Laura L Van Eerd

List of Publications by Year
in descending order

60 papers	1,536 citations	394286 19 h-index	330025 37 g-index
60 all docs	60 docs citations	60 times ranked	1609 citing authors

#	Article	IF	Citations
1	Interactive effects between cover crop management and the environment modulate benefits to cash crop yields: a meta-analysis. Canadian Journal of Plant Science, 2022, 102, 656-678.	0.3	8
2	Linking soil microbial community structure to potential carbon mineralization: A continental scale assessment of reduced tillage. Soil Biology and Biochemistry, 2022, 168, 108618.	4.2	17
3	Cover crop-driven shifts in soil microbial communities could modulate early tomato biomass via plant-soil feedbacks. Scientific Reports, 2022, 12, .	1.6	10
4	Cover crops increase tomato productivity and reduce nitrogen losses in a temperate humid climate. Nutrient Cycling in Agroecosystems, 2021, 119, 195-211.	1.1	10
5	Optical sensors to predict sugarbeet yield, quality, and fertilizer nitrogen application rate. Canadian Journal of Plant Science, 2021, 101, 984-998.	0.3	0
6	Opportunities to reduce nitrous oxide emissions from horticultural production systems in Canada. Canadian Journal of Plant Science, 2021, 101, 999-1013.	0.3	3
7	Managing tomato vine decline with soil amendments and transplant treatments: fruit yield, quality, and plant-associated microbial communities. Canadian Journal of Plant Science, 2021, 101, 902-918.	0.3	4
8	Increased nitrogen retention by cover crops: implications of planting date on soil and plant nitrogen dynamics. Renewable Agriculture and Food Systems, 2020, 35, 720-729.	0.8	5
9	Cumulative impact of cover crops on soil carbon sequestration and profitability in a temperate humid climate. Scientific Reports, 2020, 10, 13381.	1.6	47
10	Cover crop and crop residue removal effects on temporal dynamics of soil carbon and nitrogen in a temperate, humid climate. PLoS ONE, 2020, 15, e0235665.	1.1	24
11	Title is missing!. , 2020, 15, e0235665.		0
12	Title is missing!. , 2020, 15, e0235665.		0
13	Title is missing!. , 2020, 15, e0235665.		0
14	Title is missing!. , 2020, 15, e0235665.		0
15	Title is missing!. , 2020, 15, e0235665.		0
16	Title is missing!. , 2020, 15, e0235665.		0
17	Winter Phosphorus Release from Cover Crops and Linkages with Runoff Chemistry. Journal of Environmental Quality, 2019, 48, 907-914.	1.0	32
18	Quantifying soil quality in a horticultural-cover cropping system. Geoderma, 2019, 352, 38-48.	2.3	41

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19	Nitrogen and Phosphorous Fertilizer Timing, Source, and Placement in Sugarbeet. Agronomy Journal, 2019, 111, 859-866.	0.9	3
20	Management sensitivity, repeatability, and consistency of interpretation of soil health indicators on organic farms in southwestern Ontario. Canadian Journal of Soil Science, 2019, 99, 508-519.	0.5	18
21	Nitrogen dynamics and yields of fresh bean and sweet corn with different cover crops and planting dates. Nutrient Cycling in Agroecosystems, 2018, 111, 33-46.	1.1	18
22	Evaluation of commercial soil health tests using a medium-term cover crop experiment in a humid, temperate climate. Plant and Soil, 2018, 427, 351-367.	1.8	44
23	Comparing the Biomass Yield and Biogas Potential of Phragmites australis with Miscanthus x giganteus and Panicum virgatum Grown in Canada. Energies, 2018, 11, 2198.	1.6	18
24	Nutrient Release from Living and Terminated Cover Crops Under Variable Freezeâ€“Thaw Cycles. Agronomy Journal, 2018, 110, 1036-1045.	0.9	33
25	Responses of spring-seeded cover crop roots by herbicide residues and short-term influence in soil aggregate stability and N cycling. Canadian Journal of Plant Science, 2018, 98, 990-1004.	0.3	5
26	Release of phosphorus from crop residue and cover crops over the non-growing season in a cool temperate region. Agricultural Water Management, 2017, 189, 39-51.	2.4	54
27	Legume cover crop management on nitrogen dynamics and yield in grain corn systems. Field Crops Research, 2017, 201, 75-85.	2.3	75
28	Interaction of long-term nitrogen fertilizer application, crop rotation, and tillage system on soil carbon and nitrogen dynamics. Plant and Soil, 2017, 410, 113-127.	1.8	45
29	Effect of Sugarbeet Density and Harvest Date on Most Profitable Nitrogen Rate. Agronomy Journal, 2017, 109, 2343-2357.	0.9	8
30	Winter cover crops on processing tomato yield, quality, pest pressure, nitrogen availability, and profit margins. PLoS ONE, 2017, 12, e0180500.	1.1	22
31	DRIFT Spectroscopy to Assess Cover Crop and Corn Stover Decomposition in Lab-Incubated Soil. Soil Science Society of America Journal, 2016, 80, 284-293.	1.2	14
32	Establishment and Impact of Cover Crops Intersown into Corn. Crop Science, 2016, 56, 1245-1256.	0.8	49
33	Survival of seeds from perennial biomass species during commercialâ€scale anaerobic digestion. Weed Research, 2016, 56, 258-266.	0.8	8
34	Response of four spring-seeded cover crops to residues of selected herbicides. Canadian Journal of Plant Science, 2015, 95, 303-313.	0.3	4
35	Winter wheat straw management on subsequent processing tomato yield, quality, economics and nitrogen dynamics. Canadian Journal of Plant Science, 2015, 95, 273-283.	0.3	5
36	Approximating Phosphorus Leaching from Agricultural Organic Soils by Soil Testing. Journal of Environmental Quality, 2015, 44, 1871-1882.	1.0	18

