

Carl J Rosen

List of Publications by Year in descending order

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139
papers

4,407
citations

109321

35
h-index

128289

60
g-index

142
all docs

142
docs citations

142
times ranked

3863
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic Uptake by Plants from Soil Fertilized with Animal Manure. <i>Journal of Environmental Quality</i> , 2005, 34, 2082-2085.	2.0	507
2	Potato Yield Response and Nitrate Leaching as Influenced by Nitrogen Management. <i>Agronomy Journal</i> , 1998, 90, 10-15.	1.8	214
3	Research perspective on nitrogen bmp development for potato. <i>American Journal of Potato Research</i> , 2007, 84, 3-18.	0.9	148
4	Nitrate Leaching and Nitrogen Recovery Following Application of Polyolefin-Coated Urea to Potato. <i>Journal of Environmental Quality</i> , 2003, 32, 480-489.	2.0	140
5	Antibiotic Uptake by Vegetable Crops from Manure-Applied Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9992-10001.	5.2	133
6	Competitive control of invasive vegetation: a native wetland sedge suppresses <i>Phalaris arundinacea</i> in carbon-enriched soil. <i>Journal of Applied Ecology</i> , 2004, 41, 151-162.	4.0	126
7	Polymer-Coated Urea Maintains Potato Yields and Reduces Nitrous Oxide Emissions in a Minnesota Loamy Sand. <i>Soil Science Society of America Journal</i> , 2010, 74, 419-428.	2.2	103
8	Optimizing Phosphorus Fertilizer Management in Potato Production. <i>American Journal of Potato Research</i> , 2014, 91, 145-160.	0.9	103
9	Comparison of petiole nitrate concentrations, SPAD chlorophyll readings, and QuickBird satellite imagery in detecting nitrogen status of potato canopies. <i>Field Crops Research</i> , 2007, 101, 96-103.	5.1	96
10	Optimizing Nitrogen and Irrigation Inputs for Corn Based on Nitrate Leaching and Yield on a Coarse-Textured Soil. <i>Journal of Environmental Quality</i> , 1996, 25, 982-992.	2.0	93
11	Irrigation and Nitrogen Management Effects on Potato Yield, Tuber Quality, and Nitrogen Uptake. <i>Agronomy Journal</i> , 1999, 91, 991-997.	1.8	85
12	Exploring the Benefits of Organic Nutrient Sources for Crop Production and Soil Quality. <i>HortTechnology</i> , 2007, 17, 422-430.	0.9	85
13	Fertilizer and Irrigation Management Effects on Nitrous Oxide Emissions and Nitrate Leaching. <i>Agronomy Journal</i> , 2014, 106, 703-714.	1.8	84
14	Potato Yield and Tuber Set as Affected by Phosphorus Fertilization. <i>American Journal of Potato Research</i> , 2008, 85, 110-120.	0.9	80
15	Irrigation and Nitrogen Management Impacts on Nitrate Leaching under Potato. <i>Journal of Environmental Quality</i> , 2000, 29, 251-261.	2.0	75
16	Nitrogen Availability and Leaching from Soil Amended with Municipal Solid Waste Compost. <i>Journal of Environmental Quality</i> , 1999, 28, 1074-1082.	2.0	70
17	Horticultural Uses of Municipal Solid Waste Composts. <i>HortTechnology</i> , 1993, 3, 167-173.	0.9	67
18	Potato Response to a Polymer-Coated Urea on an Irrigated, Coarse-Textured Soil. <i>Agronomy Journal</i> , 2009, 101, 897-905.	1.8	63

