

Christopher B Watkins

List of Publications by Year in descending order

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111
papers

5,980
citations

53751

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h-index

79644

73
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112
all docs

112
docs citations

112
times ranked

3779
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Antioxidant and Antiproliferative Activities of Strawberries. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 6887-6892. | 2.4 | 436 |
| 2 | Responses of early, mid and late season apple cultivars to postharvest application of 1-methylcyclopropene (1-MCP) under air and controlled atmosphere storage conditions. <i>Postharvest Biology and Technology</i> , 2000, 19, 17-32. | 2.9 | 395 |
| 3 | Superficial scald, its etiology and control. <i>Postharvest Biology and Technology</i> , 2012, 65, 44-60. | 2.9 | 222 |
| 4 | Overview of 1-Methylcyclopropene Trials and Uses for Edible Horticultural Crops. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 86-94. | 0.5 | 197 |
| 5 | Temperature and relative humidity effects on quality, total ascorbic acid, phenolics and flavonoid concentrations, and antioxidant activity of strawberry. <i>Postharvest Biology and Technology</i> , 2007, 45, 349-357. | 2.9 | 180 |
| 6 | Physical and mechanical changes in strawberry fruit after high carbon dioxide treatments. <i>Postharvest Biology and Technology</i> , 2000, 19, 139-146. | 2.9 | 154 |
| 7 | Harvest maturity, storage temperature and relative humidity affect fruit quality, antioxidant contents and activity, and inhibition of cell proliferation of strawberry fruit. <i>Postharvest Biology and Technology</i> , 2008, 49, 201-209. | 2.9 | 151 |
| 8 | Superficial Scald of 'Granny Smith' Apples is Expressed as a Typical Chilling Injury. <i>Journal of the American Society for Horticultural Science</i> , 1995, 120, 88-94. | 0.5 | 123 |
| 9 | Responses of Horticultural Commodities to High Carbon Dioxide as Related to Modified Atmosphere Packaging. <i>HortTechnology</i> , 2000, 10, 501-506. | 0.5 | 122 |
| 10 | Cell Wall Changes in Nectarines (<i>Prunus persica</i>). <i>Plant Physiology</i> , 1992, 100, 1203-1210. | 2.3 | 121 |
| 11 | Firmness and concentrations of acetaldehyde, ethyl acetate and ethanol in strawberries stored in controlled and modified atmospheres. <i>Postharvest Biology and Technology</i> , 1995, 5, 39-50. | 2.9 | 121 |
| 12 | Metabolic changes in 1-methylcyclopropene (1-MCP)-treated 'Empire' apple fruit during storage. <i>Metabolomics</i> , 2012, 8, 742-753. | 1.4 | 119 |
| 13 | Arabidopsis AtNAP regulates fruit senescence. <i>Journal of Experimental Botany</i> , 2012, 63, 6139-6147. | 2.4 | 109 |
| 14 | A GH3-like gene, CcGH3, isolated from <i>Capsicum chinense</i> L. fruit is regulated by auxin and ethylene*. <i>Plant Molecular Biology</i> , 2005, 58, 447-464. | 2.0 | 105 |
| 15 | Primary Metabolism in Fresh Fruits During Storage. <i>Frontiers in Plant Science</i> , 2020, 11, 80. | 1.7 | 103 |
| 16 | γ -Aminobutyric acid (GABA) metabolism in CO ₂ treated tomatoes. <i>Postharvest Biology and Technology</i> , 2010, 57, 97-105. | 2.9 | 81 |
| 17 | Storage temperature, diphenylamine, and pre-storage delay effects on soft scald, soggy breakdown and bitter pit of 'Honeycrisp' apples. <i>Postharvest Biology and Technology</i> , 2004, 32, 213-221. | 2.9 | 78 |
| 18 | Involvement of ethylene in browning development of controlled atmosphere-stored 'Empire' apple fruit. <i>Postharvest Biology and Technology</i> , 2011, 59, 219-226. | 2.9 | 78 |

