

RHS 'Grow For Flavour' **Scientific References (Selected Highlights)**

Just a small selection of the scientific papers I researched in the making of the book.

1. Abou El-Yazeid (2011) "Effect of Foliar Application of Salicylic Acid and Chelated Zinc on Growth and Productivity of sweet pepper (*Capsicum annuum* L.) Under Autumn Planting" Research Journal of Agriculture and Biological Sciences
2. Abrahamson, Cihacek & Lee (1998) "Influence of Nitrogen and Potassium Fertilization on Yield and Quality of Carrot" HortScience
3. Ahmad, Khaliq, Basra, Hasnain & Ali (2012) "Effect of seed priming with ascorbic acid, salicylic acid and hydrogen peroxide on emergence, vigor and antioxidant activities of maize" African Journal of Biotechnology
4. Akdeniz (2010) "Reflection of different applications of potassium and iron fertilization on tomato yield and fruit quality in soilless medium" Journal of food, Agriculture & Environment
5. Aken, Peres, Doty, Yoon & Schnoor (2004) "*Methylobacterium populi* sp. nov., a novel aerobic, pink-pigmented, facultatively methylophilic, methane-utilizing bacterium isolated from poplar trees (*Populus deltoids* × *nigra* DN34)" International Journal of Systematic and Evolutionary Microbiology
6. Alasalvar, Grigor, Zhang, Quantick & Shahidi (2001) "Comparison of Volatiles, Phenolics, Sugars, Antioxidant Vitamins, and Sensory Quality of Different Colored Carrot Varieties" Journal of Agriculture and Food Chemistry
7. Ali (2012) "Pre-harvest factors affecting quality and shelf-life in raspberries and blackberries (*Rubus* spp. L.)" Swedish University of Agricultural Sciences
8. Ali & Ismail (2014) "Tomato Fruit Quality as Influenced by Salinity and Nitric Oxide" Turkish Journal of Botany
11. Ali, Svensson, Alsnus & Olsson (2011) "Late season harvest and storage of *Rubus* berries—Major antioxidant and sugar levels" Scientia Horticulturae
12. Andersson (1999) "Glycoalkaloids in Tomatoes, Eggplants, Pepper and Two *Solanum* Species Growing Wild in the Nordic Countries" Nordic Council of Ministers
13. Andrews, Sablani, Saez, Walters & Davies "Influence of processing on phytonutrient content of organic and conventional raspberries and blueberries" Washington State University
14. Arana (1999) "El Cultivo del Kaki en la Comunidad Valenciana" Generalitat Valenciana, Conselleria de Agricultura, Pesca y Alimentacion
15. Arnal & Rio (2004) "Effect of Cold Storage and Removal Astringency on Quality of Persimmon Fruit (*Diospyros kaki*, L.) cv. Rojo Brillante" Food Science and Technology
16. Arrowsmith, Egan, Meekins, Powers & Metcalfe (2012) "Research Article: Effects of salt stress on capsaicin content, growth, and fluorescence in a Jalapeño cultivar of *Capsicum annuum*

(Solanaceae)" Bios

17. Asami, Hong, Barrett & Mitchell (2003) "Comparison of the Total Phenolic and Ascorbic Acid Content of Freeze-Dried and Air-Dried Marionberry, Strawberry, and Corn Grown Using Conventional, Organic, and Sustainable Agricultural Practices." *Journal of Agricultural and Food Chemistry*.

18. Awad, Wagenmakers & de Jager (2001) "Effects of light on flavonoid and chlorogenic acid levels in the skin of 'Jonagold' apples" *Scientia Horticulturae*

19. Barry, Castle & Davies (2004) "Rootstocks and Plant Water Relations Affect Sugar Accumulation of Citrus Fruit Via Osmotic Adjustment" *Journal of the American Society of Horticultural Science*

20. Behboudian & Lawes (1994) "Fruit quality in 'Nijisseiki' Asian pear under deficit irrigation: Physical attributes, sugar and mineral content, and development of flesh spot decay" *New Zealand Journal of Crop and Horticultural science*.

