Lailiang Cheng

List of Publications by Year
in descending order

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128 papers	5,263 citations	66343 42 h-index	91884 69 g-index
130 all docs	130 docs citations	130 times ranked	4915 citing authors

#	Article	IF	Citations
1	Genome re-sequencing reveals the history of apple and supports a two-stage model for fruit enlargement. Nature Communications, 2017, 8, 249.	12.8	286
2	Developmental changes of carbohydrates, organic acids, amino acids, and phenolic compounds in â€˜Honeycrispâ€™ apple flesh. Food Chemistry, 2010, 123, 1013-1018.	8.2	273
3	Expression Patterns of Genes Involved in Sugar Metabolism and Accumulation during Apple Fruit Development. PLoS ONE, 2012, 7, e33055.	2.5	231
4	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. Plant Physiology, 2016, 170, 1315-1330.	4.8	203
5	Rubisco activation state decreases with increasing nitrogen content in apple leaves. Journal of Experimental Botany, 2000, 51, 1687-1694.	4.8	172
6	Phased diploid genome assemblies and pan-genomes provide insights into the genetic history of apple domestication. Nature Genetics, 2020, 52, 1423-1432.	21.4	168
7	Delay in leaf senescence of Malus hupehensis by longâ€term melatonin application is associated with its regulation of metabolic status and protein degradation. Journal of Pineal Research, 2013, 55, 424-434.	7.4	160
8	The sun-exposed peel of apple fruit has higher xanthophyll cycle-dependent thermal dissipation and antioxidants of the ascorbateâ€“glutathione pathway than the shaded peel. Plant Science, 2003, 165, 819-827.	3.6	146
9	A natural mutation-led truncation in one of the two aluminum-activated malate transporter-like genes at the Ma locus is associated with low fruit acidity in apple. Molecular Genetics and Genomics, 2012, 287, 663-678.	2.1	124
10	Effects of high temperature coupled with high light on the balance between photooxidation and photoprotection in the sun-exposed peel of apple. Planta, 2008, 228, 745-756.	3.2	116
11	Phenylpropanoid metabolites and expression of key genes involved inÂanthocyanin biosynthesis in the shaded peel of apple fruit in response to sun exposure. Plant Physiology and Biochemistry, 2013, 69, 54-61.	5.8	114
12	Sugar metabolism and accumulation in the fruit of transgenic apple trees with decreased sorbitol synthesis. Horticulture Research, 2018, 5, 60.	6.3	112
13	Growth of young apple trees in relation to reserve nitrogen and carbohydrates. Tree Physiology, 2002, 22, 1297-1303.	3.1	110
14	Polyphenolic profiles detected in the ripe berries of Vitis vinifera germplasm. Food Chemistry, 2011, 129, 940-950.	8.2	102
15	Sorbitol Modulates Resistance to Alternaria alternata by Regulating the Expression of an NLR Resistance Gene in Apple. Plant Cell, 2018, 30, 1562-1581.	6.6	97
16	Heterogeneous behavior of PSII in soybean (Glycine max) leaves with identical PSII photochemistry efficiency under different high temperature treatments. Journal of Plant Physiology, 2009, 166, 1607-1615.	3.5	93
17	Genome-wide identification and characterization of WRKY transcriptional factor family in apple and analysis of their responses to waterlogging and drought stress. Plant Physiology and Biochemistry, 2016, 103, 71-83.	5.8	87
18	Antisense inhibition of sorbitol synthesis leads to up-regulation of starch synthesis without altering CO2 assimilation in apple leaves. Planta, 2005, 220, 767-776.	3.2	84

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19	Proteomic analysis reveals dynamic regulation of fruit development and sugar and acid accumulation in apple. Journal of Experimental Botany, 2016, 67, 5145-5157.	4.8	84
20	Phloem Loading Strategies and Water Relations in Trees and Herbaceous Plants Â Â. Plant Physiology, 2011, 157, 1518-1527.	4.8	79
21	Primary and secondary metabolism in the sunâ€exposed peel and the shaded peel of apple fruit. Physiologia Plantarum, 2013, 148, 9-24.	5.2	78
22	Nitrogen storage and its interaction with carbohydrates of young apple trees in response to nitrogen supply. Tree Physiology, 2004, 24, 91-98.	3.1	76
