

Suzanne M Reichman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

1,410
citations

21
h-index

35
g-index

66
ext. papers

1,718
ext. citations

5.5
avg, IF

5.01
L-index

#	Paper	IF	Citations
64	Heavy metals in Australian grown and imported rice and vegetables on sale in Australia: health hazard. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 100, 53-60	7	144
63	Environmental fate of fungicides in surface waters of a horticultural-production catchment in southeastern Australia. <i>Archives of Environmental Contamination and Toxicology</i> , 2012 , 62, 380-90	3.2	103
62	Metal accumulation in roadside soil in Melbourne, Australia: Effect of road age, traffic density and vehicular speed. <i>Environmental Pollution</i> , 2016 , 208, 102-109	9.3	94
61	The potential use of the legume-rhizobium symbiosis for the remediation of arsenic contaminated sites. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 2587-2593	7.5	87
60	Case studies and evidence-based approaches to addressing urban soil lead contamination. <i>Applied Geochemistry</i> , 2017 , 83, 14-30	3.5	71
59	Arsenic speciation in Australian-grown and imported rice on sale in Australia: implications for human health risk. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6016-24	5.7	55
58	Alleviation of Cu and Pb rhizotoxicities in cowpea (<i>Vigna unguiculata</i>) as related to ion activities at root-cell plasma membrane surface. <i>Environmental Science & Technology</i> , 2011 , 45, 4966-73	10.3	49
57	Evaluation of soil metal bioavailability estimates using two plant species (<i>L. perenne</i> and <i>T. aestivum</i>) grown in a range of agricultural soils treated with biosolids and metal salts. <i>Environmental Pollution</i> , 2011 , 159, 1523-35	9.3	44
56	Assessment of soil metal concentrations in residential and community vegetable gardens in Melbourne, Australia. <i>Chemosphere</i> , 2018 , 199, 303-311	8.4	36
55	Environmental Risks of Fungicides Used in Horticultural Production Systems 2010 ,		36
54	Phosphorus-Rich Biochars Can Transform Lead in an Urban Contaminated Soil. <i>Journal of Environmental Quality</i> , 2019 , 48, 1091-1099	3.4	34
53	Evaluation of environmental and anthropogenic influences on ambient background metal and metalloid concentrations in soil. <i>Science of the Total Environment</i> , 2018 , 624, 599-610	10.2	32
52	Probing the effects of light and temperature on diurnal rhythms of phyto siderophore release in wheat. <i>New Phytologist</i> , 2007 , 174, 101-108	9.8	31
51	Hyperaccumulators and herbivores-a Bayesian meta-analysis of feeding choice trials. <i>Journal of Chemical Ecology</i> , 2009 , 35, 289-96	2.7	30
50	Revisiting the metal-binding chemistry of nicotianamine and 2'-deoxymugineic acid. Implications for iron nutrition in strategy II plants. <i>Plant Physiology</i> , 2002 , 129, 1435-8	6.6	30
49	Seedling responses of three Australian tree species to toxic concentrations of zinc in solution culture. <i>Plant and Soil</i> , 2001 , 235, 151-158	4.2	25
48	Probing the plant growth-promoting and heavy metal tolerance characteristics of <i>Bradyrhizobium japonicum</i> CB1809. <i>European Journal of Soil Biology</i> , 2014 , 63, 7-13	2.9	24

47	A screen of some native Australian flora and exotic agricultural species for their potential application in cyanide-induced phytoextraction of gold. <i>Minerals Engineering</i> , 2007 , 20, 1327-1330	4.9	24
46	Effects of copper fungicide residues on the microbial function of vineyard soils. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 1574-85	5.1	22
45	Separating multiple, short-term, deleterious effects of saline solutions on the growth of cowpea seedlings. <i>New Phytologist</i> , 2011 , 189, 1110-1121	9.8	22
44	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in Australian biosolids. <i>Chemosphere</i> , 2021 , 270, 129143	8.4	22
43	Phytoremediation of Toxic Metals in Soils and Wetlands: Concepts and Applications 2016 , 161-195		21
42	Inter-regional variability in environmental availability of fungicide derived copper in vineyard soils: an Australian case study. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 449-57	5.7	21
41	Review of the interactions between vehicular emitted potentially toxic elements, roadside soils, and associated biota. <i>Chemosphere</i> , 2021 , 263, 128135	8.4	21
40	Environmental and anthropogenic influences on ambient background concentrations of fluoride in soil. <i>Environmental Pollution</i> , 2018 , 242, 1838-1849	9.3	20
39	Per- and polyfluoroalkyl substances (PFAS) in livestock and game species: A review. <i>Science of the Total Environment</i> , 2021 , 774, 144795	10.2	20
38	Production of the forage halophyte <i>Atriplex amnicola</i> in metal-contaminated soils. <i>Soil Use and Management</i> , 2016 , 32, 350-356	3.1	19
37	Seedling responses of four Australian tree species to toxic concentrations of manganese in solution culture. <i>Plant and Soil</i> , 2004 , 258, 341-350	4.2	18
36	Metal complexation by phytosiderophores in the rhizosphere 2005 , 129-156		17
35	Impacts of standard and low environmental impact greywater irrigation on soil and plant nutrients and ecology. <i>Applied Soil Ecology</i> , 2013 , 72, 195-202	5	16
34	Responses of Four Australian Tree Species to Toxic Concentrations of Copper in Solution Culture. <i>Journal of Plant Nutrition</i> , 2006 , 29, 1127-1141	2.3	16
33	The effects of temperature and salinity on <i>Acacia harpophylla</i> (brigalow) (Mimosaceae) germination. <i>Rangeland Journal</i> , 2006 , 28, 175	1.5	15
32	Arsenic Concentrations and Dietary Exposure in Rice-Based Infant Food in Australia. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	14
31	Vegetation response of Australian native grass species redgrass (<i>Bothriochloa macra</i> (Steudel) S.T. Blake) and spider grass (<i>Enteropogon acicularis</i> (Lindl.) Lazarides) in saline and arsenic contaminated gold mine tailings: A glasshouse study. <i>Minerals Engineering</i> , 2014 , 56, 61-69	4.9	14
30	Assessment of ambient background concentrations of elements in soil using combined survey and open-source data. <i>Science of the Total Environment</i> , 2017 , 580, 1410-1420	10.2	13

