Carl J Rosen

List of Publications by Year
in descending order

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	Exploring Overwintered Cover Crops as a Soil Management Tool in Upper-midwest High Tunnels. Hortscience: A Publication of the American Society for Hortcultural Science, 2022, 57, 171-180.	1.0	4
2	Use of Repeated Measures Data Analysis for Field Trials with Annual and Perennial Crops. Plants, 2022, 11, 1783.	3.5	1
3	Nitrogen uptake and utilization in advanced freshâ€market red potato breeding lines. Crop Science, 2021, 61, 878-895.	1.8	9
4	Relating nitrogen use efficiency to nitrogen nutrition index for evaluation of agronomic and environmental outcomes in potato. Field Crops Research, 2021, 262, 108041.	5.1	9
5	Impacts of cover crops and nitrogen fertilization on agricultural soil fungal and bacterial communities. Plant and Soil, 2021, 466, 139-150.	3.7	13
6	Land application of sewage sludge incinerator ash for phosphorus recovery: A review. Chemosphere, 2021, 274, 129609.	8.2	51
7	Improving Potato Yield Prediction by Combining Cultivar Information and UAV Remote Sensing Data Using Machine Learning. Remote Sensing, 2021, 13, 3322.	4.0	24
8	Co-application of DMPSA and NBPT with urea mitigates both nitrous oxide emissions and nitrate leaching during irrigated potato production. Environmental Pollution, 2021, 284, 117124.	7.5	21
9	Potato Nitrogen Response and Soil Microbial Activity as Affected by Fumigation. American Journal of Potato Research, 2021, 98, 285-303.	0.9	5
10	Precipitation Drives Nitrogen Load Variability in Three Iowa Rivers. Journal of Hydrology: Regional Studies, 2020, 30, 100705.	2.4	4
11	Soilâ€nitrogen, potentially mineralizableâ€nitrogen, and field condition information marginally improves corn nitrogen management. Agronomy Journal, 2020, 112, 4332-4343.	1.8	10
12	Pennycress as a Cash Cover-Crop: Improving the Sustainability of Sweet Corn Production Systems. Agronomy, 2020, 10, 614.	3.0	12
13	Split application of stabilized ammonium nitrate improved potato yield and nitrogen-use efficiency with reduced application rate in tropical sandy soils. Field Crops Research, 2020, 254, 107847.	5.1	24
14	Potato Tuber Chemical Properties in Storage as Affected by Cultivar and Nitrogen Rate: Implications for Acrylamide Formation. Foods, 2020, 9, 352.	4.3	10
15	Soil sample timing, nitrogen fertilization, and incubation length influence anaerobic potentially mineralizable nitrogen. Soil Science Society of America Journal, 2020, 84, 627-637.	2.2	10
16	Impact of variable rate nitrogen and reduced irrigation management on nitrate leaching for potato. Journal of Environmental Quality, 2020, 49, 281-291.	2.0	10
17	Adjusting corn nitrogen management by including a mineralizableâ€nitrogen test with the preplant and presidedress nitrate tests. Agronomy Journal, 2020, 112, 3050-3064.	1.8	5
18	Predicting Economic Optimal Nitrogen Rate with the Anaerobic Potentially Mineralizable Nitrogen Test. Agronomy Journal, 2019, 111, 3329-3338.	1.8	10

#	Article	IF	Citations
19	Does Irrigated Corn Require Multiple Applications of Sulfur?. Soil Science Society of America Journal, 2019, 83, 1124-1136.	2.2	3
20	United States Midwest Soil and Weather Conditions Influence Anaerobic Potentially Mineralizable Nitrogen. Soil Science Society of America Journal, 2019, 83, 1137-1147.	2.2	18
21	Evaluation of Variable Rate Nitrogen and Reduced Irrigation Management for Potato Production. Agronomy Journal, 2019, 111, 2005-2017.	1.8	22
22	Contrasting effects of inhibitors and biostimulants on agronomic performance and reactive nitrogen losses during irrigated potato production. Field Crops Research, 2019, 240, 143-153.	5.1	20
