>International Biodeterioration and Biodegradation</i> , 2021, 156, 105134.	1.9	16
79	Roof runoff contamination: Establishing material-pollutant relationships and material benchmarking based on laboratory leaching tests. <i>Chemosphere</i> , 2021, 283, 131112.	4.2	10
80	Engineering in Environmental Management. , 0, , 151-172.		1
81	Environmental Monitoring of Heavy Metals and Arsenic in Soils Adjacent to CCA-Treated Wood Structures in Gangwon Province, South Korea. <i>Korean Journal of Environmental Agriculture</i> , 2009, 28, 340-346.	0.0	6
82	Service Life Estimation of ACQ-treated Wood Based on Biodeterioration Resistance. <i>Journal of the Korean Wood Science and Technology</i> , 2015, 43, 641-651.	0.8	2
83	Sustainable construction materials. , 2016, , 199-214.		0
84	Effects of sewage sludge biosolid amendments on the potential of maize (<i>Zea mays</i> L.) in phytoremediation of trace metals in chromated copper arsenate contaminated soils. <i>French-Ukrainian Journal of Chemistry</i> , 2020, 8, 113-125.	0.1	0
87	Arsenic: Various species with different effects on cytochrome P450 regulation in humans. <i>EXCLI Journal</i> , 2021, 20, 1184-1242.	0.5	0
88	A Review of Habitat Impacts from Residential Docks and Recommended Best Management Practices with an Emphasis on the Northeastern United States. <i>Estuaries and Coasts</i> , 2022, 45, 1189-1216.	1.0	1
89	Lavender oil as eco-friendly alternative to protect wood against termites without negative effect on wood properties. <i>Scientific Reports</i> , 2022, 12, 1909.	1.6	10
90	Bioaccumulation of trace metals in two oyster species from southwest Puerto Rico. <i>Marine Pollution Bulletin</i> , 2022, 178, 113581.	2.3	2
92	Sustainability in Wood Products: A New Perspective for Handling Natural Diversity. <i>Chemical Reviews</i> , 2023, 123, 1889-1924.	23.0	15
93	Distribution and Speciation of Heavy Metal(loid)s in Soils under Multiple Preservative-Treated Wooden Trestles. <i>Toxics</i> , 2023, 11, 249.	1.6	0