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|----|---|-----|-----------|
| 19 | Transcriptomic events associated with internal browning of apple during postharvest storage. <i>BMC Plant Biology</i> , 2014, 14, 328. | 1.6 | 76 |
| 20 | Inhibition of the ethylene response by 1-MCP in tomato suggests that polyamines are not involved in delaying ripening, but may moderate the rate of ripening or over-ripening. <i>Journal of Experimental Botany</i> , 2006, 57, 3313-3325. | 2.4 | 71 |
| 21 | Fruit maturity, carbohydrate and mineral content relationships with watercore in 'Fuji' apples. <i>Postharvest Biology and Technology</i> , 1997, 11, 31-38. | 2.9 | 69 |
| 22 | γ -Aminobutyric acid (GABA) accumulation in four strawberry cultivars in response to elevated CO ₂ storage. <i>Postharvest Biology and Technology</i> , 2010, 57, 92-96. | 2.9 | 69 |
| 23 | Expression of ripening-related genes in cold-stored tomato fruit. <i>Postharvest Biology and Technology</i> , 2011, 61, 1-14. | 2.9 | 68 |
| 24 | Effects of Delays between Harvest and 1-Methylcyclopropene Treatment, and Temperature during Treatment, on Ripening of Air-stored and Controlled-atmosphere-stored Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 2096-2101. | 0.5 | 68 |
| 25 | Pre- and Post-harvest Harpin Treatments of Apples Induce Resistance to Blue Mold. <i>Plant Disease</i> , 2003, 87, 39-44. | 0.7 | 67 |
| 26 | Reducing External Chilling Injury in Stored 'Hass' Avocados with Dry Heat Treatments. <i>Journal of the American Society for Horticultural Science</i> , 1995, 120, 1050-1056. | 0.5 | 67 |
| 27 | Active Oxygen Species Metabolism in 'White Angel' and 'Rome Beauty' Apple Selections Resistant and Susceptible to Superficial Scald. <i>Journal of the American Society for Horticultural Science</i> , 1998, 123, 299-304. | 0.5 | 67 |
| 28 | Cultivar variation in response of strawberry fruit to high carbon dioxide treatments. <i>Journal of the Science of Food and Agriculture</i> , 1999, 79, 886-890. | 1.7 | 66 |
| 29 | Expression of β -farnesene synthase gene AFS1 in relation to levels of β -farnesene and conjugated trienols in peel tissue of scald-susceptible 'Law Rome' and scald-resistant 'Idared' apple fruit. <i>Postharvest Biology and Technology</i> , 2005, 35, 125-132. | 2.9 | 65 |
| 30 | Antioxidant contents and activity of 1-methylcyclopropene (1-MCP)-treated 'Empire' apples in air and controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2009, 52, 30-37. | 2.9 | 64 |
| 31 | Rapid 1-methylcyclopropene (1-MCP) treatment and delayed controlled atmosphere storage of apples. <i>Postharvest Biology and Technology</i> , 2012, 69, 24-31. | 2.9 | 64 |
| 32 | Storage and Handling Effects on a CO ₂ -related Internal Browning Disorder of 'Braeburn' Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1998, 33, 719-722. | 0.5 | 64 |
| 33 | External carbon dioxide injury and 1-methylcyclopropene (1-MCP) in the 'Empire' apple. <i>Postharvest Biology and Technology</i> , 2008, 48, 92-98. | 2.9 | 62 |
| 34 | Antioxidant concentrations during chilling injury development in peaches. <i>Postharvest Biology and Technology</i> , 2010, 57, 27-34. | 2.9 | 62 |
| 35 | Harvest Date and Crop Load Effects on a Carbon Dioxide-related Storage Injury of 'Braeburn' Apple. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1999, 34, 305-309. | 0.5 | 61 |
| 36 | Reduction of chilling injury in the sweet persimmon 'Fuyu' during storage by dry air heat treatments. <i>Postharvest Biology and Technology</i> , 1997, 11, 155-164. | 2.9 | 59 |