23	Both xanthophyll cycleâ€dependent thermal dissipation and the antioxidant system are upâ€regulated in grape (Vitis labrusca L. cv. Concord) leaves in response to N limitation. Journal of Experimental Botany, 2003, 54, 2165-2175.	4.8	75
24	Overexpression of a Malus vacuolar Na+/H+ antiporter gene (MdNHX1) in apple rootstock M.26 and its influence on salt tolerance. Plant Cell, Tissue and Organ Culture, 2010, 102, 337-345.	2.3	71
25	Effects of location within the tree canopy on carbohydrates, organic acids, amino acids and phenolic compounds in the fruit peel and flesh from three apple (Malus Ã— domestica) cultivars. Horticulture Research, 2014, 1, 14019.	6.3	69
26	Uncovering co-expression gene network modules regulating fruit acidity in diverse apples. BMC Genomics, 2015, 16, 612.	2.8	68
27	Phloem Loading Strategies in Three Plant Species That Transport Sugar Alcohols. Plant Physiology, 2009, 149, 1601-1608.	4.8	67
28	Antioxidant and Antiproliferative Activities of Twenty-Four Vitis vinifera Grapes. PLoS ONE, 2014, 9, e105146.	2.5	66
29	Decreased sorbitol synthesis leads to abnormal stamen development and reduced pollen tube growth via an MYB transcription factor, MdMYB39L, in apple (Malus domestica). New Phytologist, 2018, 217, 641-656.	7.3	61
30	Metabolism of organic acids, nitrogen and amino acids in chlorotic leaves of â€˜Honeycrispâ€™ apple (Malus domestica Borkh) with excessive accumulation of carbohydrates. Planta, 2010, 232, 511-522.	3.2	60
31	Accumulation of Macro- and Micronutrients and Nitrogen Demand-supply Relationship of â€˜Galaâ€™/â€˜Malling 26â€™ Apple Trees Grown in Sand Culture. Journal of the American Society for Horticultural Science, 2009, 134, 3-13.	1.0	60
32	Carbon Assimilation and Carbohydrate Metabolism of `Concord' Grape (Vitis labrusca L.) Leaves in Response to Nitrogen Supply. Journal of the American Society for Horticultural Science, 2003, 128, 754-760.	1.0	59
33	Down-regulation of sorbitol dehydrogenase and up-regulation of sucrose synthase in shoot tips of the transgenic apple trees with decreased sorbitol synthesis. Journal of Experimental Botany, 2006, 57, 3647-3657.	4.8	58
34	Genome-wide identification and expression analysis of the bZIP gene family in apple (Malus domestica). Tree Genetics and Genomes, 2016, 12, 1.	1.6	58
35	The effects of bagging and debagging on external fruit quality, metabolites, and the expression of anthocyanin biosynthetic genes in â€˜Jonagoldâ€™ apple (Malus domestica Borkh.). Scientia Horticulturae, 2014, 165, 123-131.	3.6	57
36	Polyphenolic composition and content in the ripe berries of wild Vitis species. Food Chemistry, 2012, 132, 730-738.	8.2	56

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37	The relationship between photosystem II efficiency and quantum yield for CO2 assimilation is not affected by nitrogen content in apple leaves. Journal of Experimental Botany, 2001, 52, 1865-1872.	4.8	52
38	A Neighboring Aromatic-Aromatic Amino Acid Combination Governs Activity Divergence between Tomato Phytoene Synthases. Plant Physiology, 2019, 180, 1988-2003.	4.8	50
39	A Sugar Transporter Takes Up both Hexose and Sucrose for Sorbitol-Modulated In Vitro Pollen Tube Growth in Apple. Plant Cell, 2020, 32, 449-469.	6.6	49
40	Efficient isolation of Magnolia protoplasts and the application to subcellular localization of MdeHSF1. Plant Methods, 2017, 13, 44.	4.3	48
41	Purification and characterization of sorbitol-6-phosphate phosphatase from apple leaves. Plant Science, 2003, 165, 227-232.	3.6	47
42	Comparison of thermotolerance of sun-exposed peel and shaded peel of â€˜Fujiâ€™ apple. Environmental and Experimental Botany, 2009, 66, 110-116.	4.2	47
43	Increased activity of MdFRK2, a high-affinity fructokinase, leads to upregulation of sorbitol metabolism and downregulation of sucrose metabolism in apple leaves. Horticulture Research, 2018, 5, 71.	6.3	47
