

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	Reduction of the canonical function of a glycolytic enzyme enolase triggers immune responses that further affect metabolism and growth in Arabidopsis. <i>Plant Cell</i> , 2022, 34, 1745-1767.	6.6	15
2	Multi-omics approaches identify a key gene, <i>PpTST1</i> , for organic acid accumulation in peach. <i>Horticulture Research</i> , 2022, 9, .	6.3	5
3	Leaf Photosynthesis and Carbon Metabolism Adapt to Crop Load in ‘Gala’ Apple Trees. <i>Horticulturae</i> , 2021, 7, 47.	2.8	6
4	The transcriptomes of healthy and bitter pit-affected ‘Honeycrisp’ fruit reveal genes associated with disorder development and progression. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	1.6	5
5	Heterologous expression of the apple hexose transporter MdHT2.2 altered sugar concentration with increasing cell wall invertase activity in tomato fruit. <i>Plant Biotechnology Journal</i> , 2020, 18, 540-552.	8.3	42
6	Apple ALMT9 Requires a Conserved C-Terminal Domain for Malate Transport Underlying Fruit Acidity. <i>Plant Physiology</i> , 2020, 182, 992-1006.	4.8	41
7	A Sugar Transporter Takes Up both Hexose and Sucrose for Sorbitol-Modulated In Vitro Pollen Tube Growth in Apple. <i>Plant Cell</i> , 2020, 32, 449-469.	6.6	49
8	A Rosaceae Family-Level Approach To Identify Loci Influencing Soluble Solids Content in Blackberry for DNA-Informed Breeding. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3729-3740.	1.8	6
9	A basic/helix-loop-helix transcription factor controls leaf shape by regulating auxin signaling in apple. <i>New Phytologist</i> , 2020, 228, 1897-1913.	7.3	16
10	Phased diploid genome assemblies and pan-genomes provide insights into the genetic history of apple domestication. <i>Nature Genetics</i> , 2020, 52, 1423-1432.	21.4	168
11	Yeast Assimilable Nitrogen Concentrations Influence Yeast Gene Expression and Hydrogen Sulfide Production During Cider Fermentation. <i>Frontiers in Microbiology</i> , 2020, 11, 1264.	3.5	12
12	BTB-TAZ Domain Protein MdBT2 Modulates Malate Accumulation and Vacuolar Acidification in Response to Nitrate. <i>Plant Physiology</i> , 2020, 183, 750-764.	4.8	33
13	Soil Nitrogen Fertilization Increases Yeast Assimilable Nitrogen Concentrations in ‘Golden Russet’ and ‘Medaille d’Or’ Apples Used for Cider Production. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 1345-1355.	1.0	4
14	Foliar Urea Applications Increase Yeast Assimilable Nitrogen Concentration and Alcoholic Fermentation Rate in ‘Red Spy’ Apples Used for Cider Production. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 1356-1364.	1.0	5
15	Apple Scion and Rootstock Contribute to Nutrient Uptake and Partitioning under Different Belowground Environments. <i>Agronomy</i> , 2019, 9, 415.	3.0	23
16	A Neighboring Aromatic-Aromatic Amino Acid Combination Governs Activity Divergence between Tomato Phytoene Synthases. <i>Plant Physiology</i> , 2019, 180, 1988-2003.	4.8	50
17	Genome-wide identification and expression analysis of calmodulin and calmodulin-like genes in apple (<i>Malus domestica</i>). <i>Plant Physiology and Biochemistry</i> , 2019, 139, 600-612.	5.8	36
18	Antioxidant metabolism in stem and calyx end tissues in relation to flesh browning development during storage of 1-methylcyclopropene treated ‘Empire’ apples. <i>Postharvest Biology and Technology</i> , 2019, 149, 66-73.	6.0	23

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19	Decreased sorbitol synthesis leads to abnormal stamen development and reduced pollen tube growth via an MYB transcription factor, MdMYB39L, in apple (<i>Malus domestica</i>). <i>New Phytologist</i> , 2018, 217, 641-656.	7.3	61
20	Sugar metabolism and accumulation in the fruit of transgenic apple trees with decreased sorbitol synthesis. <i>Horticulture Research</i> , 2018, 5, 60.	6.3	112
