Serge-Ãtienne Parent

List of Publications by Year
in descending order

49 papers	632 citations	623188 14 h-index	676716 22 g-index
50 all docs	50 docs citations	50 times ranked	652 citing authors

#	Article	IF	Citations
1	Current and next-year cranberry yields predicted from local features and carryover effects. PLoS ONE, 2021, 16, e0250575.	1.1	12
2	Fertilization and Soil Nutrients Impact Differentially Cranberry Yield and Quality in Eastern Canada. Horticulturae, 2021, 7, 191.	1.2	9
3	Determining soil particle-size distribution from infrared spectra using machine learning predictions: Methodology and modeling. PLoS ONE, 2021, 16, e0233242.	1.1	5
4	Tea Bag Index to Assess Carbon Decomposition Rate in Cranberry Agroecosystems. Soil Systems, 2021, 5, 44.	1.0	8
5	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. PLoS ONE, 2020, 15, e0230888.	1.1	19
6	Humboldtian Diagnosis of Peach Tree (Prunus persica) Nutrition Using Machine-Learning and Compositional Methods. Agronomy, 2020, 10, 900.	1.3	22
7	Conditioning Machine Learning Models to Adjust Lowbush Blueberry Crop Management to the Local Agroecosystem. Plants, 2020, 9, 1401.	1.6	10
8	Cultivar-specific nutritional status of potato (Solanum tuberosum L.) crops. PLoS ONE, 2020, 15, e0230458.	1.1	13
9	Corn response to banded phosphorus fertilizers with or without manure application in Eastern Canada. Agronomy Journal, 2020, 112, 2176-2187.	0.9	14
10	Cultivar-specific nutritional status of potato (Solanum tuberosum L.) crops. , 2020, 15, e0230458.		0
11	Cultivar-specific nutritional status of potato (Solanum tuberosum L.) crops. , 2020, 15, e0230458.		0
12	Cultivar-specific nutritional status of potato (Solanum tuberosum L.) crops. , 2020, 15, e0230458.		0
13	Cultivar-specific nutritional status of potato (Solanum tuberosum L.) crops. , 2020, 15, e0230458.		0
14	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0
15	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0
16	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0
17	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0
18	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0

#	Article	IF	Citations
19	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. , 2020, 15, e0230888.		0
20	The Ionomics of Lettuce Infected by Xanthomonas campestris pv. vitians. Frontiers in Plant Science, 2019, 10, 351.	1.7	15
21	Using a soil bacterial species balance index to estimate potato crop productivity. PLoS ONE, 2019, 14, e0214089.	1.1	27
22	Balance design for robust foliar nutrient diagnosis of â€œPrataâ€•banana (Musa spp.). Scientific Reports, 2018, 8, 15040.	1.6	17
23	The use of isometric log ratios to classify phosphorus attributes in composts. Canadian Journal of Soil Science, 2018, 98, 448-457.	0.5	1
24	Phosphorus Over-Fertilization and Nutrient Misbalance of Irrigated Tomato Crops in Brazil. Frontiers in Plant Science, 2017, 8, 825.	1.7	30
25	N-P Fertilization Inhibits Growth of Root Hemiparasite Pedicularis kansuensis in Natural Grassland. Frontiers in Plant Science, 2017, 8, 2088.	1.7	13
26	Site-Specific Multilevel Modeling of Potato Response to Nitrogen Fertilization. Frontiers in Environmental Science, 2017, 5, .	1.5	6
27	Compaction of Coarse-Textured Soils: Balance Models across Mineral and Organic Compositions. Frontiers in Ecology and Evolution, 2017, 5, .	1.1	11
28	Nitrogen and Potassium Fertilization in a Guava Orchard Evaluated for Five Cycles: Effects on the Plant and on Production. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	0.5	1
29	Guava Waste to Sustain Guava (Psidium guajava) Agroecosystem: Nutrient â€œBalanceâ€•Concepts. Frontiers in Plant Science, 2016, 7, 1252.	1.7	15
30	Nitrogen and Potassium Fertilization in a Guava Orchard Evaluated for Five Cycles: Soil Cationic Balance. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	0.5	0
31	Nutrient Balances of New Zealand Kiwifruit (Actinidia deliciosacv. Hayward) at High Yield Level. Communications in Soil Science and Plant Analysis, 2015, 46, 256-271.	0.6	10
32	Meta-analysis in the Selection of Groups in Varieties of Citrus. Communications in Soil Science and Plant Analysis, 2015, 46, 1948-1959.	0.6	9
33	Biochemical Fractionation of Soil Organic Matter after Incorporation of Organic Residues. Open Journal of Soil Science, 2015, 05, 135-143.	0.3	5
34	Biogeochemistry of soil inorganic and organic phosphorus: A compositional analysis with balances. Journal of Geochemical Exploration, 2014, 141, 52-60.	1.5	19
35	Foliar Nutrient Balance Standards for Maize (<i>Zea mays</i> L.) at High-Yield Level. American Journal of Plant Sciences, 2014, 05, 497-507.	0.3	11
36	Adsorption and desorption behavior of selected pesticides as influenced by decomposition of maize mulch. Chemosphere, 2013, 91, 1447-1455.	4.2	35

#	Article	IF	Citations
37	The Plant Ionome Revisited by the Nutrient Balance Concept. Frontiers in Plant Science, 2013, 4, 39.	1.7	74
38	Plant ionome diagnosis using sound balances: case study with mango (Mangifera Indica). Frontiers in Plant Science, 2013, 4, 449.	1.7	48
39	Nutrient signature of Quebec (Canada) cranberry (Vaccinium macrocarpon Ait.). Revista Brasileira De Fruticultura, 2013, 35, 292-304.	0.2	12
40	Mineral Balance Plasticity of Cloudberry (<i>Rubus chamaemorus</i>) in Quebec-Labrador Bogs. American Journal of Plant Sciences, 2013, 04, 1508-1520.	0.3	15
41	THE CND-GOIABA 1.0 SOFTWARE FOR NUTRITIONAL DIAGNOSIS OF GUAVA (PSIDIUM GUAJAVA L.) 'PALUMA', IN BRAZIL. Acta Horticulturae, 2012, , 161-166.	0.1	2
42	Compositional analysis for an unbiased measure of soil aggregation. Geoderma, 2012, 179-180, 123-131.	2.3	31
43	Balancing guava nutrition with liming and fertilization. Revista Brasileira De Fruticultura, 2012, 34, 1224-1234.	0.2	19
44	Acidez do solo e calagem em pomares de frutÃferas tropicais. Revista Brasileira De Fruticultura, 2012, 34, 1294-1306.	0.2	22
45	Water retention curve and hydraulic conductivity function of highly compressible materials. Canadian Geotechnical Journal, 2007, 44, 1200-1214.	1.4	16
46	Design of Inclined Covers with Capillary Barrier Effect. Geotechnical and Geological Engineering, 2006, 24, 689-710.	0.8	34
47	Material Selection for the Design of inclined Covers with Capillary Barrier Effect. , 2005, , 1.		3
48	Determination of the Hydraulic Conductivity Function of a Highly Compressible Material Based on Tests with Saturated Samples. Geotechnical Testing Journal, 2004, 27, 11854.	0.5	9
49	Soil Acidity and Liming in Tropical Fruit Orchards. , 0, , .		6