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19	Hyperspectral aerial imagery for detecting nitrogen stress in two potato cultivars. <i>Computers and Electronics in Agriculture</i> , 2015, 112, 36-46.	7.7	61
20	Effects of Polymer-coated Urea on Nitrate Leaching and Nitrogen Uptake by Potato. <i>Journal of Environmental Quality</i> , 2010, 39, 492-499.	2.0	60
21	Evaluation of tuber-bearing <i>Solanum</i> species for nitrogen use efficiency and biomass partitioning. <i>American Journal of Potato Research</i> , 1999, 76, 143-151.	0.9	59
22	Survey of nitrogen fertilizer use on corn in Minnesota. <i>Agricultural Systems</i> , 2012, 109, 43-52.	6.1	55
23	Response of russet norkotah clonal selections to nitrogen fertilization. <i>American Journal of Potato Research</i> , 2002, 79, 231-239.	0.9	51
24	Land application of sewage sludge incinerator ash for phosphorus recovery: A review. <i>Chemosphere</i> , 2021, 274, 129609.	8.2	51
25	Broadcast Urea Reduces N ₂ O but Increases NO Emissions Compared with Conventional and Shallow-applied Anhydrous Ammonia in a Coarse-textured Soil. <i>Journal of Environmental Quality</i> , 2011, 40, 1806-1815.	2.0	49
26	Comparison of Contaminant Transport in Agricultural Drainage Water and Urban Stormwater Runoff. <i>PLoS ONE</i> , 2016, 11, e0167834.	2.5	47
27	Calibration of a petiole sap nitrate test for irrigated 'russet Burbank'™ potato. <i>Communications in Soil Science and Plant Analysis</i> , 1998, 29, 23-35.	1.4	45
28	Phosphate and Trace Metal Availability from Sewage Sludge Incinerator Ash. <i>Journal of Environmental Quality</i> , 1994, 23, 822-830.	2.0	44
29	Fertilizer Management Effects on Nitrate Leaching and Indirect Nitrous Oxide Emissions in Irrigated Potato Production. <i>Journal of Environmental Quality</i> , 2011, 40, 1103-1112.	2.0	43
30	Evaluation of Nitrate Leaching Potential in Minnesota Glacial Outwash Soils using the CERES-Maize Model. <i>Journal of Environmental Quality</i> , 1998, 27, 75-85.	2.0	41
31	A Comparison of Techniques for Determining Nitrogen Release from Polymer-coated Urea in the Field. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 492-494.	1.0	40
32	Swiss Chard and Alfalfa Responses to Soils Amended with Municipal Solid Waste Incinerator Ash: Growth and Elemental Composition. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1361-1368.	5.2	39
33	Enhanced Efficiency Fertilizers for Improved Nutrient Management: Potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.3	39
34	Phosphorus Runoff from Turfgrass as Affected by Phosphorus Fertilization and Clipping Management. <i>Journal of Environmental Quality</i> , 2010, 39, 282-292.	2.0	39
35	Screening of exotic potato germplasm for nitrogen uptake and biomass production. <i>American Journal of Potato Research</i> , 1998, 75, 93-100.	0.9	38
36	Nitrogen Form and Solution pH Influence Growth and Nutrition of Two <i>Vaccinium</i> Clones. <i>Journal of the American Society for Horticultural Science</i> , 1990, 115, 83-89.	1.0	38

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37	Environmental impacts of potato nutrient management. <i>American Journal of Potato Research</i> , 2005, 82, 321-328.	0.9	37
38	Improving Nutrient-Use Efficiency in Chinese Potato Production: Experiences from the United States. <i>Journal of Crop Improvement</i> , 2011, 25, 46-85.	1.7	37
39	Evaluation of Polyolefin-coated Urea for Potato Production on a Sandy Soil. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 1057-1060.	1.0	35
40	Arsenic Availability from Chromated Copper Arsenate (CCA)-Treated Wood. <i>Journal of Environmental Quality</i> , 2004, 33, 173-180.	2.0	33
41	Denitrifying Bacteria Active in Woodchip Bioreactors at Low-Temperature Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 635.	3.5	33
42	Carbon Quality of Four-Year-Old Woodchips in a Denitrification Bed Treating Agricultural Drainage Water. <i>Transactions of the ASABE</i> , 2018, 61, 995-1000.	1.1	31
43	Phosphorus Availability and Early Corn Growth Response in Soil Amended with Turkey Manure Ash. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 1369-1382.	1.4	29
44	Influence of root zone oxygen stress on potassium and ammonium absorption by Myrobalan plum rootstock. <i>Plant and Soil</i> , 1984, 80, 345-353.	3.7	28
45	The Effect of Calcium Sprays and Fruit Thinning on Bitter Pit Incidence and Calcium Content in "Honeycrisp" Apple. <i>Journal of Plant Nutrition</i> , 2006, 29, 1941-1957.	1.9	28
46	Corn Yield and Nitrogen Uptake in Sandy Soils Amended with Municipal Solid Waste Compost. <i>Journal of Production Agriculture</i> , 1998, 11, 469-475.	0.4	26
47	Evaluation of the nitrogen sufficiency index for use with high resolution, broadband aerial imagery in a commercial potato field. <i>Precision Agriculture</i> , 2014, 15, 202-226.	6.0	26
48	Nitrogen and carbon mineralization in soil amended with municipal solid waste compost. <i>Canadian Journal of Soil Science</i> , 1999, 79, 535-542.	1.2	25
49	Impact of Agronomic and Storage Practices on Acrylamide in Processed Potatoes. <i>American Journal of Potato Research</i> , 2018, 95, 319-327.	0.9	25
50	Hybrid Poplar and Forest Soil Response to Municipal and Industrial By-Products: A Greenhouse Study. <i>Journal of Environmental Quality</i> , 2004, 33, 1055-1061.	2.0	24
51	Split application of stabilized ammonium nitrate improved potato yield and nitrogen-use efficiency with reduced application rate in tropical sandy soils. <i>Field Crops Research</i> , 2020, 254, 107847.	5.1	24
52	Improving Potato Yield Prediction by Combining Cultivar Information and UAV Remote Sensing Data Using Machine Learning. <i>Remote Sensing</i> , 2021, 13, 3322.	4.0	24
53	Soil Solution Chemistry of Sewage-Sludge Incinerator Ash and Phosphate Fertilizer Amended Soil. <i>Journal of Environmental Quality</i> , 1995, 24, 279.	2.0	23
54	Testing Petiole Sap for Nitrate and Potassium: A Comparison of Several Analytical Procedures. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 1173-1176.	1.0	23

