

Jeffrey D Weidenhamer

List of Publications by Year in descending order

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48
papers

2,694
citations

186265

28
h-index

233421

45
g-index

49
all docs

49
docs citations

49
times ranked

2487
citing authors

#	ARTICLE	IF	CITATIONS
1	Designs for greenhouse studies of interactions between plants. <i>Journal of Ecology</i> , 1999, 87, 1-16.	4.0	289
2	Direct and Indirect Effects of Invasive Plants on Soil Chemistry and Ecosystem Function. <i>Journal of Chemical Ecology</i> , 2010, 36, 59-69.	1.8	267
3	Just how insoluble are monoterpenes?. <i>Journal of Chemical Ecology</i> , 1993, 19, 1799-1807.	1.8	194
4	Density-Dependent Phytotoxicity: Distinguishing Resource Competition and Allelopathic Interference in Plants. <i>Journal of Applied Ecology</i> , 1989, 26, 613.	4.0	155
5	In search of allelopathy in the Florida scrub: The role of terpenoids. <i>Journal of Chemical Ecology</i> , 1994, 20, 1355-1380.	1.8	147
6	Fungal superhighways: do common mycorrhizal networks enhance below ground communication?. <i>Trends in Plant Science</i> , 2012, 17, 633-637.	8.8	140
7	The Fungal Fast Lane: Common Mycorrhizal Networks Extend Bioactive Zones of Allelochemicals in Soils. <i>PLoS ONE</i> , 2011, 6, e27195.	2.5	123
8	Distinguishing Resource Competition and Chemical Interference: Overcoming the Methodological Impasse. <i>Agronomy Journal</i> , 1996, 88, 866-875.	1.8	121
9	Dynamic root exudation of sorgoleone and its in planta mechanism of action. <i>Journal of Experimental Botany</i> , 2009, 60, 2107-2117.	4.8	94
10	Solution volume and seed number: Often overlooked factors in allelopathic bioassays. <i>Journal of Chemical Ecology</i> , 1987, 13, 1481-1491.	1.8	74
11	Bacterial degradation of juglone. <i>Journal of Chemical Ecology</i> , 1990, 16, 1739-1742.	1.8	65
12	Metal exposures from aluminum cookware: An unrecognized public health risk in developing countries. <i>Science of the Total Environment</i> , 2017, 579, 805-813.	8.0	59
13	Allelochemicals of <i>Polygonella myriophylla</i> : Chemistry and Soil Degradation. <i>Journal of Chemical Ecology</i> , 2004, 30, 1067-1082.	1.8	58
14	Biomimetic measurement of allelochemical dynamics in the rhizosphere. <i>Journal of Chemical Ecology</i> , 2005, 31, 221-236.	1.8	58
15	Identification and localization of bioactive naphthoquinones in the roots and rhizosphere of Paterson's curse (<i>Echium plantagineum</i>), a noxious invader. <i>Journal of Experimental Botany</i> , 2016, 67, 3777-3788.	4.8	56
16	In Situ Silicone Tube Microextraction: A New Method for Undisturbed Sampling of Root-exuded Thiophenes from Marigold (<i>Tagetes erecta</i> L.) in Soil. <i>Journal of Chemical Ecology</i> , 2009, 35, 1279-1287.	1.8	49
17	Widespread lead contamination of imported low-cost jewelry in the US. <i>Chemosphere</i> , 2007, 67, 961-965.	8.2	48
18	Assessment of the Phytotoxic Potential of m-Tyrosine in Laboratory Soil Bioassays. <i>Journal of Chemical Ecology</i> , 2009, 35, 1288-1294.	1.8	47