21	Increased activity of MdFRK2, a high-affinity fructokinase, leads to upregulation of sorbitol metabolism and downregulation of sucrose metabolism in apple leaves. <i>Horticulture Research</i> , 2018, 5, 71.	6.3	47
22	Relationships between compound lipophilicity on seed coat permeability and embryo uptake by soybean and corn. <i>Seed Science Research</i> , 2018, 28, 229-235.	1.7	23
23	Sorbitol Modulates Resistance to <i>Alternaria alternata</i> by Regulating the Expression of an NLR Resistance Gene in Apple. <i>Plant Cell</i> , 2018, 30, 1562-1581.	6.6	97
24	Genome re-sequencing reveals the history of apple and supports a two-stage model for fruit enlargement. <i>Nature Communications</i> , 2017, 8, 249.	12.8	286
25	Efficient isolation of Magnolia protoplasts and the application to subcellular localization of MdeHSF1. <i>Plant Methods</i> , 2017, 13, 44.	4.3	48
26	Small RNA-Sequencing Links Physiological Changes and RdDM Process to Vegetative-to-Floral Transition in Apple. <i>Frontiers in Plant Science</i> , 2017, 8, 873.	3.6	27
27	Genome-wide identification and expression analysis of the bZIP gene family in apple (<i>Malus domestica</i>). <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	1.6	58
28	Proteomic analysis reveals dynamic regulation of fruit development and sugar and acid accumulation in apple. <i>Journal of Experimental Botany</i> , 2016, 67, 5145-5157.	4.8	84
29	MdMYB1 Regulates Anthocyanin and Malate Accumulation by Directly Facilitating Their Transport into Vacuoles in Apples. <i>Plant Physiology</i> , 2016, 170, 1315-1330.	4.8	203
30	Genome-wide identification and characterization of WRKY transcriptional factor family in apple and analysis of their responses to waterlogging and drought stress. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 71-83.	5.8	87
31	A co-expression gene network associated with developmental regulation of apple fruit acidity. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1247-1263.	2.1	25
32	Suppressing Sorbitol Synthesis Substantially Alters the Global Expression Profile of Stress Response Genes in Apple (<i>Malus domestica</i>) Leaves. <i>Plant and Cell Physiology</i> , 2015, 56, 1748-1761.	3.1	29
33	Uncovering co-expression gene network modules regulating fruit acidity in diverse apples. <i>BMC Genomics</i> , 2015, 16, 612.	2.8	68
34	Antioxidant and Antiproliferative Activities of Twenty-Four <i>Vitis vinifera</i> Grapes. <i>PLoS ONE</i> , 2014, 9, e105146.	2.5	66
35	Comparison of phenolic metabolism and primary metabolism between green 'Anjou' pear and its bud mutation, red 'Anjou'. <i>Physiologia Plantarum</i> , 2014, 150, 339-354.	5.2	23
36	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 (<i>Malus A— domestica</i>) cultivars. <i>Horticulture Research</i> , 2014, 1, 14019.	6.3	69

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37	The effects of bagging and debagging on external fruit quality, metabolites, and the expression of anthocyanin biosynthetic genes in 'Jonagold'™ apple (<i>Malus domestica</i> Borkh.). <i>Scientia Horticulturae</i> , 2014, 165, 123-131.	3.6	57
38	Phenylpropanoid metabolites and expression of key genes involved in anthocyanin biosynthesis in the shaded peel of apple fruit in response to sun exposure. <i>Plant Physiology and Biochemistry</i> , 2013, 69, 54-61.	5.8	114
39	Primary and secondary metabolism in the sun-exposed peel and the shaded peel of apple fruit. <i>Physiologia Plantarum</i> , 2013, 148, 9-24.	5.2	78
40	Delay in leaf senescence of <i>Malus hupehensis</i> by long-term melatonin application is associated with its regulation of metabolic status and protein degradation. <i>Journal of Pineal Research</i> , 2013, 55, 424-434.	7.4	160
41	Expression Patterns of Genes Involved in Sugar Metabolism and Accumulation during Apple Fruit Development. <i>PLoS ONE</i> , 2012, 7, e33055.	2.5	231