21. Bellini (2002) "Cultural Practical for Persimmon Production" *First Mediterranean Symposium on Persimmon*

22. Bernard et al. (2009) "Effects of low nitrogen supply on tomato (*Solanum lycopersicum*) fruit yield and quality with special emphasis on sugars, acids, ascorbate, carotenoids, and phenolic compounds." *Journal of Agriculture and Food Chemistry*

23. Bideshski (2010) "Salicylic and Drought Stress on Growth, Bulb Yield and Allicin Content of Garlic (*Allium sativum*) in Field" *Journal of Plant Ecophysiology*

24. Black & Rolston (1972) "Aluminum foil mulch reduces virus infection of peppers." *Louisiana Agriculture*

26. Blanco, Mata, Lasaosa & Val (2008) "The P16 rootstock inhibits the growth but enhances the fruit quality of "Jonagored" apples when grown under warm summer conditions" *Spanish Journal of Agricultural Research*

27. Bordonaba & Terry (2009) "Differential Effect of Water Deficit Irrigation on fruit Quality of Five June-Bearing Strawberry Cultivars." *Acta Horticulturae 838: Workshop on Berry Production in Changing Climate Conditions and Cultivation Systems. COST-Action 863: Euroberry Research: from Genomics to Sustainable Production, Quality and Health*

28. Bowtell, Sumners, Dyer, Fox & Mileva (2011) "Montmorency Cherry Juice Reduces Muscle Damage Caused by Intensive Strength Exercise" *Medical & Science in Sports & Exercise*.

29. Brambilla, Lo Scalzo, Gianni, Bertolo & Torregiani (2008) "Steam-Blanched Highbush Blueberry (*Vaccinium corymbosum* L.) Juice: Phenolic Profile and Antioxidant Capacity in Relation to Cultivar Selection" *Journal of Agriculture and Food Chemistry*

30. Browning & Hodges (1996) "Bitterness in Zucchini Squash and Cucumber" *Department of Horticulture*

31. Browning & Hodges (2010) "Bitterness in Zucchini Squash and Cucumber" *Department of Horticulture, University of Nebraska*

32. Bucheli et al. (1999) "Definition of Nonvolatile Markers for Flavor of Tomato (*Lycopersicon esculentum* Mill.) as Tools in Selection and Breeding" *Journal of Agriculture and Food Chemistry*
33. Burton-freeman, Linares, Hyson & Kappagoda (2010) "Strawberry modulates LDL oxidation and postprandial lipemia in response to high-fat meal in overweight hyperlipidemic men and women." *Journal of the American College of Nutrition*
34. Cantliffe, Castellanos & Paranjpe (2007) "Yield and Quality of Greenhouse-grown Strawberries as Affected by Nitrogen Level in Coco Coir and Pine Bark Media" *Proceedings of the Florida State Horticultural Society*
35. Cantwell & Reid (2001) "Herbs (Fresh Culinary): Recommendations for Maintaining Postharvest Quality" University of California, Davis
36. Chalker Scott (2006) 'The Myth of Milk and Roses' Puyallap Research Center, Washington State University
37. Changshan, Jinling & Guangjian (2005) "Effects of Nitrogen Fertilizer in Capsaicin Content of Pepper Fruits" *Journal of Changjiang Vegetables*
38. Chaovanalikit & Wrolstad (2008) "Total Anthocyanins and Total Phenolics of Fresh and Processed Cherries and Their Antioxidant Properties" *Journal of Food Science*.
39. Chelpinski, Skupien & Ochmian (2010) "Effect of Fertilization on Yield and Quality of Cultivar 'Kent' Strawberry Fruit" *Journal of Elementology*
40. Choi, Park, Cho & Kang (2009) "Tree Responses of 'Fuyu' Persimmon to Urea Nitrogen Applied at Different Times During the Late Season" *Acta Horticulturae 833: IV International Symposium on Persimmon*
41. Close (2009) "Improving Sweet Cherry Yield Security and Fruit Quality" *Tasmanian Institute of Agriculture*.
42. Clothier & Lenz (1996) "Fruit Characteristics of 'Hosui' Asian Pears after Deficit Irrigation" *HortScience*
43. Connor, Luby, Tong, Finn & Hancock (2002) "Genotypic and Environmental Variation on Antioxidant Activity, Total Phenolic Content, and Anthocyanin Content among Blueberry Cultivars." *Journal of the American Horticultural Society*
44. Csizinszky, Schuster & Kring (2005) "Color Mulches Influence Yield and Insect Pest Population in Tomatoes" *Journal of the American Society for Horticultural Science*
45. Dattar, Marzouk & Sabrout (2013) "Enhancement of 'Hollywood' Plum Setting, Retention & Fruit Quality" *Journal of Applied Sciences Research*.
46. Davis (2004) "Study suggests nutrient decline in garden crops over past 50 years" *The University of Texas at Austin*
47. Daza et al. "Fruit quality parameters of 'Pioneer' Japanese plums produced on eight different rootstocks" *Scientia Horticulturae*