23	Data of bromide sorption experiments with woodchips and tracer testing of denitrification beds. Data in Brief, 2019, 24, 103914.	1.0	1
24	Efficacy of bromide tracers for evaluating the hydraulics of denitrification beds treating agricultural drainage water. Journal of Hydrology, 2019, 574, 129-137.	5.4	19
25	Impacts of Sampling Design on Estimates of Microbial Community Diversity and Composition in Agricultural Soils. Microbial Ecology, 2019, 78, 753-763.	2.8	11
26	Denitrifying Bacteria Active in Woodchip Bioreactors at Low-Temperature Conditions. Frontiers in Microbiology, 2019, 10, 635.	3.5	33
27	Nitrogen Source and Rate Effects on Irrigated Potato in Tropical Sandy Soils. Agronomy Journal, 2019, 111, 378-389.	1.8	21
28	Nitrogen Fertility and Cultivar Effects on Potato Agronomic Properties and Acrylamide-forming Potential. Agronomy Journal, 2019, 111, 408-418.	1.8	4
29	Cultivar and phosphorus effects on switchgrass yield and rhizosphere microbial diversity. Applied Microbiology and Biotechnology, 2019, 103, 1973-1987.	3.6	16
30	Acrylamide Formation in Processed Potatoes as Affected by Cultivar, Nitrogen Fertilization and Storage Time. American Journal of Potato Research, 2018, 95, 473-486.	0.9	9
31	Carbon Quality of Four-Year-Old Woodchips in a Denitrification Bed Treating Agricultural Drainage Water. Transactions of the ASABE, 2018, 61, 995-1000.	1.1	31
32	Impact of Agronomic and Storage Practices on Acrylamide in Processed Potatoes. American Journal of Potato Research, 2018, 95, 319-327.	0.9	25
33	Nitrogen and Harvest Management Effects on Switchgrass and Mixed Perennial Biomass Production. Agronomy Journal, 2018, 110, 1260-1273.	1.8	4
34	Nitrogen Response of French Fry and Chip Cultivars Selected for Low Tuber Reducing Sugars. American Journal of Potato Research, 2017, 94, 606-616.	0.9	8
35	Reliability of Measurement and Genotype Ã— Environment Interaction for Potato Specific Gravity. Crop Science, 2017, 57, 1966-1972.	1.8	11
36	Comparison of Contaminant Transport in Agricultural Drainage Water and Urban Stormwater Runoff. PLoS ONE, 2016, 11, e0167834.	2.5	47

#	Article	IF	Citations
37	Corn Response to Nitrogen Management under Fully-Irrigated vs. Water-Stressed Conditions. Agronomy Journal, 2016, 108, 2089-2098.	1.8	11
38	Non-linear hydraulic properties of woodchips necessary to design denitrification beds. Journal of Hydrology, 2016, 542, 463-473.	5.4	21
39	Evaluation of a Quick Test to Assess Polymer-Coated Urea Prill Damage. Agronomy Journal, 2015, 107, 2381-2390.	1.8	1
40	Maize Stover and Cob Cell Wall Composition and Ethanol Potential as Affected by Nitrogen Fertilization. Bioenergy Research, 2015, 8, 1352-1361.	3.9	5
41	Hyperspectral aerial imagery for detecting nitrogen stress in two potato cultivars. Computers and Electronics in Agriculture, 2015, 112, 36-46.	7.7	61
42	Evaluation of the nitrogen sufficiency index for use with high resolution, broadband aerial imagery in a commercial potato field. Precision Agriculture, 2014, 15, 202-226.	6.0	26
43	Optimizing Phosphorus Fertilizer Management in Potato Production. American Journal of Potato Research, 2014, 91, 145-160.	0.9	103
44	Fertilizer and Irrigation Management Effects on Nitrous Oxide Emissions and Nitrate Leaching. Agronomy Journal, 2014, 106, 703-714.	1.8	84
45	Antibiotic Uptake by Vegetable Crops from Manure-Applied Soils. Journal of Agricultural and Food Chemistry, 2013, 61, 9992-10001.	5.2	133
46	Fertilizer Nitrogen Rate Effects on Nutrient Removal by Corn Stover and Cobs. Agronomy Journal, 2013, 105, 437-445.	1.8	20
47	Survey of nitrogen fertilizer use on corn in Minnesota. Agricultural Systems, 2012, 109, 43-52.	6.1	55