42	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. <i>Molecular Genetics and Genomics</i> , 2012, 287, 663-678.	2.1	124
43	Characterization of Polyphenolic Metabolites in the Seeds of <i>Vitis</i> Germplasm. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1291-1299.	5.2	22
44	Polyphenolic composition and content in the ripe berries of wild <i>Vitis</i> species. <i>Food Chemistry</i> , 2012, 132, 730-738.	8.2	56
45	Antioxidant metabolism of 1-methylcyclopropene (1-MCP) treated 'Empire'™ apples during controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2012, 65, 79-91.	6.0	39
46	Polyphenolic profiles detected in the ripe berries of <i>Vitis vinifera</i> germplasm. <i>Food Chemistry</i> , 2011, 129, 940-950.	8.2	102
47	Phloem Loading Strategies and Water Relations in Trees and Herbaceous Plants. <i>Plant Physiology</i> , 2011, 157, 1518-1527.	4.8	79
48	Differential Effects of Nitrogen Supply on Skin Pigmentation and Flesh Starch Breakdown of 'Gala'™ Apple. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1116-1120.	1.0	25
49	Metabolism of organic acids, nitrogen and amino acids in chlorotic leaves of 'Honeycrisp'™ apple (<i>Malus domestica</i> Borkh) with excessive accumulation of carbohydrates. <i>Planta</i> , 2010, 232, 511-522.	3.2	60
50	The acceptor side of photosystem II is damaged more severely than the donor side of photosystem II in 'Honeycrisp'™ apple leaves with zonal chlorosis. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 253-261.	2.1	23
51	Overexpression of a <i>Malus</i> vacuolar Na ⁺ /H ⁺ antiporter gene (MdNHX1) in apple rootstock M.26 and its influence on salt tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 102, 337-345.	2.3	71
52	Developmental changes of carbohydrates, organic acids, amino acids, and phenolic compounds in 'Honeycrisp'™ apple flesh. <i>Food Chemistry</i> , 2010, 123, 1013-1018.	8.2	273
53	Phloem Loading Strategies in Three Plant Species That Transport Sugar Alcohols. <i>Plant Physiology</i> , 2009, 149, 1601-1608.	4.8	67
54	Comparison of thermotolerance of sun-exposed peel and shaded peel of 'Fuji'™ apple. <i>Environmental and Experimental Botany</i> , 2009, 66, 110-116.	4.2	47

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55	The elevated anthocyanin level in the shaded peel of "Anjou"™ pear enhances its tolerance to high temperature under high light. <i>Plant Science</i> , 2009, 177, 418-426.	3.6	31
56	Heterogeneous behavior of PSII in soybean (<i>Glycine max</i>) leaves with identical PSII photochemistry efficiency under different high temperature treatments. <i>Journal of Plant Physiology</i> , 2009, 166, 1607-1615.	3.5	93
57	Effects of Nitrogen Supply on Source-sink Balance and Fruit Size of "Gala"™ Apple Trees. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 126-133.	1.0	38
58	Accumulation of Macro- and Micronutrients and Nitrogen Demand-supply Relationship of "Gala"™/"Malling 26"™ Apple Trees Grown in Sand Culture. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 3-13.	1.0	60
59	Effects of high temperature coupled with high light on the balance between photooxidation and photoprotection in the sun-exposed peel of apple. <i>Planta</i> , 2008, 228, 745-756.	3.2	116
60	Red "Anjou"™ pear has a higher photoprotective capacity than green "Anjou"™. <i>Physiologia Plantarum</i> , 2008, 134, 486-498.	5.2	44
61	The shaded side of apple fruit becomes more sensitive to photoinhibition with fruit development. <i>Physiologia Plantarum</i> , 2008, 134, 282-292.	5.2	45
62	Competitive inhibition of phosphoglucose isomerase of apple leaves by sorbitol 6-phosphate. <i>Journal of Plant Physiology</i> , 2008, 165, 903-910.	3.5	10
63	A Maltose Transporter from Apple is Expressed in Source and Sink Tissues and Complements the Arabidopsis Maltose Export-Defective Mutant. <i>Plant and Cell Physiology</i> , 2008, 49, 1607-1613.	3.1	15