44	The shaded side of apple fruit becomes more sensitive to photoinhibition with fruit development. Physiologia Plantarum, 2008, 134, 282-292.	5.2	45
45	Red â€˜Anjouâ€™ pear has a higher photoprotective capacity than green â€˜Anjouâ€™. Physiologia Plantarum, 2008, 134, 486-498.	5.2	44
46	Heterologous expression of the apple hexose transporter Md<scp>HT</scp>2.2 altered sugar concentration with increasing cell wall invertase activity in tomato fruit. Plant Biotechnology Journal, 2020, 18, 540-552.	8.3	42
47	Apple ALMT9 Requires a Conserved C-Terminal Domain for Malate Transport Underlying Fruit Acidity. Plant Physiology, 2020, 182, 992-1006.	4.8	41
48	Xanthophyll cycle pool size and composition in relation to the nitrogen content of apple leaves. Journal of Experimental Botany, 2003, 54, 385-393.	4.8	40
49	Antioxidant metabolism of 1-methylcyclopropene (1-MCP) treated â€˜Empireâ€™ apples during controlled atmosphere storage. Postharvest Biology and Technology, 2012, 65, 79-91.	6.0	39
50	Effects of Nitrogen Supply on Source-sink Balance and Fruit Size of â€˜Galaâ€™ Apple Trees. Journal of the American Society for Horticultural Science, 2009, 134, 126-133.	1.0	38
51	Genome-wide identification and expression analysis of calmodulin and calmodulin-like genes in apple (Malusâ€˜Ã—â€˜domestica). Plant Physiology and Biochemistry, 2019, 139, 600-612.	5.8	36
52	Light Absorption and Partitioning in Relation to Nitrogen Content in `Fuji' Apple Leaves. Journal of the American Society for Horticultural Science, 2000, 125, 581-587.	1.0	34
53	Growth and Fruiting of Young `Concord' Grapevines in Relation to Reserve Nitrogen and Carbohydrates. Journal of the American Society for Horticultural Science, 2004, 129, 660-666.	1.0	34
54	BTB-TAZ Domain Protein MdBT2 Modulates Malate Accumulation and Vacuolar Acidification in Response to Nitrate. Plant Physiology, 2020, 183, 750-764.	4.8	33

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55	The sun-exposed peel of apple fruit has a higher photosynthetic capacity than the shaded peel. Functional Plant Biology, 2007, 34, 1038.	2.1	32
56	The elevated anthocyanin level in the shaded peel of â€˜Anjouâ€™ pear enhances its tolerance to high temperature under high light. Plant Science, 2009, 177, 418-426.	3.6	31
57	Foliar Urea Application in the Fall Affects Both Nitrogen and Carbon Storage in Young `Concord' Grapevines Grown under a Wide Range of Nitrogen Supply. Journal of the American Society for Horticultural Science, 2004, 129, 653-659.	1.0	30
58	Suppressing Sorbitol Synthesis Substantially Alters the Global Expression Profile of Stress Response Genes in Apple (Malus domestica) Leaves. Plant and Cell Physiology, 2015, 56, 1748-1761.	3.1	29
59	Diurnal Operation of the Xanthophyll Cycle and the Antioxidant System in Apple Peel. Journal of the American Society for Horticultural Science, 2004, 129, 313-320.	1.0	28
60	Small RNA-Sequencing Links Physiological Changes and RdDM Process to Vegetative-to-Floral Transition in Apple. Frontiers in Plant Science, 2017, 8, 873.	3.6	27
61	A co-expression gene network associated with developmental regulation of apple fruit acidity. Molecular Genetics and Genomics, 2015, 290, 1247-1263.	2.1	25
62	Differential Effects of Nitrogen Supply on Skin Pigmentation and Flesh Starch Breakdown of â€˜Galaâ€™ Apple. Hortscience: A Publication of the American Society for Hortcultural Science, 2011, 46, 1116-1120.	1.0	25
63	The acceptor side of photosystem II is damaged more severely than the donor side of photosystem II in â€˜Honeycrispâ€™ apple leaves with zonal chlorosis. Acta Physiologiae Plantarum, 2010, 32, 253-261.	2.1	23
64	Comparison of phenolic metabolism and primary metabolism between green â€˜Anjouâ€™ pear and its bud mutation, red â€˜Anjouâ€™. Physiologia Plantarum, 2014, 150, 339-354.	5.2	23
65	Relationships between compound lipophilicity on seed coat permeability and embryo uptake by soybean and corn. Seed Science Research, 2018, 28, 229-235.	1.7	23