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19	Inhibition of <i>Schizachyrium scoparium</i> (poaceae) by the allelochemical hydrocinnamic acid. <i>Journal of Chemical Ecology</i> , 1992, 18, 2095-2105.	1.8	46
20	Lead exposure from aluminum cookware in Cameroon. <i>Science of the Total Environment</i> , 2014, 496, 339-347.	8.0	45
21	Bioavailability of Cadmium in Inexpensive Jewelry. <i>Environmental Health Perspectives</i> , 2011, 119, 1029-1033.	6.0	44
22	Solid-phase root zone extraction (SPRE): a new methodology for measurement of allelochemical dynamics in soil. <i>Plant and Soil</i> , 2009, 322, 177-186.	3.7	42
23	Allelopathic potential of menthofuran monoterpenes from <i>Calamintha ashei</i> . <i>Journal of Chemical Ecology</i> , 1994, 20, 3345-3359.	1.8	37
24	Inhibition and promotion of germination by several sesquiterpenes. <i>Journal of Chemical Ecology</i> , 1989, 15, 1785-1793.	1.8	36
25	Allelopathic properties of <i>Polygonella myriophylla</i> . <i>Journal of Chemical Ecology</i> , 1989, 15, 1957-1970.	1.8	36
26	Evidence Does not Support a Role for Gallic Acid in <i>Phragmites australis</i> Invasion Success. <i>Journal of Chemical Ecology</i> , 2013, 39, 323-332.	1.8	36
27	Leaded electronic waste is a possible source material for lead-contaminated jewelry. <i>Chemosphere</i> , 2007, 69, 1111-1115.	8.2	34
28	Solid-Phase Microextraction Method For In Vivo Measurement of Allelochemical Uptake. <i>Journal of Chemical Ecology</i> , 2008, 34, 70-75.	1.8	34
29	Lead contamination of inexpensive seasonal and holiday products. <i>Science of the Total Environment</i> , 2009, 407, 2447-2450.	8.0	28
30	Evidence of recycling of lead battery waste into highly leaded jewelry. <i>Chemosphere</i> , 2007, 69, 1670-1672.	8.2	27
31	Lead contamination of inexpensive plastic jewelry. <i>Science of the Total Environment</i> , 2008, 393, 348-350.	8.0	25
32	Spatial and Temporal Dynamics of Root Exudation: How Important is Heterogeneity in Allelopathic Interactions?. <i>Journal of Chemical Ecology</i> , 2014, 40, 940-952.	1.8	23
33	Evaluation of Commercial Wheat Cultivars for Canopy Architecture, Early Vigour, Weed Suppression, and Yield. <i>Agronomy</i> , 2020, 10, 983.	3.0	23
34	The weed suppressive ability of selected Australian grain crops; case studies from the Riverina region in New South Wales. <i>Crop Protection</i> , 2018, 103, 9-19.	2.1	17
35	Metabolic profiling of benzoxazinoids in the roots and rhizosphere of commercial winter wheat genotypes. <i>Plant and Soil</i> , 2021, 466, 467-489.	3.7	15
36	Diterpenes from <i>Chrysoma pauciflosculosa</i> : Effects on Florida sandhill species. <i>Phytochemistry</i> , 1993, 34, 97-105.	2.9	14

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37	Sesquiterpenes from <i>Chrysoma Pauciflosculosa</i> . Spectroscopy Letters, 1995, 28, 1061-1074.	1.0	11
38	Allelopathy as a mechanism for resisting invasion: the case of <i>Polygonella myriophylla</i> . , 2005, , 167-177.		11
39	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
40	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
41	Assessment of leaching potential of highly leaded jewelry. Journal of Hazardous Materials, 2010, 177, 1150-1152.	12.4	10
42	Accessible and Total Lead in Low-Cost Jewelry Items. Integrated Environmental Assessment and Management, 2008, 4, 358.	2.9	9
43	Buyer beware: Inexpensive, high cadmium jewelry can pose severe health risks. Science of the Total Environment, 2021, 764, 142926.	8.0	9
44	Allelopathic Mechanisms and Experimental Methodology. , 2008, , 119-135.		5
45	Plant olfaction: using analytical chemistry to elucidate mechanisms of plant growth and interaction. Plant and Soil, 2016, 407, 275-278.	3.7	5
46	Environmental Projects in the Quantitative Analysis Lab. Journal of Chemical Education, 1997, 74, 1437.	2.3	4
47	Constituents of <i>Calamintha ashei</i> : Effects on Florida Sandhill Species. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	2
48	Metal exposures from source materials for artisanal aluminum cookware. International Journal of Environmental Health Research, 2023, 33, 374-385.	2.7	0