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55	The Effect Of Municipal Solid Waste Compost Application On Soil Water and Water Stress in Irrigated Corn. <i>Compost Science and Utilization</i> , 2000, 8, 236-246.	1.2	23
56	Evaluation of Variable Rate Nitrogen and Reduced Irrigation Management for Potato Production. <i>Agronomy Journal</i> , 2019, 111, 2005-2017.	1.8	22
57	Nitrate Leaching and Nitrogen Recovery Following Application of Polyolefin-Coated Urea to Potato. <i>Journal of Environmental Quality</i> , 2003, 32, 480.	2.0	22
58	Phosphorus Sequestration by Chemical Amendments to Reduce Leaching from Wastewater Applications. <i>Journal of Environmental Quality</i> , 2006, 35, 207-215.	2.0	21
59	Turkey Manure Ash Effects on Alfalfa Yield, Tissue Elemental Composition, and Chemical Soil Properties. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 2874-2897.	1.4	21
60	Non-linear hydraulic properties of woodchips necessary to design denitrification beds. <i>Journal of Hydrology</i> , 2016, 542, 463-473.	5.4	21
61	Nitrogen Source and Rate Effects on Irrigated Potato in Tropical Sandy Soils. <i>Agronomy Journal</i> , 2019, 111, 378-389.	1.8	21
62	Co-application of DMPSA and NBPT with urea mitigates both nitrous oxide emissions and nitrate leaching during irrigated potato production. <i>Environmental Pollution</i> , 2021, 284, 117124.	7.5	21
63	Fertilizer Nitrogen Rate Effects on Nutrient Removal by Corn Stover and Cobs. <i>Agronomy Journal</i> , 2013, 105, 437-445.	1.8	20
64	Contrasting effects of inhibitors and biostimulants on agronomic performance and reactive nitrogen losses during irrigated potato production. <i>Field Crops Research</i> , 2019, 240, 143-153.	5.1	20
65	Efficacy of bromide tracers for evaluating the hydraulics of denitrification beds treating agricultural drainage water. <i>Journal of Hydrology</i> , 2019, 574, 129-137.	5.4	19
66	Evaluation in Vitro of Blueberry Germplasm for Higher pH Tolerance. <i>Journal of the American Society for Horticultural Science</i> , 1991, 116, 312-316.	1.0	19
67	Response of Corn Grain, Cellulosic Biomass, and Ethanol Yields to Nitrogen Fertilization. <i>Agronomy Journal</i> , 2012, 104, 363-370.	1.8	18
68	United States Midwest Soil and Weather Conditions Influence Anaerobic Potentially Mineralizable Nitrogen. <i>Soil Science Society of America Journal</i> , 2019, 83, 1137-1147.	2.2	18
69	Blueberry Germplasm Screening at Several Soil pH Regimes. I. Plant Survival and Growth. <i>Journal of the American Society for Horticultural Science</i> , 1993, 118, 377-382.	1.0	17
70	Phosphorus Leaching in Sandy Outwash Soils following Potato-Processing Wastewater Application. <i>Journal of Environmental Quality</i> , 2005, 34, 1277-1285.	2.0	16
71	Cultivar and phosphorus effects on switchgrass yield and rhizosphere microbial diversity. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1973-1987.	3.6	16
72	Foliar- and Fruit-applied Strontium as a Tracer for Calcium Transport in Apple Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 220-224.	1.0	16