66	Apple Scion and Rootstock Contribute to Nutrient Uptake and Partitioning under Different Belowground Environments. Agronomy, 2019, 9, 415.	3.0	23
67	Antioxidant metabolism in stem and calyx end tissues in relation to flesh browning development during storage of 1-methylcyclopropene treated â€˜Empireâ€™ apples. Postharvest Biology and Technology, 2019, 149, 66-73.	6.0	23
68	CO2 Assimilation, Photosynthetic Enzymes, and Carbohydrates of `Concord' Grape Leaves in Response to Iron Supply. Journal of the American Society for Horticultural Science, 2004, 129, 738-744.	1.0	23
69	Characterization of Polyphenolic Metabolites in the Seeds of Vitis Germplasm. Journal of Agricultural and Food Chemistry, 2012, 60, 1291-1299.	5.2	22
70	Photosynthetic enzymes and carbohydrate metabolism of apple leaves in response to nitrogen limitation. Journal of Horticultural Science and Biotechnology, 2004, 79, 923-929.	1.9	21
71	CO2 Assimilation, Carbohydrate Metabolism, Xanthophyll Cycle, and the Antioxidant System of `Honeycrisp' Apple Leaves with Zonal Chlorosis. Journal of the American Society for Horticultural Science, 2004, 129, 729-737.	1.0	18
72	A basic/helixâ€“loopâ€“helix transcription factor controls leaf shape by regulating auxin signaling in apple. New Phytologist, 2020, 228, 1897-1913.	7.3	16

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73	A Maltose Transporter from Apple is Expressed in Source and Sink Tissues and Complements the Arabidopsis Maltose Export-Defective Mutant. Plant and Cell Physiology, 2008, 49, 1607-1613.	3.1	15
74	Reduction of the canonical function of a glycolytic enzyme enolase triggers immune responses that further affect metabolism and growth in Arabidopsis. Plant Cell, 2022, 34, 1745-1767.	6.6	15
75	Root damage affects nitrogen uptake and growth of young Fuji/M.26 apple trees. Journal of Horticultural Science and Biotechnology, 2003, 78, 410-415.	1.9	14
76	Timing of urea application affects leaf and root N uptake in young Fuji/M.9 apple trees. Journal of Horticultural Science and Biotechnology, 2005, 80, 116-120.	1.9	13
77	Regulation of apple leaf aldose-6-phosphate reductase activity by inorganic phosphate and divalent cations. Functional Plant Biology, 2003, 30, 1037.	2.1	12
78	Yeast Assimilable Nitrogen Concentrations Influence Yeast Gene Expression and Hydrogen Sulfide Production During Cider Fermentation. Frontiers in Microbiology, 2020, 11, 1264.	3.5	12
79	Fe-EDDHA Alleviates Chlorosis in `Concord' Grapevines Grown at High pH. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 1498-1501.	1.0	12
80	Competitive inhibition of phosphoglucose isomerase of apple leaves by sorbitol 6-phosphate. Journal of Plant Physiology, 2008, 165, 903-910.	3.5	10
81	Method of Nitrogen Application in Summer Affects Plant Growth and Nitrogen Uptake in Autumn in Young Fuji/M.26 Apple Trees. Communications in Soil Science and Plant Analysis, 2005, 36, 1465-1477.	1.4	8
82	Biochemical Characterization of Cytosolic Fructose-1,6-bisphosphatase from Apple (Malus domestica) Leaves. Plant and Cell Physiology, 2004, 45, 879-886.	3.1	6
83	A Rosaceae Family-Level Approach To Identify Loci Influencing Soluble Solids Content in Blackberry for DNA-Informed Breeding. G3: Genes, Genomes, Genetics, 2020, 10, 3729-3740.	1.8	6
84	Leaf Photosynthesis and Carbon Metabolism Adapt to Crop Load in â€˜Galaâ€™ Apple Trees. Horticulturae, 2021, 7, 47.	2.8	6
85	N uptake, soil retention and loss of soil-applied¹⁵NH₄¹⁵NO₃in young Fuji/M.26 apple trees with different N status. Journal of Horticultural Science and Biotechnology, 2004, 79, 395-399.	1.9	5
86	The transcriptomes of healthy and bitter pit-affected â€˜Honeycrispâ€™ fruit reveal genes associated with disorder development and progression. Tree Genetics and Genomes, 2021, 17, 1.	1.6	5
87	Exposure of the Shaded Side of Apple Fruit to Full Sun Leads to Up-regulation of Both the Xanthophyll Cycle and the Ascorbate-glutathione Cycle. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 887A-887.	1.0	5
