Jeffrey D Weidenhamer

List of Publications by Year
in descending order

48	2,694	186265	233421
papers	citations	28 h-index	45 g-index

49	49	49	2487
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal exposures from source materials for artisanal aluminum cookware. International Journal of Environmental Health Research, 2023, 33, 374-385.	2.7	0
2	Buyer beware: Inexpensive, high cadmium jewelry can pose severe health risks. Science of the Total Environment, 2021, 764, 142926.	8.0	9
3	Metabolic profiling of benzoxazinoids in the roots and rhizosphere of commercial winter wheat genotypes. Plant and Soil, 2021, 466, 467-489.	3.7	15
4	Evaluation of Commercial Wheat Cultivars for Canopy Architecture, Early Vigour, Weed Suppression, and Yield. Agronomy, 2020, 10, 983.	3.0	23
5	Plant Density and Rhizosphere Chemistry: Does Marigold Root Exudate Composition Respond to Intra- and Interspecific Competition?. Journal of Chemical Ecology, 2019, 45, 525-533.	1.8	11
6	The weed suppressive ability of selected Australian grain crops; caseÂstudies from the Riverina region in New South Wales. Crop Protection, 2018, 103, 9-19.	2.1	17
7	Metal exposures from aluminum cookware: An unrecognized public health risk in developing countries. Science of the Total Environment, 2017, 579, 805-813.	8.0	59
8	Plant olfaction: using analytical chemistry to elucidate mechanisms of plant growth and interaction. Plant and Soil, 2016, 407, 275-278.	3.7	5
9	Identification and localization of bioactive naphthoquinones in the roots and rhizosphere of Patersonâ€™s curse (Echium plantagineum), a noxious invader. Journal of Experimental Botany, 2016, 67, 3777-3788.	4.8	56
10	Spatial and Temporal Dynamics of Root Exudation: How Important is Heterogeneity in Allelopathic Interactions?. Journal of Chemical Ecology, 2014, 40, 940-952.	1.8	23
11	Lead exposure from aluminum cookware in Cameroon. Science of the Total Environment, 2014, 496, 339-347.	8.0	45
12	Evidence Does not Support a Role for Gallic Acid in Phragmites australis Invasion Success. Journal of Chemical Ecology, 2013, 39, 323-332.	1.8	36
13	Fungal superhighways: do common mycorrhizal networks enhance below ground communication?. Trends in Plant Science, 2012, 17, 633-637.	8.8	140
14	Bioavailability of Cadmium in Inexpensive Jewelry. Environmental Health Perspectives, 2011, 119, 1029-1033.	6.0	44
15	The Fungal Fast Lane: Common Mycorrhizal Networks Extend Bioactive Zones of Allelochemicals in Soils. PLoS ONE, 2011, 6, e27195.	2.5	123
16	Direct and Indirect Effects of Invasive Plants on Soil Chemistry and Ecosystem Function. Journal of Chemical Ecology, 2010, 36, 59-69.	1.8	267
17	Assessment of leaching potential of highly leaded jewelry. Journal of Hazardous Materials, 2010, 177, 1150-1152.	12.4	10
18	Constituents of Calamintha ashei: Effects on Florida Sandhill Species. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	2

