

Steve Sheppard

List of Publications by Year in descending order

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49
papers

1,101
citations

394421

19
h-index

434195

31
g-index

53
all docs

53
docs citations

53
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Fertilizer Impacts on Cadmium Availability in Agricultural Soils and Crops. Human and Ecological Risk Assessment (HERA), 2008, 14, 210-228.	3.4	150
2	Revision and meta-analysis of selected biosphere parameter values for chlorine, iodine, neptunium, radium, radon and uranium. Journal of Environmental Radioactivity, 2006, 89, 115-137.	1.7	72
3	Risk Indicator for Agricultural Inputs of Trace Elements to Canadian Soils. Journal of Environmental Quality, 2009, 38, 919-932.	2.0	68
4	Primordial radionuclides in Canadian background sites: secular equilibrium and isotopic differences. Journal of Environmental Radioactivity, 2008, 99, 933-946.	1.7	48
5	Multiple assays of uranium toxicity in soil. Environmental Toxicology and Water Quality, 1992, 7, 275-294.	0.5	47
6	Monthly ammonia emissions from fertilizers in 12 Canadian Ecoregions. Canadian Journal of Soil Science, 2010, 90, 113-127.	1.2	42
7	Robust Prediction of Kd from Soil Properties for Environmental Assessment. Human and Ecological Risk Assessment (HERA), 2011, 17, 263-279.	3.4	35
8	YIELD AND CHEMICAL COMPOSITION OF RAPE IN RESPONSE TO NITROGEN, PHOSPHORUS AND POTASSIUM. Canadian Journal of Soil Science, 1980, 60, 153-162.	1.2	34
9	Beef cattle husbandry practices across Ecoregions of Canada in 2011. Canadian Journal of Animal Science, 2015, 95, 305-321.	1.5	34
10	Trace Elements in Feed, Manure, and Manured Soils. Journal of Environmental Quality, 2012, 41, 1846-1856.	2.0	31
11	Mobility and Plant Uptake of Inorganic ¹⁴ C and ¹⁴ C-labelled Pcb in Soils of High and Low Retention. Health Physics, 1991, 61, 481-492.	0.5	30
12	Solid/liquid partition coefficients to model trace element critical loads for agricultural soils in Canada. Canadian Journal of Soil Science, 2007, 87, 189-201.	1.2	30
13	Food-chain and Dose Model, Caldos, for Assessing Canada's Nuclear Fuel Waste Management Concept. Health Physics, 1991, 60, 643-656.	0.5	28
14	Transfer Parameters "Are On-Site Data Really Better?. Human and Ecological Risk Assessment (HERA), 2005, 11, 939-949.	3.4	27
15	Variation in Transfer Factors for Stochastic Models. Health Physics, 1997, 72, 727-733.	0.5	23
16	Farm practices survey and modelling to estimate monthly NH ₃ emissions from swine production in 12 Ecoregions of Canada. Canadian Journal of Animal Science, 2010, 90, 145-158.	1.5	22
17	A field and literature survey, with interpretation, of elemental concentrations in blueberry (<i>Vaccinium angustifolium</i>). Canadian Journal of Botany, 1991, 69, 63-77.	1.1	21
18	Phosphorus flows in a peri-urban region with intensive food production: A case study. Journal of Environmental Management, 2017, 187, 286-297.	7.8	21