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73	A solidâ€phase buffer technique to maintain low concentrations of phosphate in nutrient solutions. <i>Journal of Plant Nutrition</i> , 1983, 6, 1043-1058.	1.9	15
74	Sewage sludge incinerator ash effects on soil chemical properties and growth of lettuce and corn. <i>Communications in Soil Science and Plant Analysis</i> , 1994, 25, 2409-2437.	1.4	15
75	Nutrient Supply and Neutralizing Value of Alfalfa Stem Gasification Ash. <i>Soil Science Society of America Journal</i> , 2002, 66, 171.	2.2	15
76	Changes in Soil pH and Extractable Phosphorus Following Application of Turkey Manure Incinerator Ash and Triple Superphosphate. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 1502-1512.	1.4	14
77	Impacts of cover crops and nitrogen fertilization on agricultural soil fungal and bacterial communities. <i>Plant and Soil</i> , 2021, 466, 139-150.	3.7	13
78	Yield, Dry Matter Partitioning, and Storage Quality of Hardneck Garlic as Affected by Soil Amendments and Scape Removal. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2001, 36, 1235-1239.	1.0	13
79	KINETICS OF NITROGEN MINERALIZATION IN SOILS AMENDED WITH SUGAR BEET PROCESSING BY-PRODUCTS. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 3635-3651.	1.4	12
80	Evaluation of resource-limiting strategies intended to prevent <i>Phalaris arundinacea</i> (reed) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 46	1.4	12
81	2,4-Dichlorophenoxyacetic Acid Increases Peonidin Derivatives in Red Norland Periderm. <i>American Journal of Potato Research</i> , 2009, 86, 15-23.	0.9	12
82	Pennycress as a Cash Cover-Crop: Improving the Sustainability of Sweet Corn Production Systems. <i>Agronomy</i> , 2020, 10, 614.	3.0	12
83	Reed Canarygrass Forage Yield and Nutrient Uptake on a Yearâ€round Wastewater Application Site. <i>Journal of Agronomy and Crop Science</i> , 2008, 194, 465-469.	3.5	11
84	Corn Response to Nitrogen Management under Fully-Irrigated vs. Water-Stressed Conditions. <i>Agronomy Journal</i> , 2016, 108, 2089-2098.	1.8	11
85	Reliability of Measurement and Genotype Ã— Environment Interaction for Potato Specific Gravity. <i>Crop Science</i> , 2017, 57, 1966-1972.	1.8	11
86	Impacts of Sampling Design on Estimates of Microbial Community Diversity and Composition in Agricultural Soils. <i>Microbial Ecology</i> , 2019, 78, 753-763.	2.8	11
87	Primocane-fruited Raspberry Production in High Tunnels in a Cold Region of the Upper Midwestern United States. <i>HortTechnology</i> , 2011, 21, 429-434.	0.9	11
88	Biomass Partitioning and Nitrogen Use Efficiency of 'Superior' Potato Following Genetic Transformation for Resistance to Colorado Potato Beetle. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 703-709.	1.0	11
89	Nitrogen and Phosphorus Leaching from Growing Season versus Year-Round Application of Wastewater on Seasonally Frozen Lands. <i>Journal of Environmental Quality</i> , 2006, 35, 324-333.	2.0	10
90	Enhanced Protease Inhibitor Expression in Plant Residues Slows Nitrogen Mineralization. <i>Agronomy Journal</i> , 2006, 98, 514-521.	1.8	10