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|----|---|-----|-----------|
| 37 | Controlled-Atmosphere Effects on Postharvest Quality and Antioxidant Activity of Cranberry Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5932-5938. | 2.4 | 57 |
| 38 | Chilling-related cell damage of apple (<i>Malus domestica</i> Borkh.) fruit cortical tissue impacts antioxidant, lipid and phenolic metabolism. <i>Physiologia Plantarum</i> , 2015, 153, 204-220. | 2.6 | 56 |
| 39 | Non-destructive prediction of soluble solids and dry matter contents in eight apple cultivars using near-infrared spectroscopy. <i>Postharvest Biology and Technology</i> , 2019, 151, 111-118. | 2.9 | 55 |
| 40 | Peel tissue δ^5 -farnesene and conjugated trienol concentrations during storage of 'White Angel'-'Rome Beauty' hybrid apple selections susceptible and resistant to superficial scald. <i>Postharvest Biology and Technology</i> , 2000, 20, 231-241. | 2.9 | 53 |
| 41 | Understanding development and ripening of fruit crops in an 'omics' era. <i>Horticulture Research</i> , 2014, 1, 14034. | 2.9 | 53 |
| 42 | Quality of 'Buerre Bosc' and 'Doyenne du Comice' pears in relation to harvest date and storage period. <i>Postharvest Biology and Technology</i> , 1997, 10, 29-37. | 2.9 | 52 |
| 43 | Cell wall metabolism in cold-stored tomato fruit. <i>Postharvest Biology and Technology</i> , 2010, 57, 106-113. | 2.9 | 52 |
| 44 | Quality and safety of fresh horticultural commodities: Recent advances and future perspectives. <i>Food Packaging and Shelf Life</i> , 2017, 14, 2-11. | 3.3 | 51 |
| 45 | Meta-analysis of the effects of 1-methylcyclopropene (1-MCP) treatment on climacteric fruit ripening. <i>Horticulture Research</i> , 2020, 7, 208. | 2.9 | 51 |
| 46 | Harvest Date Effects on Maturity, Quality, and Storage Disorders of 'Honeycrisp' Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 164-169. | 0.5 | 50 |
| 47 | Delayed response to cold stress is characterized by successive metabolic shifts culminating in apple fruit peel necrosis. <i>BMC Plant Biology</i> , 2017, 17, 77. | 1.6 | 48 |
| 48 | Firmness and Aroma Composition of Strawberries following Short-term High Carbon Dioxide Treatments. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 303-305. | 0.5 | 48 |
| 49 | 1-Methylcyclopropene Interactions with Diphenylamine on Diphenylamine Degradation, δ^5 -Farnesene and Conjugated Trienol Concentrations, and Polyphenol Oxidase and Peroxidase Activities in Apple Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7565-7570. | 2.4 | 47 |
| 50 | Maturity and Regional Influences on Watercore Development and its Postharvest Disappearance in 'Fuji' Apples. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 166-172. | 0.5 | 41 |
| 51 | Physiological responses of fresh-cut apple slices under high CO ₂ and low O ₂ partial pressures. <i>Postharvest Biology and Technology</i> , 2001, 22, 197-204. | 2.9 | 39 |
| 52 | Antioxidant metabolism of 1-methylcyclopropene (1-MCP) treated 'Empire' apples during controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2012, 65, 79-91. | 2.9 | 39 |
| 53 | Superficial Scald, Carbon Dioxide Injury, and Changes of Fermentation Products and Organic Acids in 'Cortland' and 'Law Rome' Apples after High Carbon Dioxide Stress Treatment. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 235-241. | 0.5 | 39 |
| 54 | Intermittent warming effects on superficial scald development of 'Cortland', 'Delicious' and 'Law Rome' apple fruit. <i>Postharvest Biology and Technology</i> , 1999, 16, 203-212. | 2.9 | 38 |