48	Response of Corn Grain, Cellulosic Biomass, and Ethanol Yields to Nitrogen Fertilization. Agronomy Journal, 2012, 104, 363-370.	1.8	18
49	First Report of Ditylenchus dipsaci on Garlic in Minnesota. Plant Disease, 2012, 96, 1707-1707.	1.4	10
50	Fertilizer Management Effects on Nitrate Leaching and Indirect Nitrous Oxide Emissions in Irrigated Potato Production. Journal of Environmental Quality, 2011, 40, 1103-1112.	2.0	43
51	Improving Nutrient-Use Efficiency in Chinese Potato Production: Experiences from the United States. Journal of Crop Improvement, 2011, 25, 46-85.	1.7	37
52	Primocane-fruiting Raspberry Production in High Tunnels in a Cold Region of the Upper Midwestern United States. HortTechnology, 2011, 21, 429-434.	0.9	11
53	Broadcast Urea Reduces N₂O but Increases NO Emissions Compared with Conventional and Shallowâ€Applied Anhydrous Ammonia in a Coarseâ€Textured Soil. Journal of Environmental Quality, 2011, 40, 1806-1815.	2.0	49
54	Polymerâ€Coated Urea Maintains Potato Yields and Reduces Nitrous Oxide Emissions in a Minnesota Loamy Sand. Soil Science Society of America Journal, 2010, 74, 419-428.	2.2	103

#	Article	IF	Citations
55	Phosphorus Runoff from Turfgrass as Affected by Phosphorus Fertilization and Clipping Management. Journal of Environmental Quality, 2010, 39, 282-292.	2.0	39
56	Effects of Polymerâ€coated Urea on Nitrate Leaching and Nitrogen Uptake by Potato. Journal of Environmental Quality, 2010, 39, 492-499.	2.0	60
57	Changes in Soil pH and Extractable Phosphorus Following Application of Turkey Manure Incinerator Ash and Triple Superphosphate. Communications in Soil Science and Plant Analysis, 2010, 41, 1502-1512.	1.4	14
58	Phosphorus Availability and Early Corn Growth Response in Soil Amended with Turkey Manure Ash. Communications in Soil Science and Plant Analysis, 2010, 41, 1369-1382.	1.4	29
59	Land Application of Sugar Beet Byâ€products: Effects on Nitrogen Mineralization and Crop Yields. Journal of Environmental Quality, 2009, 38, 319-328.	2.0	8
60	Potato Response to a Polymer-Coated Urea on an Irrigated, Coarse-Textured Soil. Agronomy Journal, 2009, 101, 897-905.	1.8	63
61	Turkey Manure Ash Effects on Alfalfa Yield, Tissue Elemental Composition, and Chemical Soil Properties. Communications in Soil Science and Plant Analysis, 2009, 40, 2874-2897.	1.4	21
62	2,4-Dichlorophenoxyacetic Acid Increases Peonidin Derivatives in Red Norland Periderm. American Journal of Potato Research, 2009, 86, 15-23.	0.9	12
63	Land Application of Sugar Beet Byâ€products: Effects on Runoff and Percolating Water Quality. Journal of Environmental Quality, 2009, 38, 329-336.	2.0	1
64	A Comparison of Techniques for Determining Nitrogen Release from Polymer-coated Urea in the Field. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 492-494.	1.0	40
65	Potato Yield and Tuber Set as Affected by Phosphorus Fertilization. American Journal of Potato Research, 2008, 85, 110-120.	0.9	80
66	Reed Canarygrass Forage Yield and Nutrient Uptake on a Yearâ€round Wastewater Application Site. Journal of Agronomy and Crop Science, 2008, 194, 465-469.	3.5	11
67	Evaluation of resource-limiting strategies intended to preventPhalaris arundinacea(reed) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	12
68	Enhanced Efficiency Fertilizers for Improved Nutrient Management: Potato (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (t	0.3	39
69	Comparison of petiole nitrate concentrations, SPAD chlorophyll readings, and QuickBird satellite imagery in detecting nitrogen status of potato canopies. Field Crops Research, 2007, 101, 96-103.	5.1	96
70	Research perspective on nitrogen bmp development for potato. American Journal of Potato Research, 2007, 84, 3-18.	0.9	148
