

Lincoln Zotarelli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2915717/lincoln-zotarelli-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

71
papers

1,189
citations

18
h-index

33
g-index

123
ext. papers

1,424
ext. citations

2
avg, IF

4.36
L-index

#	Paper	IF	Citations
71	Microaggregate-associated carbon as a diagnostic fraction for management-induced changes in soil organic carbon in two Oxisols. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 1165-1172	7.5	169
70	Tomato yield, biomass accumulation, root distribution and irrigation water use efficiency on a sandy soil, as affected by nitrogen rate and irrigation scheduling. <i>Agricultural Water Management</i> , 2009 , 96, 23-34	5.9	163
69	Monitoring of nitrate leaching in sandy soils: comparison of three methods. <i>Journal of Environmental Quality</i> , 2007 , 36, 953-62	3.4	83
68	Nitrogen and water use efficiency of zucchini squash for a plastic mulch bed system on a sandy soil. <i>Scientia Horticulturae</i> , 2008 , 116, 8-16	4.1	61
67	Selenium impedes cadmium and arsenic toxicity in potato by modulating carbohydrate and nitrogen metabolism. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 180, 588-599	7	54
66	Influence of no-tillage and frequency of a green manure legume in crop rotations for balancing N outputs and preserving soil organic C stocks. <i>Field Crops Research</i> , 2012 , 132, 185-195	5.5	52
65	Performance of the SUBSTOR-potato model across contrasting growing conditions. <i>Field Crops Research</i> , 2017 , 202, 57-76	5.5	48
64	Use of Irrigation Technologies for Vegetable Crops in Florida. <i>HortTechnology</i> , 2010 , 20, 133-142	1.3	47
63	Soil moisture distribution under drip irrigation and seepage for potato production. <i>Agricultural Water Management</i> , 2016 , 169, 183-192	5.9	38
62	Defining biological thresholds associated to plant water status for monitoring water restriction effects: Stomatal conductance and photosynthesis recovery as key indicators in potato. <i>Agricultural Water Management</i> , 2016 , 177, 369-378	5.9	34
61	Rate and timing of nitrogen fertilizer application on potato [L1867]Part I: Plant nitrogen uptake and soil nitrogen availability. <i>Field Crops Research</i> , 2015 , 183, 246-256	5.5	32
60	Optimizing nitrogen fertilizer rates and time of application for potatoes under seepage irrigation. <i>Field Crops Research</i> , 2018 , 215, 49-58	5.5	26
59	Fixação biológica de nitrogênio e fertilizantes nitrogenados no balanço de nitrogênio em soja, milho e algodão. <i>Pesquisa Agropecuaria Brasileira</i> , 2006 , 41, 449-456	1.8	26
58	Sistema radicular da soja em função da compactação do solo no sistema de plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2006 , 41, 493-501	1.8	23
57	Impact of soil moisture and temperature on potato production using seepage and center pivot irrigation. <i>Agricultural Water Management</i> , 2016 , 165, 230-236	5.9	22
56	Fertilizer nitrogen uptake efficiencies for potato as influenced by application timing. <i>Nutrient Cycling in Agroecosystems</i> , 2016 , 104, 175-185	3.3	21
55	Rate and timing of nitrogen fertilizer application on potato [L1867]Part II: Marketable yield and tuber quality. <i>Field Crops Research</i> , 2015 , 183, 267-275	5.5	19