#	ARTICLE	IF	CITATIONS
19	Relative Importance of Atmospheric and Root Uptake Pathways for ^{14}C Transfer from Contaminated Soil to Plants. <i>Health Physics</i> , 1991, 61, 825-829.	0.5	20
20	Parameter values to model the soil ingestion pathway. <i>Environmental Monitoring and Assessment</i> , 1995, 34, 27-44.	2.7	20
21	Farm practices as they affect NH_3 emissions from beef cattle. <i>Canadian Journal of Animal Science</i> , 2012, 92, 525-543.	1.5	20
22	Inferences About Radionuclide Mobility in Soils Based on the Solid/Liquid Partition Coefficients and Soil Properties. <i>Ambio</i> , 2013, 42, 414-424.	5.5	19
23	Monthly NH_3 emissions from poultry in 12 Ecoregions of Canada. <i>Canadian Journal of Animal Science</i> , 2009, 89, 21-35.	1.5	18
24	Verification of radionuclide transfer factors to domestic-animal food products, using indigenous elements and with emphasis on iodine. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 895-901.	1.7	18
25	Assessment of long-term fate of metals in soils: Inferences from analogues. <i>Canadian Journal of Soil Science</i> , 2005, 85, 1-18.	1.2	17
26	Ecoregion and farm size differences in feed and manure nitrogen management: 1. Survey methods and results for poultry. <i>Canadian Journal of Animal Science</i> , 2009, 89, 1-19.	1.5	16
27	A model to predict concentration enrichment of contaminants on soil adhering to plants and skin. <i>Environmental Geochemistry and Health</i> , 1995, 17, 13-20.	3.4	14
28	Conceptual approaches for the development of dynamic specific activity models of ^{14}C transfer from surface water to humans. <i>Journal of Environmental Radioactivity</i> , 2006, 87, 32-51.	1.7	14
29	Trace elements in Ontario soils - mobility, concentration profiles, and evidence of non-point-source pollution. <i>Canadian Journal of Soil Science</i> , 2009, 89, 489-499.	1.2	14
30	Plant/soil concentration ratios for paired field and garden crops, with emphasis on iodine and the role of soil adhesion. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 1032-1037.	1.7	13
31	COMPARISON OF PARTITION COEFFICIENTS FOR ^{54}Mn AND SOIL-EXTRACTABLE Mn, INCLUDING RELATIONSHIP TO PLANT UPTAKE. <i>Canadian Journal of Soil Science</i> , 1989, 69, 351-365.	1.2	11
32	An index of radioecology, what has been important?. <i>Journal of Environmental Radioactivity</i> , 2003, 68, 1-10.	1.7	11
33	Variation in background concentrations and specific activities of ^{36}Cl , ^{129}I and U/Th-series radionuclides in surface waters. <i>Journal of Environmental Radioactivity</i> , 2012, 106, 27-34.	1.7	11
34	Transfer factors to Whitetail deer: comparison of stomach-content, plant-sample and soil-sample concentrations as the denominator. <i>Journal of Environmental Radioactivity</i> , 2013, 126, 434-437.	1.7	11
35	Interpolation of solid/liquid partition coefficients, K_d , for iodine in soils. <i>Journal of Environmental Radioactivity</i> , 2003, 70, 21-27.	1.7	10
36	Parameterization of a dynamic specific activity model of ^{14}C transfer from surface water-to-humans. <i>Journal of Environmental Radioactivity</i> , 2006, 87, 15-31.	1.7	10

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37	Measured elemental transfer factors for boreal hunter/gatherer scenarios: fish, game and berries. Journal of Environmental Radioactivity, 2010, 101, 902-909.	1.7	10
38	Estimation of ammonia emission episodes for a national inventory using a farmer survey and probable number of field working days. Canadian Journal of Soil Science, 2007, 87, 301-313.	1.2	9
39	Ecotoxicity of Aged Uranium in Soil Using Plant, Earthworm and Microarthropod Toxicity Tests. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 43-47.	2.7	8
40	How efficient is modern peri-urban nitrogen cycling: A case study. Journal of Environmental Management, 2019, 244, 462-471.	7.8	8
41	Elemental Composition of Swine Manure from 1997 to 2017: Changes Relevant to Environmental Consequences. Journal of Environmental Quality, 2019, 48, 164-170.	2.0	8
42	Systematic Identification of Analytical Indicators to Measure Soil Load on Plants for Safety Assessment Purposes. International Journal of Environmental Analytical Chemistry, 1995, 59, 239-252.	3.3	7
43	Impact of correlations on stochastic estimates of soil contamination and plant uptake. Health Physics, 1989, 57, 653-7.	0.5	7
44	Progressive extraction method applied to isotopic exchange of carbon-14. Communications in Soil Science and Plant Analysis, 1996, 27, 3059-3071.	1.4	4
45	Nitrogen budget estimated for 908 cow-calf, backgrounding and finishing beef operations across Canada. Nutrient Cycling in Agroecosystems, 2018, 110, 7-24.	2.2	4
46	Retention of Inorganic Carbon-14 by Isotopic Exchange in Soils. Journal of Environmental Quality, 1996, 25, 1153-1161.	2.0	3
47	Who gets to be an author...fallout from a recent controversy. Journal of Environmental Radioactivity, 2003, 68, 89-91.	1.7	1
48	Critical Loads Changing with Time. Human and Ecological Risk Assessment (HERA), 2008, 14, 439-454.	3.4	1
49	Trace Elements in Feed, Manure, and Manured Soils. Journal of Environmental Quality, 2013, 42, 1282-1282.	2.0	0