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|----|---|-----|-----------|
| 55 | Fermentative Metabolism and Organic Acid Concentrations in Fruit of Selected Strawberry Cultivars with Different Tolerances to Carbon Dioxide. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 696-701. | 0.5 | 38 |
| 56 | A Quantitative and Qualitative Analysis of Antioxidant Enzymes in Relation to Susceptibility of Apples to Superficial Scald. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 910-916. | 0.5 | 38 |
| 57 | Repeated treatment of apple fruit with 1-methylcyclopropene (1-MCP) prior to controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2013, 79, 73-79. | 2.9 | 34 |
| 58 | Harvest Management of Marshall McIntosh Apples: Effects of AVG, NAA, Ethephon, and Summer Pruning on Preharvest Drop and Fruit Quality. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2003, 38, 1093-1099. | 0.5 | 33 |
| 59 | Differential fruit gene expression in two strawberry cultivars in response to elevated CO ₂ during storage revealed by a heterologous fruit microarray approach. <i>Postharvest Biology and Technology</i> , 2009, 51, 131-140. | 2.9 | 32 |
| 60 | Nitrogen Fertilization, Midsummer Trunk Girdling, and AVG Treatments Affect Maturity and Quality of 'Jonagold' Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 493-500. | 0.5 | 32 |
| 61 | Peroxidase Activity and Superficial Scald Development in Apple Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 7182-7186. | 2.4 | 30 |
| 62 | Relationships between starch pattern indices and starch concentrations in four apple cultivars. <i>Postharvest Biology and Technology</i> , 2015, 110, 86-95. | 2.9 | 30 |
| 63 | A Summary of Physiological Processes or Disorders in Fruits, Vegetables and Ornamental Products that are Delayed or Decreased, Increased, or Unaffected by Application of 1-Methylcyclopropene (1-MCP). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 816D-816. | 0.5 | 29 |
| 64 | Variations in zonal fruit starch concentrations of apples – a developmental phenomenon or an indication of ripening?. <i>Horticulture Research</i> , 2015, 2, 15047. | 2.9 | 28 |
| 65 | Gene expression and metabolism preceding soft scald, a chilling injury of 'Honeycrisp' apple fruit. <i>BMC Genomics</i> , 2016, 17, 798. | 1.2 | 28 |
| 66 | Characterization of Fruit Quality Attributes and Cell Wall Metabolism in 1-Methylcyclopropene (1-MCP)-Treated 'Summer King' and 'Green Ball' Apples During Cold Storage. <i>Frontiers in Plant Science</i> , 2019, 10, 1513. | 2.9 | 27 |
| 67 | NAC transcription factors SNAC4 and SNAC9 synergistically regulate tomato fruit ripening by affecting expression of genes involved in ethylene and abscisic acid metabolism and signal transduction. <i>Postharvest Biology and Technology</i> , 2021, 178, 111555. | 2.9 | 27 |
| 68 | Effects of repeated 1-methylcyclopropene (1-MCP) treatments on ripening and superficial scald of 'Cortland' and 'Delicious' apples. <i>Postharvest Biology and Technology</i> , 2013, 78, 48-54. | 2.9 | 25 |
| 69 | Selection of low-variance expressed <i>Malus x domestica</i> (apple) genes for use as quantitative PCR reference genes (housekeepers). <i>Tree Genetics and Genomes</i> , 2014, 10, 751-759. | 0.6 | 25 |
| 70 | Internal ethylene concentrations in apple fruit at harvest affect persistence of inhibition of ethylene production after 1-methylcyclopropene treatment. <i>Postharvest Biology and Technology</i> , 2014, 96, 1-6. | 2.9 | 25 |
| 71 | Preharvest calcium chloride sprays affect ripening of Eksotika papaya fruits during cold storage. <i>Scientia Horticulturae</i> , 2014, 171, 6-13. | 1.7 | 25 |
| 72 | 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. | 2.9 | 23 |