64	The sun-exposed peel of apple fruit has a higher photosynthetic capacity than the shaded peel. <i>Functional Plant Biology</i> , 2007, 34, 1038.	2.1	32
65	Iron Assimilation and Carbon Metabolism in "Concord"™ Grapevines Grown at Different pHs. <i>Journal of the American Society for Horticultural Science</i> , 2007, 132, 473-483.	1.0	2
66	Down-regulation of sorbitol dehydrogenase and up-regulation of sucrose synthase in shoot tips of the transgenic apple trees with decreased sorbitol synthesis. <i>Journal of Experimental Botany</i> , 2006, 57, 3647-3657.	4.8	58
67	Fe-EDDHA Alleviates Chlorosis in "Concord" Grapevines Grown at High pH. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1498-1501.	1.0	12
68	Mechanism of Up-regulation of Starch Synthesis in Mature Leaves of Transgenic Apple Trees with Decreased Sorbitol Synthesis. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1009D-1009.	1.0	0
69	(126) Morphology and Physiology of Sugar Transport in Apple Leaves. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 1061E-1062.	1.0	0
70	Timing of urea application affects leaf and root N uptake in young Fuji/M.9 apple trees. <i>Journal of Horticultural Science and Biotechnology</i> , 2005, 80, 116-120.	1.9	13
71	Binding of 3-phosphoglycerate leads to both activation and stabilisation of ADP-glucose pyrophosphorylase from apple leaves. <i>Functional Plant Biology</i> , 2005, 32, 839.	2.1	1
72	Antisense inhibition of sorbitol synthesis leads to up-regulation of starch synthesis without altering CO ₂ assimilation in apple leaves. <i>Planta</i> , 2005, 220, 767-776.	3.2	84

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73	Method of Nitrogen Application in Summer Affects Plant Growth and Nitrogen Uptake in Autumn in Young Fuji/M.26 Apple Trees. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 36, 1465-1477.	1.4	8
74	Photoprotective Mechanisms of `Concord' Grape Leaves in Relation to Iron Supply. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 331-340.	1.0	5
75	(334) Fruit Set and Yield in Relation to Reserve Nitrogen and Reserve Carbohydrates in `Gala' Apple Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1083B-1083.	1.0	0
76	(335) Purification and Characterization of ADP-glucose Pyrophosphorylase from Apple Leaves. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1083C-1083.	1.0	0
77	Mobilization of Iron from Ferric Citrate In Vitro. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1132B-1132.	1.0	0
78	Xanthophyll Cycle-dependent Thermal Dissipation and the Antioxidant System of `Gala' Apple Peel in Response to Nitrogen Supply. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1097D-1098.	1.0	0
79	Biochemical Characterization of Cytosolic Fructose-1,6-bisphosphatase from Apple (<i>Malus domestica</i>) Leaves. <i>Plant and Cell Physiology</i> , 2004, 45, 879-886.	3.1	6
80	Nitrogen storage and its interaction with carbohydrates of young apple trees in response to nitrogen supply. <i>Tree Physiology</i> , 2004, 24, 91-98.	3.1	76
81	Photosynthetic enzymes and carbohydrate metabolism of apple leaves in response to nitrogen limitation. <i>Journal of Horticultural Science and Biotechnology</i> , 2004, 79, 923-929.	1.9	21
82	N uptake, soil retention and loss of soil-applied $15\text{NH}_4^{15}\text{NO}_3$ in young Fuji/M.26 apple trees with different N status. <i>Journal of Horticultural Science and Biotechnology</i> , 2004, 79, 395-399.	1.9	5
83	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. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 887A-887.	1.0	5
84	Diurnal Operation of the Xanthophyll Cycle and the Antioxidant System in Apple Peel. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 313-320.	1.0	28
85	Foliar Urea Application in the Fall Affects Both Nitrogen and Carbon Storage in Young `Concord' Grapevines Grown under a Wide Range of Nitrogen Supply. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 653-659.	1.0	30