71	Exploring the Benefits of Organic Nutrient Sources for Crop Production and Soil Quality. HortTechnology, 2007, 17, 422-430.	0.9	85
72	The Effect of Calcium Sprays and Fruit Thinning on Bitter Pit Incidence and Calcium Content in â€˜Honeycrispâ€™ Apple. Journal of Plant Nutrition, 2006, 29, 1941-1957.	1.9	28

#	Article	IF	Citations
73	Phosphorus Sequestration by Chemical Amendments to Reduce Leaching from Wastewater Applications. Journal of Environmental Quality, 2006, 35, 207-215.	2.0	21
74	Nitrogen and Phosphorus Leaching from Growing Season versus Year-Round Application of Wastewater on Seasonally Frozen Lands. Journal of Environmental Quality, 2006, 35, 324-333.	2.0	10
75	Enhanced Protease Inhibitor Expression in Plant Residues Slows Nitrogen Mineralization. Agronomy Journal, 2006, 98, 514-521.	1.8	10
76	Foliar- and Fruit-applied Strontium as a Tracer for Calcium Transport in Apple Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 220-224.	1.0	16
77	Phosphorus Leaching in Sandy Outwash Soils following Potato-Processing Wastewater Application. Journal of Environmental Quality, 2005, 34, 1277-1285.	2.0	16
78	Antibiotic Uptake by Plants from Soil Fertilized with Animal Manure. Journal of Environmental Quality, 2005, 34, 2082-2085.	2.0	507
79	Environmental impacts of potato nutrient management. American Journal of Potato Research, 2005, 82, 321-328.	0.9	37
80	Arsenic Availability from Chromated Copper Arsenate (CCA)â€“Treated Wood. Journal of Environmental Quality, 2004, 33, 173.	2.0	5
81	Arsenic Availability from Chromated Copper Arsenate (CCA)â€“Treated Wood. Journal of Environmental Quality, 2004, 33, 173-180.	2.0	33
82	Hybrid Poplar and Forest Soil Response to Municipal and Industrial Byâ€Products: A Greenhouse Study. Journal of Environmental Quality, 2004, 33, 1055-1061.	2.0	24
83	Screening Common Bean Genotypes for Tolerance to Low Zinc Availability Using a Chelate-Buffered Hydroponics System. Journal of Plant Nutrition, 2004, 27, 275-293.	1.9	3
84	Competitive control of invasive vegetation: a native wetland sedge suppresses Phalaris arundinacea in carbon-enriched soil. Journal of Applied Ecology, 2004, 41, 151-162.	4.0	126
85	Foliar Applied Strontium as a Tracer for Calcium Transport in Apple Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 853C-853.	1.0	2
86	The Effect of Calcium Sprays and Crop Load on Bitter Pit Incidence in `Honeycrisp' Apple. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 780D-780.	1.0	0
87	Nitrate Leaching and Nitrogen Recovery Following Application of Polyolefinâ€Coated Urea to Potato. Journal of Environmental Quality, 2003, 32, 480-489.	2.0	140
88	Nitrate Leaching and Nitrogen Recovery Following Application of Polyolefin-Coated Urea to Potato. Journal of Environmental Quality, 2003, 32, 480.	2.0	22
89	KINETICS OF NITROGEN MINERALIZATION IN SOILS AMENDED WITH SUGAR BEET PROCESSING BY-PRODUCTS. Communications in Soil Science and Plant Analysis, 2002, 33, 3635-3651.	1.4	12
90	Response of russet norkotah clonal selections to nitrogen fertilization. American Journal of Potato Research, 2002, 79, 231-239.	0.9	51

#	Article	IF	Citations
91	Biomass Partitioning and Nitrogen Use Efficiency of `Superior' Potato Following Genetic Transformation for Resistance to Colorado Potato Beetle. Journal of the American Society for Horticultural Science, 2002, 127, 703-709.	1.0	11
92	Nutrient Supply and Neutralizing Value of Alfalfa Stem Gasification Ash. Soil Science Society of America Journal, 2002, 66, 171.	2.2	15
93	Characterization and Utilization of Nitrogen Contained in Sweet Corn Silage Waste. Agronomy Journal, 2001, 93, 627-633.	1.8	6
94	Evaluation of Polyolefin-coated Urea for Potato Production on a Sandy Soil. Hortscience: A Publication of the American Society for Hortcultural Science, 2001, 36, 1057-1060.	1.0	35