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|----|--|-----|-----------|
| 73 | Preharvest aminoethoxyvinylglycine (AVG) and 1-methylcyclopropene (1-MCP) effects on ethylene and starch concentrations of 'Empire'™ and 'McIntosh'™ apples. <i>Scientia Horticulturae</i> , 2019, 244, 134-140. | 1.7 | 23 |
| 74 | Location and Temperature Effects on Soft Scald in 'Honeycrisp' Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2003, 38, 1153-1155. | 0.5 | 23 |
| 75 | Fruit Quality, Fermentation Products, and Activities of Associated Enzymes During Elevated CO ₂ Treatment of Strawberry Fruit at High and Low Temperatures. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 124-130. | 0.5 | 23 |
| 76 | Fermentation and malate metabolism in response to elevated CO ₂ concentrations in two strawberry cultivars. <i>Physiologia Plantarum</i> , 2008, 134, 121-133. | 2.6 | 22 |
| 77 | Flesh browning development of 'Empire'™ apple during a shelf life period after 1-methylcyclopropene (1-MCP) treatment and controlled atmosphere storage. <i>Scientia Horticulturae</i> , 2020, 261, 108938. | 1.7 | 22 |
| 78 | Isolation and characterization of a lipid transfer protein expressed in ripening fruit of <i>Capsicum chinense</i> . <i>Planta</i> , 2006, 223, 672-683. | 1.6 | 20 |
| 79 | Antioxidant enzyme activities in strawberry fruit exposed to high carbon dioxide atmospheres during cold storage. <i>Food Chemistry</i> , 2007, 104, 1425-1429. | 4.2 | 20 |
| 80 | Fruit maturity, controlled atmosphere delays and storage temperature affect fruit quality and incidence of storage disorders of 'Fuji'™ apples. <i>Scientia Horticulturae</i> , 2013, 157, 60-64. | 1.7 | 20 |
| 81 | Prediction of Bitter Pit in 'Honeycrisp'™ Apples and Best Management Implications. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1368-1374. | 0.5 | 20 |
| 82 | Controlled-atmosphere Storage of 'Honeycrisp'™ Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 886-892. | 0.5 | 19 |
| 83 | Effects of Preharvest and Postharvest Applications of 1-Methylcyclopropene on Fruit Quality and Physiological Disorders of 'Fuji'™ Apples during Storage at Warm and Cold Temperatures. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 1375-1383. | 0.5 | 19 |
| 84 | Bitter pit and soft scald development during storage of unconditioned and conditioned 'Honeycrisp'™ apples in relation to mineral contents and harvest indices. <i>Postharvest Biology and Technology</i> , 2020, 160, 111044. | 2.9 | 18 |
| 85 | Physiological disorder development of 'Honeycrisp'™ apples after pre- and post-harvest 1-methylcyclopropene (1-MCP) treatments. <i>Postharvest Biology and Technology</i> , 2021, 182, 111703. | 2.9 | 18 |
| 86 | An economic analysis of harvest timing to manage the physiological storage disorder firm flesh browning in 'Empire'™ apples. <i>Postharvest Biology and Technology</i> , 2015, 107, 1-8. | 2.9 | 17 |
| 87 | The effect of 1-MCP on the development of physiological storage disorders in horticultural crops. <i>Stewart Postharvest Review</i> , 0, 3, 1-6. | 0.7 | 17 |
| 88 | Cultivar and growing region influence efficacy of warming treatments for amelioration of superficial scald development on apples after storage. <i>Postharvest Biology and Technology</i> , 2000, 19, 33-45. | 2.9 | 15 |
| 89 | Advances in the Use of 1-MCP. <i>Contemporary Food Engineering</i> , 2015, , 117-146. | 0.2 | 15 |
| 90 | Comparisons of mineral and non-mineral prediction methods for bitter pit in 'Honeycrisp'™ apples. <i>Scientia Horticulturae</i> , 2019, 254, 116-123. | 1.7 | 15 |