88	Foliar Urea Applications Increase Yeast Assimilable Nitrogen Concentration and Alcoholic Fermentation Rate in â€˜Red Spyâ€™ Apples Used for Cider Production. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1356-1364.	1.0	5
89	Photoprotective Mechanisms of `Concord' Grape Leaves in Relation to Iron Supply. Journal of the American Society for Horticultural Science, 2005, 130, 331-340.	1.0	5
90	Multi-omics approaches identify a key gene, PpTST1, for organic acid accumulation in peach. Horticulture Research, 2022, 9, .	6.3	5

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91	Soil Nitrogen Fertilization Increases Yeast Assimilable Nitrogen Concentrations in â€˜Golden Russetâ€™ and â€˜Medaille dâ€™Orâ€™ Apples Used for Cider Production. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1345-1355.	1.0	4
92	Iron Assimilation and Carbon Metabolism in â€˜Concordâ€™ Grapevines Grown at Different pHs. Journal of the American Society for Horticultural Science, 2007, 132, 473-483.	1.0	2
93	Foliar Urea Application in the Fall Affects Both Nitrogen and Carbon Storage in Young `Concord' Grapevines Grown Under a Wide Range of Nitrogen Supply. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 827E-828.	1.0	2
94	CO2 Assimilation, Carbohydrate Metabolism, Xanthophyll Cycle, and the Antioxidant System of `Honeycrisp' Apple Leaves with Zonal Chlorosis. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 886E-887.	1.0	2
95	290 Nutrient Uptake by New Roots of Six Clonal Apple Rootstocks. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 492C-492.	1.0	2
96	Binding of 3-phosphoglycerate leads to both activation and stabilisation of ADP-glucose pyrophosphorylase from apple leaves. Functional Plant Biology, 2005, 32, 839.	2.1	1
97	615 Growth Performance of Transplanted Young Apple Trees in Relation to Reserve Nitrogen and Carbohydrates. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 553D-553.	1.0	1
98	CO2 Assimilation, Photosynthetic Enzymes, and Carbohydrates of Grape Leaves (Vitis labrusca L. cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Hortcultural Science, 2004, 39, 826D-827.	1.0	1
99	288 Effects of Foliar Urea on Reserve Nitrogen and Carbohydrates in Young Apple Trees with Different Nitrogen Background. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 492A-492.	1.0	1
100	159 The Relationship between Actual Photosystem II Efficiency and Quantum Yield for CO2 Assimilation is Not Affected by Nitrogen Content in Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 417C-417.	1.0	0
101	505 Sensitivity of Pear and Apple Plants to Urea Fertilizers. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 481E-481.	1.0	0
102	504 Urea Uptake and Nitrogen Mobilization by Apple Leaves in Relation to Tree Nitrogen Status in the Fall. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 481D-481.	1.0	0
103	363 Near-infrared Reflectance Spectroscopy for the Determination of Total Nitrogen, Amino Acid, and Nonstructural Carbohydrates in Apple and Almond Samples. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 455A-455.	1.0	0
104	167 Nutrient Uptake and Growth Performance of OH87 and OH97 Pear Rootstocks. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 419A-419.	1.0	0
105	Phloem Loading of Sorbitol in Apple (Malus domestica Borkh.): Cloning and Sequence Analysis of Potential H+/Sorbitol Symporters from a Mature Leaf cDNA Library. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 756B-756.	1.0	0
106	Regulatory Properties of Apple Leaf Cytosolic Fructose-1,6-bisphosphatase. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 761C-761.	1.0	0
107	Antisense Inhibition of Sorbitol Synthesis Leads to Changes in the Activity of the Antioxidant System in Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 887E-887.	1.0	0
108	Photoprotective Mechanisms of Grape Leaves (Vitis labrusca L. cv. Concord) in Relation to Iron Supply. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 854A-854.	1.0	0

