

# Edith Charbonneau

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

422  
citations

933447

10  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Practices for Alleviating Heat Stress of Dairy Cows in Humid Continental Climates: A Literature Review. <i>Animals</i> , 2017, 7, 37.	2.3	87
2	Evaluation of calving indicators measured by automated monitoring devices to predict the onset of calving in Holstein dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 1539-1548.	3.4	67
3	The relationship between the number of consecutive days with heat stress and milk production of Holstein dairy cows raised in a humid continental climate. <i>Journal of Dairy Science</i> , 2019, 102, 8537-8545.	3.4	52
4	Soil Nitrous Oxide Emissions after Deposition of Dairy Cow Excreta in Eastern Canada. <i>Journal of Environmental Quality</i> , 2014, 43, 829-841.	2.0	42
5	Simulating forage crop production in a northern climate with the Integrated Farm System Model. <i>Canadian Journal of Plant Science</i> , 2015, 95, 745-757.	0.9	19
6	Nitrogen efficiency of eastern Canadian dairy herds: Effect on production performance and farm profitability. <i>Journal of Dairy Science</i> , 2017, 100, 6592-6601.	3.4	17
7	Selenium-fertilized forage as a way to supplement lactating dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 5358-5369.	3.4	16
8	Alternatives to Timothy Grown in Mixture with Alfalfa in Eastern Canada. <i>Agronomy Journal</i> , 2019, 111, 314-327.	1.8	16
9	Projected impact of future climate conditions on the agronomic and environmental performance of Canadian dairy farms. <i>Agricultural Systems</i> , 2017, 157, 241-257.	6.1	15
10	Hay to Reduce Dietary Cation-Anion Difference for Dry Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 1585-1596.	3.4	14
11	Short communication: Summer on-farm environmental condition assessments in Québec tiestall farms and adaptation of temperature-humidity index calculated with local meteorological data. <i>Journal of Dairy Science</i> , 2019, 102, 7503-7508.	3.4	11
12	Timothy Response to Increasing Rates of Selenium Fertilizer in Eastern Canada. <i>Agronomy Journal</i> , 2015, 107, 211-220.	1.8	10
13	Nitrogen availability from dairy cow dung and urine applied to forage grasses in eastern Canada. <i>Canadian Journal of Plant Science</i> , 2015, 95, 55-65.	0.9	9
14	Milk production and efficiency of utilization of nitrogen, metabolizable protein, and amino acids are affected by protein and energy supplies in dairy cows fed alfalfa-based diets. <i>Journal of Dairy Science</i> , 2022, 105, 329-346.	3.4	9
15	Prediction of standardized ileal digestibility and essential amino acid content of ingredients in swine: A meta-analysis. <i>Animal Feed Science and Technology</i> , 2015, 207, 204-221.	2.2	8
16	Potassium carbonate as a cation source for early-lactation dairy cows fed high-concentrate diets. <i>Journal of Dairy Science</i> , 2017, 100, 1751-1765.	3.4	8
17	An appraisal of the concept of Rumen Unsaturated Fatty Acid Load and its relation to milk fat concentration using data from commercial dairy farms. <i>The Professional Animal Scientist</i> , 2016, 32, 665-671.	0.7	4
18	Modeling whole farm profitability and environmental performance of four alfalfa-grass binary mixtures in eastern Canadian dairy farms. <i>Agronomy Journal</i> , 2021, 113, 4047-4063.	1.8	4

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19	Timothy silage with low dietary cation-anion difference fed to nonlactating cows. <i>Journal of Dairy Science</i> , 2009, 92, 2067-2077.	3.4	3
20	Modeled performance of forage mixtures and annual crops grown in eastern Canada under climate change. <i>Agronomy Journal</i> , 2021, 113, 4945-4964.	1.8	3
21	Effect of glycerol in combination with alfalfa on in vitro gas production and microbial protein synthesis. <i>Canadian Journal of Animal Science</i> , 2015, 95, 577-588.	1.5	2
22	Optimal Housing and Manure Management Strategies to Favor Productive and Environment-Friendly Dairy Farms in Qu�bec, Canada: Part II. Greenhouse Gas Mitigation Methods. <i>Transactions of the ASABE</i> , 2019, 62, 973-984.	1.1	2
23	Tall fescue as an alternative to timothy fed with or without alfalfa to dairy cows. <i>Journal of Dairy Science</i> , 2020, 103, 8062-8073.	3.4	2
24	Economic and environmental effects of revised metabolizable protein and amino acid recommendations on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2021, 104, 9981-9998.	3.4	2
25	Optimal Housing and Manure Management Strategies to Favor Productive and Environment-Friendly Dairy Farms in Qu�bec, Canada: Part I. Representative Farm Simulations. <i>Transactions of the ASABE</i> , 2019, 62, 959-972.	1.1	0