48. Decoteau (1989) "Mulch Surface Color Affects Yield of Fresh-market Tomatoes" Journal of the American Society for Horticultural Science
49. DEFRA (1998) "Sulphur Requirements of Oilseed Rape" Department for Environment Food & Rural Affairs
51. Dharmadikiari (1999) "Wines from Cherries and Soft Fruits" Iowa State University
52. Dickert & Tracy () "Irrigation and Sugar in Sweet Corn" University of Wisconsin
53. Dong, Wan & Liang (2010) "Accumulation of salicylic acid-induced phenolic compounds and raised activities of secondary metabolic and antioxidative enzymes in *Salvia miltiorrhiza* cell Culture" Journal of Biotechnology
54. Drewnowski & Gomez-Carneros (2000) "Bitter Taste, Phytonutrients, and the Consumer: a Review" American Society for Clinical Nutrition
55. Drkenda, Spahic & Begic-Akagic (2012) "Testing of 'Gisela 5' and 'Santa Lucia 64' cherry rootstocks in Bosnia and Herzegovina" Acta Agriculturae Slovenica
56. Dussi, Sugar & Wrolstad (1995) "Characterizing and Quantifying Anthocyanins in Red Pears and the Effect of Light Quality on Fruit Color" Journal of the American Society for Horticultural Science.
57. Ehenfeldt & Prior (2001) "Oxygen Radical Absorbance Capacity (ORAC), Phenolic, and Anthocyanin Concentrations in Fruit and Leaf Tissue of Highbush Blueberry" Journal of Agriculture and Food Chemistry
58. El-Razek, Hassan & El-Din (2013) "Effect of Foliar Application with Salicylic Acid, Benzyladenine and Gibberellic Acid on Flowering, Yield and Fruit Quality of Olive Trees (*Olea europaea* L.)" Middle-East Journal of Scientific Research
59. El-Shazly, Eisa, Moatamed & Kotb (2013) "Effect of Some Agro-Chemicals Pre harvest Foliar Application on Yield and Fruit Quality of 'Swelling' Peach Trees" Alexandria Journal of Agricultural Research
60. El-Sheekh & El-Saied (2000) "Effect of Crude Seaweed Extracts on Seed Germination, Seedling Growth and Some Metabolic Processes of *Vicia faba*." Cytobios
61. Elgar, Watchkins, Murray & Gunson (1997) "Quality of 'Buerre Bosc' and 'Doyenne du Comice' pears in relation to harvest date and storage period" Postharvest Biology & Technology
62. Eliot, Heuertz, Weiss (2012) "Whole Beetroot Consumption Acutely Improves Running Performance" Journal of the Academy of Nutrition and Dietetics
63. Eman, Aziz, Hendawi, Din, Azza & Omer (2008) "Effect of Soil Type and Irrigation Intervals on Plant Growth, Essential Oil Yield and Constituents of *Thymus vulgaris* Plant" American-Eurasian Journal of Agriculture & Environmental Science
64. Essa (2006) "Biochemical changes in squash leaves sprayed with some chemicals for inducing resistance to powdery mildew." The 2nd Conf. on Farm Integrated Pest Management

2006, Fayoum, Egypt: 211-222.

65. Fallahi & Simons (2008) "Effects of rootstock and thinning on yield, fruit quality and elemental composition of 'Redspur Delicious' apple" Communication in Soil Science and Plant Analysis

66. Fan et al. (2008) "Evidence of Decreasing Mineral Density in Wheat Grain Over the Last 160" Journal Trace Elements Medicine Biology.