54	Effects of water table management on least limiting water range and potato root growth. <i>Agricultural Water Management</i> , 2017 , 186, 1-11	5.9	18
53	Nitrogen Fertilizer Rate and Application Timing for Chipping Potato Cultivar Atlantic. <i>Agronomy Journal</i> , 2014 , 106, 2215-2226	2.2	18
52	Biomass Accumulation, Marketable Yield, and Quality of Atlantic Potato in Response to Nitrogen. <i>Agronomy Journal</i> , 2015 , 107, 931-942	2.2	17
51	An irrigation schedule testing model for optimization of the Smartirrigation avocado app. <i>Agricultural Water Management</i> , 2017 , 179, 390-400	5.9	14
50	Calibra do medidor de clorofila Minolta SPAD-502 para avalia do conteo de nitrognio do milho. <i>Pesquisa Agropecuaria Brasileira</i> , 2003 , 38, 1117-1122	1.8	14
49	Initial Crown Diameter of Strawberry Bare-root Transplants Affects Early and Total Fruit Yield. <i>HortTechnology</i> , 2015 , 25, 203-208	1.3	12
48	Soil compaction influences soil physical quality and soybean yield under long-term no-tillage. <i>Archives of Agronomy and Soil Science</i> , 2021 , 67, 383-396	2	12
47	Influence of El Nio-Southern oscillation (ENSO) on agroclimatic zoning for tomato in Mozambique. <i>Agricultural and Forest Meteorology</i> , 2018 , 248, 316-328	5.8	11
46	Reductions in a Commercial Potato Irrigation Schedule during Tuber Bulking in Florida: Physiological, Yield, and Quality Effects. <i>Journal of Crop Improvement</i> , 2014 , 28, 660-679	1.4	11
45	Use of Irrigation Technologies for Citrus Trees in Florida. <i>HortTechnology</i> , 2010 , 20, 74-81	1.3	11
44	Ploidy level of citrus rootstocks affects the carbon and nitrogen metabolism in the leaves of Chromium-stressed Kinnow mandarin plants. <i>Environmental and Experimental Botany</i> , 2018 , 149, 70-80	5.9	10
43	High Levels of Heterozygosity Found for 15 SSR Loci in <i>Solanum chacoense</i> . <i>American Journal of Potato Research</i> , 2017 , 94, 638-646	2.1	9
42	Planting date and in-row plant spacing effects on growth and yield of cabbage under plastic mulch. <i>Scientia Horticulturae</i> , 2016 , 202, 49-56	4.1	9
41	Optimum Planting Configuration for High Population Plasticulture Grown Cabbage. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015 , 50, 1472-1478	2.4	8
40	Enhancing Fertilizer Efficiency in High Input Cropping Systems in Florida. <i>Sustainable Agriculture Reviews</i> , 2013 , 143-174	1.3	7
39	Irrigation method and application timing effect on potato nitrogen fertilizer uptake efficiency. <i>Nutrient Cycling in Agroecosystems</i> , 2018 , 112, 253-264	3.3	7
38	Irrigation method and harvest time affect storage quality of two early-season, tablestock potato (<i>Solanum tuberosum</i> L.) cultivars. <i>Scientia Horticulturae</i> , 2015 , 197, 428-433	4.1	6
37	Use of the Nitrogen Index to assess nitrate leaching and water drainage from plastic-mulched horticultural cropping systems of Florida. <i>International Soil and Water Conservation Research</i> , 2016 , 4, 237-244	6.9	6

36	Accounting for spatial trends to increase the selection efficiency in potato breeding. <i>Crop Science</i> , 2020 , 60, 2354-2372	2.4	5
35	Synthesis, characterization and agronomic use of alginate microspheres containing layered double hydroxides intercalated with borate. <i>New Journal of Chemistry</i> , 2020 , 44, 10066-10075	3.6	5
34	Rooting Characteristics of <i>Solanum chacoense</i> and <i>Solanum tuberosum</i> in Vitro. <i>American Journal of Potato Research</i> , 2017 , 94, 588-598	2.1	5
33	A Smart Irrigation Tool to Determine the Effects of ENSO on Water Requirements for Tomato Production in Mozambique. <i>Water (Switzerland)</i> , 2018 , 10, 1820	3	5
32	Optimization of irrigation and N-fertilizer strategies for cabbage plasticulture system. <i>Scientia Horticulturae</i> , 2018 , 234, 323-334	4.1	4
31	Planting Dates and Transplant Establishment Methods on Early-yield Strawberry in West-central Florida. <i>HortTechnology</i> , 2018 , 28, 615-623	1.3	4
30	Commercial Evaluation of Seasonal Distribution of Nitrogen Fertilizer for Potato. <i>Potato Research</i> , 2016 , 59, 1-20	3.2	3
29	Minimum Number of Soil Moisture Sensors for Monitoring and Irrigation Purposes. <i>Edis</i> , 2013 , 2013,	1.3	3
28	Cost-benefit Analysis of Cabbage Grown Using a Plasticulture and Seepage Bare Ground Production System in Florida. <i>HortTechnology</i> , 2016 , 26, 699-706	1.3	3
27	Genetic Covariance of Environments in the Potato National Chip Processing Trial. <i>Crop Science</i> , 2019 , 59, 107-114	2.4	3
26	Heat stress mitigation effects of kaolin and s-abscisic acid during the establishment of strawberry plug transplants. <i>Scientia Horticulturae</i> , 2020 , 267, 109276	4.1	2
25	Harvest Interval Has Greater Effect on Periderm Maturity and Storage Quality of Early-maturing, Tablestock Potato than Nitrogen Rate. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017 , 52, 1390-1395	2.4	2
24	Interaction Between Water and Nitrogen Application on Yields and Water-use Efficiency of Tomato and Pepper in Sandy Soil. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 981C-981	2.4	2
23	Nitrogen Accumulation and Root Distribution of Grafted Tomato Plants as Affected by Nitrogen Fertilization. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019 , 54, 1907-1914	2.4	2
22	Nitrogen Fertilizer Management and Cultivar Selection for Cabbage Production in the Southeastern United States. <i>HortTechnology</i> , 2020 , 30, 685-691	1.3	2
21	Methods for Strawberry Transplant Establishment in Florida. <i>Edis</i> , 2020 , 2020,	1.3	2
20	Can Cover Crop-based Systems Reduce Vegetable Crop Fertilizer Nitrogen Requirements in the Southeastern United States?. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 981B-981	2.4	2
19	Alginate beads containing layered double hydroxide intercalated with borate: a potential slow-release boron fertilizer for application in sandy soils. <i>New Journal of Chemistry</i> , 2020 , 44, 16965-16976	3.6	2