86	Growth and Fruiting of Young `Concord' Grapevines in Relation to Reserve Nitrogen and Carbohydrates. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 660-666.	1.0	34
87	CO ₂ Assimilation, Carbohydrate Metabolism, Xanthophyll Cycle, and the Antioxidant System of `Honeycrisp' Apple Leaves with Zonal Chlorosis. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 729-737.	1.0	18
88	CO ₂ Assimilation, Photosynthetic Enzymes, and Carbohydrates of `Concord' Grape Leaves in Response to Iron Supply. <i>Journal of the American Society for Horticultural Science</i> , 2004, 129, 738-744.	1.0	23
89	Phloem Loading of Sorbitol in Apple (<i>Malus domestica</i> Borkh.): Cloning and Sequence Analysis of Potential H ⁺ /Sorbitol Symporters from a Mature Leaf cDNA Library. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 756B-756.	1.0	0
90	Foliar Urea Application in the Fall Affects Both Nitrogen and Carbon Storage in Young `Concord' Grapevines Grown Under a Wide Range of Nitrogen Supply. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 827E-828.	1.0	2

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91	CO ₂ Assimilation, Carbohydrate Metabolism, Xanthophyll Cycle, and the Antioxidant System of 'Honeycrisp' Apple Leaves with Zonal Chlorosis. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 886E-887.	1.0	2
92	Regulatory Properties of Apple Leaf Cytosolic Fructose-1,6-bisphosphatase. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 761C-761.	1.0	0
93	Antisense Inhibition of Sorbitol Synthesis Leads to Changes in the Activity of the Antioxidant System in Apple Leaves. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 887E-887.	1.0	0
94	CO ₂ Assimilation, Photosynthetic Enzymes, and Carbohydrates of Grape Leaves (<i>Vitis labrusca</i> L. cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Horticultural Science, 2004, 39, 826D-827.	1.0	1
95	Photoprotective Mechanisms of Grape Leaves (<i>Vitis labrusca</i> L. cv. Concord) in Relation to Iron Supply. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 854A-854.	1.0	0
96	Nitrogen Storage and Its Interaction with Carbohydrates of Young Almond Trees in Response to Nitrogen Supply. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 796C-796.	1.0	0
97	Purification and characterization of sorbitol-6-phosphate phosphatase from apple leaves. <i>Plant Science</i> , 2003, 165, 227-232.	3.6	47
98	The sun-exposed peel of apple fruit has higher xanthophyll cycle-dependent thermal dissipation and antioxidants of the ascorbate-glutathione pathway than the shaded peel. <i>Plant Science</i> , 2003, 165, 819-827.	3.6	146
99	Regulation of apple leaf aldose-6-phosphate reductase activity by inorganic phosphate and divalent cations. <i>Functional Plant Biology</i> , 2003, 30, 1037.	2.1	12
100	Xanthophyll cycle pool size and composition in relation to the nitrogen content of apple leaves. <i>Journal of Experimental Botany</i> , 2003, 54, 385-393.	4.8	40
101	Both xanthophyll cycle-dependent thermal dissipation and the antioxidant system are up-regulated in grape (<i>Vitis labrusca</i> L. cv. Concord) leaves in response to N limitation. <i>Journal of Experimental Botany</i> , 2003, 54, 2165-2175.	4.8	75
102	Root damage affects nitrogen uptake and growth of young Fuji/M.26 apple trees. <i>Journal of Horticultural Science and Biotechnology</i> , 2003, 78, 410-415.	1.9	14
103	Carbon Assimilation and Carbohydrate Metabolism of 'Concord' Grape (<i>Vitis labrusca</i> L.) Leaves in Response to Nitrogen Supply. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 754-760.	1.0	59
104	Growth of young apple trees in relation to reserve nitrogen and carbohydrates. <i>Tree Physiology</i> , 2002, 22, 1297-1303.	3.1	110
105	The relationship between photosystem II efficiency and quantum yield for CO ₂ assimilation is not affected by nitrogen content in apple leaves. <i>Journal of Experimental Botany</i> , 2001, 52, 1865-1872.	4.8	52