67. FAO (1998) "Effects of Food Processing on Dietary Carbohydrates" Food and Agriculture Organization of the United Nations, Rome

68. Farooq, Aziz, Basra, Cheema & Rehman (2008) "Chilling Tolerance in Hybrid Maize Induced by Seed Priming with Salicylic Acid" Journal of Agronomy and Crop Science

69. Fayoum (2006) "Biochemical changes in squash leaves sprayed with some chemicals for inducing resistance to powdery mildew." The 2nd Conf. on Farm Integrated Pest Management

70. Feller & Fink (2004) "Nitrate Content, Soluble Solids Content, and Yield of Table Beet as Affected by Cultivar, Sowing Date and Nitrogen Supply" HortScience

71. Feller & Fink (2004) "Nitrate Content, Soluble Solids Content, and Yield of Table Beet as Affected by Cultivar, Sowing Date and Nitrogen Supply." HortScience

72. Filimon, Niculaua, Sarbu, Filimon & Arion (2011) "Determination of Chromatic Characteristics of the Hydroalcoholic Extracts Obtained from the Fruits of Some Cherry and Sour Cherry Varieties." Universitatea de Ştiinţe Agricole şi Medicină Veterinară Iaşi

73. Forney (2001) "Horticultural and other Factors Affecting Aroma Volatile Composition of Small Fruit" HortTechnology

74. Forney, Kalt & Jordan (2000) "The Composition of Strawberry Aroma is Influenced by Cultivar Maturity, and Storage" HortScience

75. Forney, Kalt & Jordan (2000) "The composition of strawberry aroma is influenced by cultivar, maturity and storage." HortScience

76. Forney, Kalt & Jordan (2000) "The Composition of Strawberry Aroma is Influenced by Cultivar, Maturity and Storage" HortScience

77. Forney, Kalt & Jordan (2000) "The Composition of Strawberry Aroma is Influenced by Cultivar, Maturity, and Storage" HortScience

78. Freeman & Mossadeghi (2006) :Effect of Sulphate Nutrition on Flavour Components of three Cruciferous Plants: Radish (*Raphanus sativus*), Cabbage (*Brassica oleracea capitata*) and White Mustard (*Sinapis alba*)" Journal of Science of Food and Agriculture.

79. Freeman & Mossadeghi (2006) "Effect of sulphate nutrition on flavour components of onion (*Allium cepa*)" Journal of Science of Food and Agriculture

81. Friedman (2004) "Analysis of biologically active compounds in potatoes (*Solanum tuberosum*), tomatoes (*Lycopersicon esculentum*), and jimson weed (*Datura stramonium*) seeds"

Journal of Chromatography

82. Garner & Bjorkman (1999) "Mechanical Conditioning of Tomato Seedlings Improves Transplant Quality without Deleterious Effects on Field Performance" HortScience
83. Garvin, Welch & Finely (2006) "Historical shifts in the seed mineral micronutrient concentration of US hard red winter wheat germplasm" Journal of the Science of Food and Agriculture
84. Gharib (2006) "Effect of Salicylic Acid on the Groth, Metabolic Activities and Oil Content of Basil and Marjoram" International Journal of Agriculture & Biology
85. Gof & Klee (2006) "Plant Volatile Compounds: Sensory Cues for Health and Nutritional Value?" Science
88. Goldschmidt-Reischel (1988) "Regulating Trees of Apple and Pear by Pruning and Bending" Swedish Journal of Agriculture
89. Goncalves, Landbo, Let, Silva, Rose & Meyer (2004) "Storage affects the phenolic profiles and antioxidant activities of cherries (*Prunus avium* L) on human low-density lipoproteins." Journal of the Science of Food and Agriculture.
90. Grant (2008) "Beetroot Variety Isolation in Relation to Colour Pigmentation"
91. Haynes, Everhart & Jauron "Sweetcorn" Iowa State University Horticulture Guide
92. Heckman (2009) "Soil, Salt and Tomato Taste" New Jersey Agricultural Experiment Station, Rutgers University
93. Heckman (2010) "Salt Fertilizer, Early Ripening and Tomato Taste" vegetable Crops Edition, Rutgers University
94. Hendawi & Khalid (2011) "Effect of Chemical and Organic Fertilizers on Yield and Essential Oil of Chamomile Flower Heads" Medicinal and Aromatic Plant Science and Biotechnology
95. Hernandez-Herrera (2014) "Effect of Liquid Seaweed Extracts on growth of Tomato Seedlings" Journal of Applied Phycology
96. Hewedy (2000) "Yield, Earliness & Quality" Egyptian Journal of Agricultural Research
97. Howatson, Bell, Tallent, Middleton, McHugh & Ellis (2012) "Effect of tart cherry juice (*Prunus cerasus*) on melatonin levels and enhanced sleep quality" European Journal of Nutrition.
98. Hudina & Stampar (2002) "Influence of Leaf Area on the Sugar and Organic Acids Content in Pear (*Pyrus communis*) Fruits Cultivar 'Williams'" Acta Hort VIII International Symposium on Pear
99. Jamali, Eshgli & Tafazoli (2011) "Vegetative and Reproductive Growth of Strawberry Plants cv.'Pajaro' Affected by Salicylic Acid and Nickel." Journal of Agricultural Science and Technology
100. Janda, Szalai, Tari & Paldi (1999) "Hydroponic Treatment with Salicylic Acid Decreases the