95	Yield, Dry Matter Partitioning, and Storage Quality of Hardneck Garlic as Affected by Soil Amendments and Scape Removal. Hortscience: A Publication of the American Society for Hortcultural Science, 2001, 36, 1235-1239.	1.0	13
96	Irrigationâ€•and Nitrogenâ€Management Impacts on Nitrate Leaching under Potato. Journal of Environmental Quality, 2000, 29, 251-261.	2.0	75
97	The Effect Of Municipal Solid Waste Compost Application On Soil Water and Water Stress in Irrigated Corn. Compost Science and Utilization, 2000, 8, 236-246.	1.2	23
98	CORN AND SOIL RESPONSE TO APPLICATION OF ASH GENERATED FROM GASIFIED ALFALFA STEMS. Soil Science, 2000, 165, 896-907.	0.9	9
99	370 Iron and Iron Compounds Reduce Phosphorus Leaching from Nursery Containers. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 456B-456.	1.0	0
100	Nitrogen Availability and Leaching from Soil Amended with Municipal Solid Waste Compost. Journal of Environmental Quality, 1999, 28, 1074-1082.	2.0	70
101	Evaluation of tuber-bearingSolanum species for nitrogen use efficiency and biomass partitioning. American Journal of Potato Research, 1999, 76, 143-151.	0.9	59
102	Nitrogen and carbon mineralization in soil amended with municipal solid waste compost. Canadian Journal of Soil Science, 1999, 79, 535-542.	1.2	25
103	Irrigation and Nitrogen Management Effects on Potato Yield, Tuber Quality, and Nitrogen Uptake. Agronomy Journal, 1999, 91, 991-997.	1.8	85
104	455 Response of Irrigated Potatoes to Polyolefin-coated Urea. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 523B-523.	1.0	0
105	Screening of exotic potato germplasm for nitrogen uptake and biomass production. American Journal of Potato Research, 1998, 75, 93-100.	0.9	38
106	Calibration of a petiole sap nitrate test for irrigated â€˜russet Burbankâ€™ potato. Communications in Soil Science and Plant Analysis, 1998, 29, 23-35.	1.4	45
107	Evaluation of Nitrate Leaching Potential in Minnesota Glacial Outwash Soils using the CERESâ€Maize Model. Journal of Environmental Quality, 1998, 27, 75-85.	2.0	41
108	Corn Yield and Nitrogen Uptake in Sandy Soils Amended with Municipal Solid Waste Compost. Journal of Production Agriculture, 1998, 11, 469-475.	0.4	26

#	Article	IF	Citations
109	Potato Yield Response and Nitrate Leaching as Influenced by Nitrogen Management. Agronomy Journal, 1998, 90, 10-15.	1.8	214
110	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 Hortcultural Science, 1998, 33, 523d-523.	1.0	0
111	Soil Quality Factors Affecting Garlic Production. Hortscience: A Publication of the American Society for Hortcultural Science, 1997, 32, 445D-445.	1.0	0
112	Testing Petiole Sap for Nitrate and Potassium: A Comparison of Several Analytical Procedures. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 1173-1176.	1.0	23
113	Optimizing Nitrogen and Irrigation Inputs for Corn Based on Nitrate Leaching and Yield on a Coarseâ€Textured Soil. Journal of Environmental Quality, 1996, 25, 982-992.	2.0	93
114	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
115	Potassium Fertilizer Effects of Potato Yield and Petiole Sap Potassium Concentrations. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 592e-592.	1.0	2
116	Characterization and Use of Nitrogen Contained in Sweet Corn Silage Waste in Cropping Systems. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 610e-610.	1.0	0
117	Soil Solution Chemistry of Sewage-Sludge Incinerator Ash and Phosphate Fertilizer Amended Soil. Journal of Environmental Quality, 1995, 24, 279.	2.0	23
118	Testing Petiole Sap for Nitrate and Potassium: A Comparison of Different Analytical Techniques. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 908E-908.	1.0	0