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91	Predicting Economic Optimal Nitrogen Rate with the Anaerobic Potentially Mineralizable Nitrogen Test. <i>Agronomy Journal</i> , 2019, 111, 3329-3338.	1.8	10
92	Soilâ€nitrogen, potentially mineralizableâ€nitrogen, and field condition information marginally improves corn nitrogen management. <i>Agronomy Journal</i> , 2020, 112, 4332-4343.	1.8	10
93	Potato Tuber Chemical Properties in Storage as Affected by Cultivar and Nitrogen Rate: Implications for Acrylamide Formation. <i>Foods</i> , 2020, 9, 352.	4.3	10
94	Soil sample timing, nitrogen fertilization, and incubation length influence anaerobic potentially mineralizable nitrogen. <i>Soil Science Society of America Journal</i> , 2020, 84, 627-637.	2.2	10
95	Impact of variable rate nitrogen and reduced irrigation management on nitrate leaching for potato. <i>Journal of Environmental Quality</i> , 2020, 49, 281-291.	2.0	10
96	First Report of <i>Ditylenchus dipsaci</i> on Garlic in Minnesota. <i>Plant Disease</i> , 2012, 96, 1707-1707.	1.4	10
97	Leaf Tipburn in Cauliflower as Affected by Cultivar, Calcium Sprays, and Nitrogen Nutrition. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1990, 25, 660-663.	1.0	10
98	Acrylamide Formation in Processed Potatoes as Affected by Cultivar, Nitrogen Fertilization and Storage Time. <i>American Journal of Potato Research</i> , 2018, 95, 473-486.	0.9	9
99	Nitrogen uptake and utilization in advanced freshâ€market red potato breeding lines. <i>Crop Science</i> , 2021, 61, 878-895.	1.8	9
100	Relating nitrogen use efficiency to nitrogen nutrition index for evaluation of agronomic and environmental outcomes in potato. <i>Field Crops Research</i> , 2021, 262, 108041.	5.1	9
101	CORN AND SOIL RESPONSE TO APPLICATION OF ASH GENERATED FROM GASIFIED ALFALFA STEMS. <i>Soil Science</i> , 2000, 165, 896-907.	0.9	9
102	Blueberry Germplasm Screening at Several Soil pH Regimes. II. Plant Nutrient Composition. <i>Journal of the American Society for Horticultural Science</i> , 1993, 118, 383-387.	1.0	9
103	Land Application of Sugar Beet Byâ€products: Effects on Nitrogen Mineralization and Crop Yields. <i>Journal of Environmental Quality</i> , 2009, 38, 319-328.	2.0	8
104	Nitrogen Response of French Fry and Chip Cultivars Selected for Low Tuber Reducing Sugars. <i>American Journal of Potato Research</i> , 2017, 94, 606-616.	0.9	8
105	Characterization and Utilization of Nitrogen Contained in Sweet Corn Silage Waste. <i>Agronomy Journal</i> , 2001, 93, 627-633.	1.8	6
106	Leaf Edge Burn and Axillary Shoot Growth of Vegetative Poinsettia Plants: Influence of Calcium, Nitrogen Form, and Molybdenum. <i>Journal of the American Society for Horticultural Science</i> , 1990, 115, 73-78.	1.0	6
107	Potassium uptake characteristics of prunus rootstocks: Influence of solution Ca/Mg ratios and solution nickel. <i>Journal of Plant Nutrition</i> , 1984, 7, 865-885.	1.9	5
108	Arsenic Availability from Chromated Copper Arsenate (CCA)â€Treated Wood. <i>Journal of Environmental Quality</i> , 2004, 33, 173.	2.0	5