18	The Relationship Between Sap Flow and Commercial Soil Water Sensor Readings in Irrigated Potato (<i>Solanum tuberosum</i> L.) Production. <i>American Journal of Potato Research</i> , 2015 , 92, 582-592	2.1	1
17	Nitrogen Fertilizer Rate Affects Yield and Tuber Quality of Drip-Irrigated Tablestock Potatoes (<i>Solanum tuberosum</i> L.) Grown under Subtropical Conditions. <i>American Journal of Potato Research</i> , 2020 , 97, 605-614	2.1	1
16	Determining water requirements for young peach trees in a humid subtropical climate. <i>Agricultural Water Management</i> , 2020 , 233, 106102	5.9	1
15	Production Techniques for Strawberry Plugs in West-central Florida. <i>HortTechnology</i> , 2020 , 30, 238-247	1.3	1
14	Layered double hydroxides intercalated with borate: effect of fertilization on boron leaching and successive sunflower cultivations. <i>New Journal of Chemistry</i> , 2020 , 44, 10042-10049	3.6	1
13	Coordinated adjustments of carbohydrates and growth of tree legumes under different fertilization regimes in degraded areas in Amazonia. <i>New Forests</i> , 1	2.6	1
12	Impact of Early Potato Desiccation Method on Crop Growth, Skinning Injury, and Storage Quality Maintenance. <i>American Journal of Potato Research</i> , 2021 , 98, 218-231	2.1	1
11	Seed Piece Spacing for Early-Maturing Table-Stock Potato Grown under Subtropical Conditions. <i>American Journal of Potato Research</i> , 2021 , 98, 246-254	2.1	1
10	Greenhouse Evaluation of Pinewood Biochar Effects on Nutrient Status and Physiological Performance in Muscadine Grape (<i>Vitis rotundifolia</i> L.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2021 , 56, 277-285	2.4	1
9	Managing water table depth thresholds for potato subirrigation. <i>Agricultural Water Management</i> , 2022 , 259, 107236	5.9	0
8	Economic Feasibility of Converting from a Bare Ground System with Seepage Irrigation to Plasticulture for Cabbage Production: Where is the Risk?. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018 , 53, 875-881	2.4	0
7	Water uptake dynamics for adult peach trees in a subtropical humid climate. <i>Scientia Horticulturae</i> , 2020 , 267, 109318	4.1	
6	Nitrate Leaching, Yields, and Water-use Efficiency of Zucchini Squash (<i>Cucubita pepo</i>) under Different Irrigation and Nitrogen Rates and Methods in a Sandy Soil. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 988B-988	2.4	
5	Integrating Root Interception Capacity and Crop Nitrogen Demand into BMPs for Vegetable Crops. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006 , 41, 987E-988	2.4	
4	Quantifying <i>Solanum chacoense</i> root morphology responses to limited nitrogen supply using in vitro, hydroponic, and field monolith methods. <i>American Journal of Potato Research</i> , 2021 , 98, 157-170	2.1	
3	A semianalytical solution of the modified two-dimensional diffusive root growth model. <i>Vadose Zone Journal</i> , 2021 , 20, e20132	2.7	
2	Effect of pine bark volume and ventilation for bell pepper production in high tunnels. <i>Scientia Horticulturae</i> , 2016 , 207, 203-207	4.1	
1	Alleviating heat stress during early-season establishment of containerized strawberry transplants. <i>Journal of Berry Research</i> , 2022 , 12, 19-40	2	