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37	Response of four fall-seeded cover crops to residues of selected herbicides. Crop Protection, 2015, 75, 11-17.	1.0	16
38	Nitrogen cycling and management in intensive horticultural systems. Nutrient Cycling in Agroecosystems, 2015, 102, 299-318.	1.1	65
39	Soil organic carbon and land use: Processes and potential in Ontarioâ€™s long-term agro-ecosystem research sites. Canadian Journal of Soil Science, 2014, 94, 317-336.	0.5	24
40	Long-term tillage and crop rotation effects on soil quality, organic carbon, and total nitrogen. Canadian Journal of Soil Science, 2014, 94, 303-315.	0.5	117
41	Amending soil with used cooking oil to reduce nitrogen losses after cole crop harvest: a 15N study. Nutrient Cycling in Agroecosystems, 2014, 100, 257-271.	1.1	12
42	Broccoli residue-derived nitrogen immobilization following amendments of organic carbon: An incubation study. Canadian Journal of Soil Science, 2013, 93, 23-31.	0.5	18
43	Evaluation of Post-Harvest Organic Carbon Amendments as a Strategy to Minimize Nitrogen Losses in Cole Crop Production. Agronomy, 2013, 3, 181-199.	1.3	19
44	Sugar beet (Beta vulgaris L.) storage quality in large outdoor piles is impacted by pile management but not by nitrogen fertilizer or cultivar. Canadian Journal of Plant Science, 2012, 92, 129-139.	0.3	20
45	Nitrogen cycling, profit margins and sweet corn yield under fall cover crop systems. Canadian Journal of Soil Science, 2012, 92, 353-365.	0.5	48
46	Weed Populations, Sweet Corn Yield, and Economics Following Fall Cover Crops. Weed Technology, 2011, 25, 374-384.	0.4	30
47	Weed Control, Environmental Impact, and Economics of Weed Management Strategies in Glyphosate-Resistant Soybean. Weed Technology, 2011, 25, 535-541.	0.4	17
48	Weed control, environmental impact and profitability with glyphosate tank mixes in glyphosate-tolerant corn. Canadian Journal of Plant Science, 2010, 90, 125-132.	0.3	6
49	Weed control, environmental impact and profitability with trifluralin plus reduced doses of imazethapyr in dry bean. Crop Protection, 2010, 29, 364-368.	1.0	12
50	Use of a Nitrogen Budget to Predict Nitrogen Losses in Processing Butternut Squash with Different Nitrogen Fertilization Strategies. Hortscience: A Publication of the American Society for Hortcultural Science, 2010, 45, 1734-1740.	0.5	3
51	Effect of reduced herbicide rates on weed control, environmental impact and profitability of corn. Canadian Journal of Plant Science, 2009, 89, 969-975.	0.3	1
52	Yield, Nitrogen Dynamics, and Fertilizer Use Efficiency in Machine-harvested Cucumber. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 1712-1718.	0.5	8
53	Weed control, environmental impact and profitability of reduced rates of imazethapyr in combination with dimethenamid in dry beans. Canadian Journal of Plant Science, 2007, 87, 671-678.	0.3	6
54	A Comparison of Reduced Rate and Economic Threshold Approaches to Weed Management in a Cornâ€“Soybean Rotation. Weed Technology, 2007, 21, 647-655.	0.4	12

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55	Weed management in dry beans (Phaseolus vulgaris) with dimethenamid plus reduced doses of imazethapyr applied preplant incorporated. Crop Protection, 2007, 26, 739-745.	1.0	19
56	Physiological and Biochemical Characterization of Quinclorac Resistance in a False Cleavers (Galium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	34
57	Resistance to quinclorac and ALS-inhibitor herbicides in Galium spurium is conferred by two distinct genes. Weed Research, 2004, 44, 355-365.	0.8	38
58	Pesticide metabolism in plants and microorganisms. Weed Science, 2003, 51, 472-495.	0.8	315
59	Future Research Directions for Weed Science1. Weed Technology, 2000, 14, 647-658.	0.4	44
60	Metabolism and Fate of [14C]Ethametsulfuron-methyl in Rutabaga (Brassica napobrassicaMill.). Journal of Agricultural and Food Chemistry, 2000, 48, 2977-2985.	2.4	10