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19	Dynamic root exudation of sorgoleone and its in planta mechanism of action. Journal of Experimental Botany, 2009, 60, 2107-2117.	4.8	94
20	Lead contamination of inexpensive seasonal and holiday products. Science of the Total Environment, 2009, 407, 2447-2450.	8.0	28
21	Solid-phase root zone extraction (SPRE): a new methodology for measurement of allelochemical dynamics in soil. Plant and Soil, 2009, 322, 177-186.	3.7	42
22	Assessment of the Phytotoxic Potential of m-Tyrosine in Laboratory Soil Bioassays. Journal of Chemical Ecology, 2009, 35, 1288-1294.	1.8	47
23	In Situ Silicone Tube Microextraction: A New Method for Undisturbed Sampling of Root-exuded Thiophenes from Marigold (Tagetes erecta L.) in Soil. Journal of Chemical Ecology, 2009, 35, 1279-1287.	1.8	49
24	Solid-Phase Microextraction Method For In Vivo Measurement of Allelochemical Uptake. Journal of Chemical Ecology, 2008, 34, 70-75.	1.8	34
25	Accessible and Total Lead in Low-Cost Jewelry Items. Integrated Environmental Assessment and Management, 2008, 4, 358.	2.9	9
26	Lead contamination of inexpensive plastic jewelry. Science of the Total Environment, 2008, 393, 348-350.	8.0	25
27	Allelopathic Mechanisms and Experimental Methodology. , 2008, , 119-135.		5
28	Widespread lead contamination of imported low-cost jewelry in the US. Chemosphere, 2007, 67, 961-965.	8.2	48
29	Leaded electronic waste is a possible source material for lead-contaminated jewelry. Chemosphere, 2007, 69, 1111-1115.	8.2	34
30	Evidence of recycling of lead battery waste into highly leaded jewelry. Chemosphere, 2007, 69, 1670-1672.	8.2	27
31	Circuit Board Analysis for Lead by Atomic Absorption Spectroscopy in a Course for Nonscience Majors. Journal of Chemical Education, 2007, 84, 1165.	2.3	11
32	Biomimetic measurement of allelochemical dynamics in the rhizosphere. Journal of Chemical Ecology, 2005, 31, 221-236.	1.8	58
33	Allelopathy as a mechanism for resisting invasion: the case of Polygonella myriophylla. , 2005, , 167-177.		11
34	Allelochemicals of Polygonella myriophylla: Chemistry and Soil Degradation. Journal of Chemical Ecology, 2004, 30, 1067-1082.	1.8	58
35	Designs for greenhouse studies of interactions between plants. Journal of Ecology, 1999, 87, 1-16.	4.0	289
36	Environmental Projects in the Quantitative Analysis Lab. Journal of Chemical Education, 1997, 74, 1437.	2.3	4

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37	Distinguishing Resource Competition and Chemical Interference: Overcoming the Methodological Impasse. Agronomy Journal, 1996, 88, 866-875.	1.8	121
38	Sesquiterpenes fromChrysoma Pauciflosculosa. Spectroscopy Letters, 1995, 28, 1061-1074.	1.0	11
39	Allelopathic potential of menthofuran monoterpenes fromCalamintha ashei. Journal of Chemical Ecology, 1994, 20, 3345-3359.	1.8	37
40	In search of allelopathy in the Florida scrub: The role of terpenoids. Journal of Chemical Ecology, 1994, 20, 1355-1380.	1.8	147
41	Just how insoluble are monoterpenes?. Journal of Chemical Ecology, 1993, 19, 1799-1807.	1.8	194
42	Diterpenes from Chrysoma pauciflosculosa: Effects on Florida sandhill species. Phytochemistry, 1993, 34, 97-105.	2.9	14
43	Inhibition ofSchizachyrium scoparium (poaceae) by the allelochemical hydrocinnamic acid. Journal of Chemical Ecology, 1992, 18, 2095-2105.	1.8	46
44	Bacterial degradation of juglone. Journal of Chemical Ecology, 1990, 16, 1739-1742.	1.8	65
45	Density-Dependent Phytotoxicity: Distinguishing Resource Competition and Allelopathic Interference in Plants. Journal of Applied Ecology, 1989, 26, 613.	4.0	155
46	Inhibition and promotion of germination by several sesquiterpenes. Journal of Chemical Ecology, 1989, 15, 1785-1793.	1.8	36
47	Allelopathic properties ofPolygonella myriophylla. Journal of Chemical Ecology, 1989, 15, 1957-1970.	1.8	36
48	Solution volume and seed number: Often overlooked factors in allelopathic bioassays. Journal of Chemical Ecology, 1987, 13, 1481-1491.	1.8	74