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109	Maize Stover and Cob Cell Wall Composition and Ethanol Potential as Affected by Nitrogen Fertilization. <i>Bioenergy Research</i> , 2015, 8, 1352-1361.	3.9	5
110	Adjusting corn nitrogen management by including a mineralizable nitrogen test with the preplant and presidedress nitrate tests. <i>Agronomy Journal</i> , 2020, 112, 3050-3064.	1.8	5
111	Potato Nitrogen Response and Soil Microbial Activity as Affected by Fumigation. <i>American Journal of Potato Research</i> , 2021, 98, 285-303.	0.9	5
112	Nitrogen and Harvest Management Effects on Switchgrass and Mixed Perennial Biomass Production. <i>Agronomy Journal</i> , 2018, 110, 1260-1273.	1.8	4
113	Nitrogen Fertility and Cultivar Effects on Potato Agronomic Properties and Acrylamide-forming Potential. <i>Agronomy Journal</i> , 2019, 111, 408-418.	1.8	4
114	Precipitation Drives Nitrogen Load Variability in Three Iowa Rivers. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100705.	2.4	4
115	Nitrogen Form and Solution pH Effects on Root Anatomy of Cranberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1990, 25, 1419-1421.	1.0	4
116	Exploring Overwintered Cover Crops as a Soil Management Tool in Upper-midwest High Tunnels. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 171-180.	1.0	4
117	INFLUENCE OF FOLIAR-APPLIED N-P-K FERTILIZERS ON PRODUCTIVITY AND NUTRITION OF JUNE-BEARING STRAWBERRIES. <i>Canadian Journal of Plant Science</i> , 1988, 68, 277-282.	0.9	3
118	Screening Common Bean Genotypes for Tolerance to Low Zinc Availability Using a Chelate-Buffered Hydroponics System. <i>Journal of Plant Nutrition</i> , 2004, 27, 275-293.	1.9	3
119	Does Irrigated Corn Require Multiple Applications of Sulfur?. <i>Soil Science Society of America Journal</i> , 2019, 83, 1124-1136.	2.2	3
120	Leaf elemental composition and bean yellow mosaic virus interrelationships in <i>Phaseolus vulgaris</i> L.. <i>Journal of Plant Nutrition</i> , 1980, 2, 283-303.	1.9	2
121	Productivity of processing peas as influenced by nitrogen fertilization, <i>Rhizobium</i> inoculation, and fungicide seed treatment. <i>Canadian Journal of Plant Science</i> , 1991, 71, 1271-1274.	0.9	2
122	Nitrogen Form and Solution pH Effect on Organic Acid Content of Cranberry Roots and Shoots. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1994, 29, 313-315.	1.0	2
123	Potassium Fertilizer Effects of Potato Yield and Petiole Sap Potassium Concentrations. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 592e-592.	1.0	2
124	Foliar Applied Strontium as a Tracer for Calcium Transport in Apple Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 853C-853.	1.0	2
125	Land Application of Sugar Beet By-products: Effects on Runoff and Percolating Water Quality. <i>Journal of Environmental Quality</i> , 2009, 38, 329-336.	2.0	1
126	Evaluation of a Quick Test to Assess Polymer-Coated Urea Prill Damage. <i>Agronomy Journal</i> , 2015, 107, 2381-2390.	1.8	1

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127	Data of bromide sorption experiments with woodchips and tracer testing of denitrification beds. Data in Brief, 2019, 24, 103914.	1.0	1
128	Use of Repeated Measures Data Analysis for Field Trials with Annual and Perennial Crops. Plants, 2022, 11, 1783.	3.5	1
129	Effect of EDTA and low calcium fertility on pericarp cation levels and ripening of rin tomato fruit. Postharvest Biology and Technology, 1996, 8, 279-284.	6.0	0
130	370 Iron and Iron Compounds Reduce Phosphorus Leaching from Nursery Containers. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 456B-456.	1.0	0
131	The Effect of Calcium Sprays and Crop Load on Bitter Pit Incidence in `Honeycrisp' Apple. Hortscience: A Publication of the American Society for Horticultural Science, 2004, 39, 780D-780.	1.0	0
132	057 IN VITRO SCREENING OF WESTERN UNITED STATES VACCINIUM SPECIES FOR pH TOLERANCE. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 436b-436.	1.0	0
133	1029 PREDICTING IN-SEASON NITROGEN REQUIREMENTS FOR IRRIGATED POTATOES USING NITRATE SAPTESTS. Hortscience: A Publication of the American Society for Horticultural Science, 1994, 29, 575g-576.	1.0	0
134	Testing Petiole Sap for Nitrate and Potassium: A Comparison of Different Analytical Techniques. Hortscience: A Publication of the American Society for Horticultural Science, 1995, 30, 908E-908.	1.0	0
135	Using Spoke Wheel Injectors for Improved N Use Efficiency in Dry Bulb Onions. Hortscience: A Publication of the American Society for Horticultural Science, 1995, 30, 759B-759.	1.0	0
136	Characterization and Use of Nitrogen Contained in Sweet Corn Silage Waste in Cropping Systems. Hortscience: A Publication of the American Society for Horticultural Science, 1996, 31, 610e-610.	1.0	0
137	Soil Quality Factors Affecting Garlic Production. Hortscience: A Publication of the American Society for Horticultural Science, 1997, 32, 445D-445.	1.0	0
138	Impact of Narrow Row Production on Yield Recovery, Nitrogen Use Efficiency, and Weed Competition in Sweet Corn. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 523d-523.	1.0	0
139	455 Response of Irrigated Potatoes to Polyolefin-coated Urea. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 523B-523.	1.0	0