119	Using Spoke Wheel Injectors for Improved N Use Efficiency in Dry Bulb Onions. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 759B-759.	1.0	0
120	Phosphate and Trace Metal Availability from Sewageâ€Sludge Incinerator Ash. Journal of Environmental Quality, 1994, 23, 822-830.	2.0	44
121	Swiss Chard and Alfalfa Responses to Soils Amended with Municipal Solid Waste Incinerator Ash: Growth and Elemental Composition. Journal of Agricultural and Food Chemistry, 1994, 42, 1361-1368.	5.2	39
122	Sewage sludge incinerator ash effects on soil chemical properties and growth of lettuce and corn. Communications in Soil Science and Plant Analysis, 1994, 25, 2409-2437.	1.4	15
123	Nitrogen Form and Solution pH Effect on Organic Acid Content of Cranberry Roots and Shoots. Hortscience: A Publication of the American Society for Hortcultural Science, 1994, 29, 313-315.	1.0	2
124	057 IN VITRO SCREENING OF WESTERN UNITED STATES VACCINIUM SPECIES FOR pH TOLERANCE. Hortscience: A Publication of the American Society for Hortcultural Science, 1994, 29, 436b-436.	1.0	0
125	1029 PREDICTING IN-SEASON NITROGEN REQUIREMENTS FOR IRRIGATED POTATOES USING NITRATE SAPTESTS. Hortscience: A Publication of the American Society for Hortcultural Science, 1994, 29, 575g-576.	1.0	0
126	Horticultural Uses of Municipal Solid Waste Composts. HortTechnology, 1993, 3, 167-173.	0.9	67

#	Article	IF	Citations
127	Blueberry Germplasm Screening at Several Soil pH Regimes. I. Plant Survival and Growth. Journal of the American Society for Horticultural Science, 1993, 118, 377-382.	1.0	17
128	Blueberry Germplasm Screening at Several Soil pH Regimes. II. Plant Nutrient Composition. Journal of the American Society for Horticultural Science, 1993, 118, 383-387.	1.0	9
129	Productivity of processing peas as influenced by nitrogen fertilization, Rhizobium inoculation, and fungicide seed treatment. Canadian Journal of Plant Science, 1991, 71, 1271-1274.	0.9	2
130	Evaluation in Vitro of Blueberry Germplasm for Higher pH Tolerance. Journal of the American Society for Horticultural Science, 1991, 116, 312-316.	1.0	19
131	Nitrogen Form and Solution pH Effects on Root Anatomy of Cranberry. Hortscience: A Publication of the American Society for Hortcultural Science, 1990, 25, 1419-1421.	1.0	4
132	Leaf Tipburn in Cauliflower as Affected by Cultivar, Calcium Sprays, and Nitrogen Nutrition. Hortscience: A Publication of the American Society for Hortcultural Science, 1990, 25, 660-663.	1.0	10
133	Leaf Edge Burn and Axillary Shoot Growth of Vegetative Poinsettia Plants: Influence of Calcium, Nitrogen Form, and Molybdenum. Journal of the American Society for Horticultural Science, 1990, 115, 73-78.	1.0	6
134	Nitrogen Form and Solution pH Influence Growth and Nutrition of Two Vaccinium Clones. Journal of the American Society for Horticultural Science, 1990, 115, 83-89.	1.0	38
135	INFLUENCE OF FOLIAR-APPLIED N-P-K FERTILIZERS ON PRODUCTIVITY AND NUTRITION OF JUNE-BEARING STRAWBERRIES. Canadian Journal of Plant Science, 1988, 68, 277-282.	0.9	3
136	Influence of root zone oxygen stress on potassium and ammonium absorption by Myrobalan plum rootstock. Plant and Soil, 1984, 80, 345-353.	3.7	28
137	Potassium uptake characteristics ofprunusrootstocks: Influence of solution Ca/Mg ratios and solution nickel. Journal of Plant Nutrition, 1984, 7, 865-885.	1.9	5
138	A solidâ€phase buffer technique to maintain low concentrations of phosphate in nutrient solutions. Journal of Plant Nutrition, 1983, 6, 1043-1058.	1.9	15
139	Leaf elemental composition and bean yellow mosaic virus interrelationships inPhaseolus vulgarisL.. Journal of Plant Nutrition, 1980, 2, 283-303.	1.9	2