106	Rubisco activation state decreases with increasing nitrogen content in apple leaves. <i>Journal of Experimental Botany</i> , 2000, 51, 1687-1694.	4.8	172
107	Light Absorption and Partitioning in Relation to Nitrogen Content in 'Fuji' Apple Leaves. <i>Journal of the American Society for Horticultural Science</i> , 2000, 125, 581-587.	1.0	34
108	159 The Relationship between Actual Photosystem II Efficiency and Quantum Yield for CO ₂ Assimilation is Not Affected by Nitrogen Content in Apple Leaves. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2000, 35, 417C-417.	1.0	0

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109	505 Sensitivity of Pear and Apple Plants to Urea Fertilizers. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 481E-481.	1.0	0
110	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 Horticultural Science, 2000, 35, 481D-481.	1.0	0
111	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 Horticultural Science, 2000, 35, 455A-455.	1.0	0
112	167 Nutrient Uptake and Growth Performance of OH87 and OH97 Pear Rootstocks. Hortscience: A Publication of the American Society for Horticultural Science, 2000, 35, 419A-419.	1.0	0
113	615 Growth Performance of Transplanted Young Apple Trees in Relation to Reserve Nitrogen and Carbohydrates. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 553D-553.	1.0	1
114	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 Horticultural Science, 1999, 34, 484C-484.	1.0	0
115	289 Ammonium Ion Uptake by Feeder and Extension Roots of MM106 Apple Rootstock. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 492B-492.	1.0	0
116	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 Horticultural Science, 1999, 34, 492A-492.	1.0	1
117	588 Photosystem II Efficiency and CO ₂ Assimilation in Response to Light and CO ₂ in Leaves of Deciduous Tree Fruit. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 548B-548.	1.0	0
118	290 Nutrient Uptake by New Roots of Six Clonal Apple Rootstocks. Hortscience: A Publication of the American Society for Horticultural Science, 1999, 34, 492C-492.	1.0	2
119	Regrowth Performance of Apple Nursery Plants in Relation to Reserve and Current Uptake of Nitrogen. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 451c-451.	1.0	0
120	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 Horticultural Science, 1998, 33, 548f-549.	1.0	0
121	Effect of Antitranspirant and Fertilization on Flowering, Fruiting, and Biomass Production in 'Early Girl' Tomato Plants. Hortscience: A Publication of the American Society for Horticultural Science, 1998, 33, 456c-456.	1.0	0
122	Photometric Measurements of Rubisco Activity in Leaves of Deciduous Fruit Crops. Hortscience: A Publication of the American Society for Horticultural Science, 1997, 32, 531A-531.	1.0	0
123	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 Horticultural Science, 1997, 32, 518E-518.	1.0	0
124	The Relationship between Rubisco Activity and Photosynthesis in Apple Leaves with Different Nitrogen Content. Hortscience: A Publication of the American Society for Horticultural Science, 1997, 32, 530E-531.	1.0	0
125	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 Horticultural Science, 1996, 31, 648a-648.	1.0	0
126	The Relationship between Leaf Nitrogen Content and Photosynthesis in Apple Leaves. Hortscience: A Publication of the American Society for Horticultural Science, 1996, 31, 578c-578.	1.0	0

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127	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 Horticultural Science, 1995, 30, 837G-837.	1.0	0
128	Partitioning of a Drought-induced Root Signal within the <i>Fragaria chiloensis</i> Plant. Hortscience: A Publication of the American Society for Horticultural Science, 1995, 30, 836G-837.	1.0	0