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109	Nitrogen Storage and Its Interaction with Carbohydrates of Young Almond Trees in Response to Nitrogen Supply. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 796C-796.	1.0	0
110	(334) Fruit Set and Yield in Relation to Reserve Nitrogen and Reserve Carbohydrates in `Gala' Apple Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 1083B-1083.	1.0	0
111	(335) Purification and Characterization of ADP-glucose Pyrophosphorylase from Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 1083C-1083.	1.0	0
112	Mobilization of Iron from Ferric Citrate In Vitro. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 1132B-1132.	1.0	0
113	Xanthophyll Cycle-dependent Thermal Dissipation and the Antioxidant System of `Gala' Apple Peel in Response to Nitrogen Supply. Hortscience: A Publication of the American Society for Hortcultural Science, 2005, 40, 1097D-1098.	1.0	0
114	Mechanism of Up-regulation of Starch Synthesis in Mature Leaves of Transgenic Apple Trees with Decreased Sorbitol Synthesis. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 1009D-1009.	1.0	0
115	(126) Morphology and Physiology of Sugar Transport in Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 1061E-1062.	1.0	0
116	Water Relations, Stomatal Conductance, and Abscisic Acid Content of Young Apple Trees in Response to Antitranspirant Treatment. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 837G-837.	1.0	0
117	Partitioning of a Drought-induced Root Signal within the Fragaria chiloensis Plant. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 836G-837.	1.0	0
118	Effects of Antitranspirant and Leaching on Medium Solution Osmotic Potential, Leaf Gas Exchange, Abscisic Acid Content, and Growth of `Early Girl' Tomato Plants. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 648a-648.	1.0	0
119	The Relationship between Leaf Nitrogen Content and Photosynthesis in Apple Leaves. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 578c-578.	1.0	0
120	Photometric Measurements of Rubisco Activity in Leaves of Deciduous Fruit Crops. Hortscience: A Publication of the American Society for Hortcultural Science, 1997, 32, 531A-531.	1.0	0
121	Effect of Antitranspirant and Fertilization on Stomatal Conductance, Transpiration, Mineral Nutrition, and Growth in `Early Girl' Tomato Plants. Hortscience: A Publication of the American Society for Hortcultural Science, 1997, 32, 518E-518.	1.0	0
122	The Relationship between Rubisco Activity and Photosynthesis in Apple Leaves with Different Nitrogen Content. Hortscience: A Publication of the American Society for Hortcultural Science, 1997, 32, 530E-531.	1.0	0
123	Regrowth Performance of Apple Nursery Plants in Relation to Reserve and Current Uptake of Nitrogen. Hortscience: A Publication of the American Society for Hortcultural Science, 1998, 33, 451c-451.	1.0	0
124	Effects of Nitrogen Cut-off Date in Combination with Urea or Abscisic Acid (ABA) on Terminal Bud Set, Defoliation, Cold Acclimation, and Reserve Nitrogen in `Gala' Apple Nursery Stock. Hortscience: A Publication of the American Society for Hortcultural Science, 1998, 33, 548f-549.	1.0	0
125	Effect of Antitranspirant and Fertilization on Flowering, Fruiting, and Biomass Production in `Early Girl' Tomato Plants. Hortscience: A Publication of the American Society for Hortcultural Science, 1998, 33, 456c-456.	1.0	0
126	244 Effects of Fall Urea and Copper Chelate (CuEDTA) Application on Defoliation, Reserve Nitrogen, and Spring Regrowth of `Fuji' Apple Nursery Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 484C-484.	1.0	0

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127	289 Ammonium Ion Uptake by Feeder and Extension Roots of MM106 Apple Rootstock. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 492B-492.	1.0	0
128	588 Photosystem II Efficiency and CO2 Assimilation in Response to Light and CO2 in Leaves of Deciduous Tree Fruit. Hortscience: A Publication of the American Society for Hortcultural Science, 1999, 34, 548B-548.	1.0	0