29	The Effects of Copper Hydroxide, Captan and Trifloxystrobin Fungicides on Soil Phosphomonoesterase and Urease Activity. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	12
28	Critical evaluation of three indirect assays for quantifying phytosiderophores released by the roots of Poaceae. <i>European Journal of Soil Science</i> , 2007 , 58, 844-853	3.4	11
27	Evaluation of methods for managing censored results when calculating the geometric mean. <i>Chemosphere</i> , 2018 , 191, 412-416	8.4	10
26	Examining the integrity of soil metal bioavailability assays in the presence of organic amendments to metal-spiked soils. <i>Soil Use and Management</i> , 2012 , 28, 89-100	3.1	9
25	Quantifying factors related to urban metal contamination in vegetable garden soils of the west and north of Melbourne, Australia. <i>Environmental Pollution</i> , 2019 , 251, 193-202	9.3	8
24	Geochemical indices and regression tree models for estimation of ambient background concentrations of copper, chromium, nickel and zinc in soil. <i>Chemosphere</i> , 2018 , 210, 193-203	8.4	8
23	Antimony leaching and chemical species analyses in an industrial solid waste: Surface and bulk speciation using ToF-SIMS and XANES. <i>Journal of Hazardous Materials</i> , 2017 , 329, 131-140	12.8	7
22	Metal bioavailability dynamics during a two-year trial using ryegrass (<i>Lolium perenne</i> L.) grown in soils treated with biosolids and metal salts. <i>Soil Research</i> , 2012 , 50, 304	1.8	7
21	Immobilisation of geogenic arsenic and vanadium in iron-rich sediments and iron stone deposits. <i>Science of the Total Environment</i> , 2019 , 654, 1072-1081	10.2	7
20	The guard cell ionome: Understanding the role of ions in guard cell functions. <i>Progress in Biophysics and Molecular Biology</i> , 2019 , 146, 50-62	4.7	7
19	Using Phosphorus-Rich Biochars to Remediate Lead-Contaminated Soil: Influence on Soil Enzymes and Extractable P. <i>Agronomy</i> , 2020 , 10, 454	3.6	6
18	Industrial past, urban future: using palaeo-studies to determine the industrial legacy of the Barwon Estuary, Victoria, Australia. <i>Marine and Freshwater Research</i> , 2016 , 67, 837	2.2	6
17	Nitrogen contamination and bioremediation in groundwater and the environment: A review. <i>Earth-Science Reviews</i> , 2021 , 222, 103816	10.2	6
16	The Design and Synthesis of Fluorescent Coumarin Derivatives and Their Study for Cu Sensing with an Application for Aqueous Soil Extracts. <i>Molecules</i> , 2019 , 24,	4.8	5
15	Assessing the Plant Growth Promoting and Arsenic Tolerance Potential of Bradyrhizobium japonicum CB1809. <i>Environmental Management</i> , 2020 , 66, 930-939	3.1	5
14	Industry Wide Risk Assessment: A Case Study of Cu in Australian Vineyard Soils. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	4
13	Horticultural Use of Copper-Based Fungicides Has Not Increased Copper Concentrations in Sediments in the Mid- and Upper Yarra Valley. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	4
12	The effects of vehicular emissions on the activity and diversity of the roadside soil microbial community. <i>Environmental Pollution</i> , 2021 , 277, 116744	9.3	4

11	Inundation of a floodplain lake woodlands system: nutritional profiling and benefit to mature Eucalyptus largiflorens (Black Box) trees. <i>Wetlands Ecology and Management</i> , 2018 , 26, 961-975	2.1	4
10	Metal Chelation in the Rhizosphere. <i>Agronomy</i> , 2015 , 57-93	0.8	3
9	Probing the effects of different lead compounds on the bioavailability of lead to plants. <i>Chemosphere</i> , 2019 , 230, 24-28	8.4	2
8	Influence of Increasing Soil Copper Concentration on the Susceptibility of Phosphomonoesterase and Urease to Heat Disturbance. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	2
7	Measuring Soil Metal Bioavailability in Roadside Soils of Different Ages. <i>Environments - MDPI</i> , 2020 , 7, 91	3.2	1
6	Bioavailability of Cu, Zn, and Mn in Contaminated Soils and Speciation in Soil Solution 2001 ,		1
5	Are root elongation assays suitable for establishing metallic anion ecotoxicity thresholds?. <i>Journal of Hazardous Materials Letters</i> , 2021 , 2, 100024	3.3	1
4	The Variation in Groundwater Microbial Communities in an Unconfined Aquifer Contaminated by Multiple Nitrogen Contamination Sources. <i>Water (Switzerland)</i> , 2022 , 14, 613	3	1
3	Preliminary investigation of effects of copper on a terrestrial population of the antarctic rotifer <i>Philodina</i> sp.. <i>Chemosphere</i> , 2022 , 300, 134413	8.4	0
2	Effect of seed treatment on the emergence of <i>Cassia brewsteri</i> and <i>Lysiphyllum carronii</i> seeds stored in soil. <i>Rangeland Journal</i> , 2007 , 29, 133	1.5	
1	A Preliminary Assessment of As and F Uptake by Plants Growing on Uncontaminated Soils. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	