Effects of Chilling Injury in Maize Plants”

101. Javaheri et al. (2012) “Effects of salicylic acid on yield and quality characters of tomato fruit (*Lycopersicon esculentum* Mill.)”

102. Javaheri, Mashayekhi, Dadkhah, Tavallaee (2012) “Effects of Salicylic Acid on Yield and Quality Characters of Tomato Fruit” International Journal of Agriculture and Crop Sciences

103. Jin, Wang, Wang & Zheng (2011) “Effect of Cultural System and Storage Temperature on Antioxidant Capacity and Phenolic Compounds in Strawberries.” Food Chemistry

104. Josuttis et al. (2010) “Solar UVB response of bioactives in strawberry (*Fragaria ananassa* Duch. L.): a comparison of protected and open-field cultivation.” Journal of Agriculture and Food Chemistry

105. Josuttis, Dietrich, Treutter, Will, Linnemannsto & Kruger (2010) “Solar UVB response of bioactives in strawberry (*Fragaria ananassa* Duch. L.): a comparison of protected and open-field cultivation.” Journal of Agriculture & Food Chemistry

106. Kader, Morris, Stevens & Albright-Holton (1978) “Composition and Flavour Quality of Fresh Market Tomatoes as Influenced by Some Postharvest Handling Procedures” Journal of the American Horticultural Society.

107. Kader, Stevens, Albright & Morris (1978) “Amino Acid Composition and Flavor of Fresh Market Tomatoes as Influenced by Fruit Ripeness When Harvested” Journal of The American Society for Horticultural Science

108. Kallio, Hakala, Pelkkikangas & Lapvetelainen (2000) “Sugars and Acids of Strawberry Varieties” European Food Research and Technology

109. Kang & Saltveit (2002) “Chilling tolerance of maize, cucumber and rice seedling leaves and roots are differentially affected by salicylic acid” Physiologia Plantarum

110. Karlidag, Yildirim & Turan (2009) “Exogenous Applications of Salicylic Acid Affect Quality and Yield of Strawberry Grown Under Antifrost Heated Greenhouse Conditions” Journal of Plant Nutrition and Soil Science.

111. Kasperbauer (2000) “Strawberry Yield over Red versus Black Plastic Mulch” Crop Science

112. Kasperbauer (2000) “Strawberry Yield over Red versus Black Plastic Mulch” Crop Science Society of America

113. Kasperbauer (2003) “More Than Meets the Eye: New Findings on How Mulch Color Can Affect Food Plants” Agricultural Research

114. Kasperbauer & Hunt (1998) “Far-Red Light Affects Photosynthate Allocation and Yield of Tomato over Red Mulch” Crop Science

115. Kasperbauer, Loughrin & Wang (2001) “Light Reflected of Red Mulch to Ripening Strawberries Affects Aroma, Sugar and Organic Acid Concentrations” Photochemistry and Photobiology