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| 91 | Pre- and post-harvest $\hat{1}^3$ -aminobutyric acid application in relation to fruit quality and physiological disorder development in $\hat{1}^{\text{Honeycrisp}}^{\text{TM}}$ apples. <i>Scientia Horticulturae</i> , 2021, 289, 110431. | 1.7 | 15 |
| 92 | Peroxidase and polyphenoloxidase activities in relation to flesh browning of stem-end and calyx-end tissues of $\hat{1}^{\text{Empire}}^{\text{TM}}$ apples during controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2015, 108, 1-7. | 2.9 | 14 |
| 93 | 1-Methylcyclopropene treatment alters fruit quality attributes and targeted metabolites in $\hat{1}^{\text{Wonhwang}}^{\text{TM}}$ pears during shelf life. <i>Scientia Horticulturae</i> , 2021, 284, 110125. | 1.7 | 13 |
| 94 | Low oxygen affects the quality of Asiatic hybrid lily bulbs during simulated dry-sale storage and subsequent forcing. <i>Postharvest Biology and Technology</i> , 2004, 32, 223-233. | 2.9 | 11 |
| 95 | Preharvest 1-methylcyclopropene treatment enhances $\hat{1}^{\text{stress-associated watercore}}^{\text{TM}}$ dissipation in $\hat{1}^{\text{Jonagold}}^{\text{TM}}$ apples. <i>Postharvest Biology and Technology</i> , 2021, 181, 111689. | 2.9 | 11 |
| 96 | The leaf senescence-promoting transcription factor AtNAP activates its direct target gene $\hat{1}^{\text{CYTOKININ OXIDASE}}^{\text{3}}$ to facilitate senescence processes by degrading cytokinins. <i>Molecular Horticulture</i> , 2021, 1, . | 2.3 | 11 |
| 97 | Acetaldehyde and Ethanol Metabolism during Conditioning and Air Storage of $\hat{1}^{\text{Honeycrisp}}^{\text{TM}}$ Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1347-1351. | 0.5 | 10 |
| 98 | <i>Penicillium expansum</i> Invades Apples Through Stems during Controlled Atmosphere Storage. <i>Plant Health Progress</i> , 2006, 7, 1. | 0.8 | 9 |
| 99 | Influence of wounding and aging on 1-MCP sorption and metabolism in fresh-cut tissue and cell-free homogenates from apple fruit. <i>Postharvest Biology and Technology</i> , 2012, 67, 52-58. | 2.9 | 8 |
| 100 | Light, moisture, and atmosphere interact to affect the quality of dry-sale lily bulbs. <i>Postharvest Biology and Technology</i> , 2004, 34, 93-103. | 2.9 | 7 |
| 101 | Initial Short-term Storage at 33 $\hat{1}^{\circ}$ F Reduces Physiological Disorder Development in $\hat{1}^{\text{Honeycrisp}}^{\text{TM}}$ Apples. <i>HortTechnology</i> , 2018, 28, 481-484. | 0.5 | 7 |
| 102 | Cultivar differences in gaseous 1-methylcyclopropene accumulation in whole and fresh-cut apple fruit. <i>Postharvest Biology and Technology</i> , 2014, 93, 130-134. | 2.9 | 6 |
| 103 | How Postharvest Technologies Affect Quality. , 2005, , 447-491. | | 6 |
| 104 | Revealing the Specific Regulations of Brassinolide on Tomato Fruit Chilling Injury by Integrated Multi-Omics. <i>Frontiers in Nutrition</i> , 2021, 8, 769715. | 1.6 | 6 |
| 105 | 1-Methylcyclopropene differentially regulates metabolic responses in the stem-end and calyx-end flesh tissues of $\hat{1}^{\text{Empire}}^{\text{TM}}$ apple during long-term controlled atmosphere storage. <i>Postharvest Biology and Technology</i> , 2022, 192, 112018. | 2.9 | 6 |
| 106 | 1-Methylcyclopropene treatment and bruising of different apple cultivars during storage. <i>Journal of Horticultural Science and Biotechnology</i> , 2009, 84, 143-148. | 0.9 | 5 |
| 107 | Effects of hypoxic and anoxic controlled atmospheres on carbohydrates, organic acids, and fermentation products in Asiatic hybrid lily bulbs. <i>Postharvest Biology and Technology</i> , 2010, 56, 85-94. | 2.9 | 2 |
| 108 | Using mixed-effects models to estimate the effect of harvest date and its interactions with post-harvest storage regime on apple fruit firmness. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 29-36. | 0.9 | 2 |

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| 109 | Tolerance of dry-sale lily bulbs to elevated carbon dioxide in both ambient and low oxygen atmospheres. <i>Postharvest Biology and Technology</i> , 2006, 41, 198-207. | 2.9 | 1 |
| 110 | STORAGE TEMPERATURE AND RELATIVE HUMIDITY EFFECTS ON QUALITY AND ANTIOXIDANT COMPOSITION OF STRAWBERRY FRUIT. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2006, 41, 493B-493. | 0.5 | 1 |
| 111 | Cultivar effects on CA/MA requirements of fruits and vegetables. , 2020, , 23-43. | | 0 |