116. Kasperbauer, Loughrin & Wang (2007) "Light Reflected from Red Mulch to Ripening Strawberries Affects Aroma, Sugar and Organic Acid Concentrations" *Photochemistry and Photobiology*
117. Kassahun, da Silva & Mekonnen (2011) "Agronomic Characters, Leaf and Essential Oil Yield of peppermint as Influenced by Harvesting Age and Row Spacing." *Medicinal and Aromatic Plant Science and Biotechnology*
118. Kassim et al. (2009) "Environmental and Seasonal Influences on Red Raspberry Anthocyanin Antioxidant Contents and Identification of QTL" *Molecular Nutrition and Food Research*
119. Kassim et al. (2009) "Environmental and seasonal influences on red raspberry anthocyanin antioxidant contents and identification of QTL." *Molecular Nutrition & Food Research*
120. Kato (1990) "Astringency Removal and Ripening in Persimmons Treated with Ethanol and Ethylene" *HortScience*
121. Kazemi (2013) "Foliar Application of Salicylic Acid and Calcium on Yield, Yield Component and Chemical properties of Strawberry" *Bulletin of Environment, Pharmacology and Life Sciences*
122. Khan & Singh (2010) "Pre-harvest application of putrescine influences Japanese plum fruit ripening and quality." *Food Science Technology International*
123. Khan, Singh, Abbasi & Swinny (2006) "Influence of Pre and Postharvest Application of Putrescine on Ethylene Production, Storage Life and Quality of 'Angelino' Plum" *Acta Horticulturae 768: XXVII International Horticultural Congress - IHC2006: International Symposium on The Role of Postharvest Technology in the Globalisation of Horticulture*
124. Kim, Kim, Kim & Park (2013) "Fruit quality, anthocyanin and total phenolic contents, and antioxidant activities of 45 blueberry cultivars grown in Suwon, Korea" *Journal of Zhejiang University*
125. Kim, Uddin & Park (2013) "Glucosinolate Accumulation in Three (*Raphanus sativus*) Cultivars." *Australian Journal of Crop Science*
126. Kjellenberg (2007) "Sweet and Bitter Taste in Organic Carrot" *Swedish University of Agricultural Sciences*
127. Korkmaz (2005) "Inclusion of Acetyl Salicylic Acid and Methyl Jasmonate into the Priming Solution Improves Low-temperature Germination and Emergence of Sweet Pepper" *HortScience*
128. Korkmaz (2005) "Inclusion of Acetyl Salicylic Acid and Methyl Jasmonate into the Priming Solution Improves Low-temperature Germination and Emergence of Sweet Pepper" *HortScience*
129. Koutsompogeras P, Kyriacou A, Zabetakis I (2007) "The formation of 2,5-dimethyl-4-hydroxy-2Hfuran-3-one by cell-free extracts of *Methylobacterium extorquens* and strawberry (*Fragaria x ananassa* cv. Elsanta)." *Food Chemistry*
130. Krauss, Schitzler, Grassmann & Voitke (2006) "The Influence of Different Electrical Conductivity Values in A Simplified Recirculating Soilless System on Inner and Outer Fruit Quality Characteristics of Tomato" *Journal of Agriculture and Food Chemistry*

131. Krebs (2009) "The Gourmet Ape: Evolution and Human Food Preferences" American Journal of Clinical Nutrition
132. Kruger, Holcroft, Huysamer & Cook (2005) "High-density orchards improve the quality of 'Songold' plums from lower, more shaded canopy positions" South African Journal of Plant and Soil
133. Ku, Jeffrey & Juvik (2010) "Optimization of methyl jasmonate application to broccoli florets to enhance health-promoting phytochemical content." Journal of Science Food and Agriculture.
134. Kuehl, Perrier, Elliot & Chesnutt (2010) "Efficacy of Tart Cherry Juice in Reducing Muscle Pain During Running: A Randomised Controlled Trial" Journal of the International Society of Sports Nutrition.
135. Kumar, Gali & Patil (2007) "Effect of Levels of NPK on Quality of Sweet Corn Grown on Vertisol" Karnataka Journal of Agricultural Science.
136. Kusin, Angert, Von Derau, Horowitz & Giffin (2012) "Toxic Squash Syndrome: A case series of diarrheal illness following ingestion of bitter squash, 1999–2011" Oregon Health & Science University, Oregon Poison Center, Department of Emergency Medicine.
137. Kusin, Angert, Von Derau, Horowitz & Giffin (2012) "Toxic Squash Syndrome: A Case Series of Diarrheal Illness Following Ingestion of Bitter Squash, 1999-2011" Oregon Poison Center, Department of Emergency Medicine
138. Kviklys & Kvikliene (2004) "Pear Rootstock Effect on Growth, Productivity and Fruit Internal Quality" Acta Horticulturae 658: I International Symposium on Rootstocks for Deciduous Fruit Tree Species
139. LaCroux et al. (2008) "Effect of Foliar Nitrogen and Sulphur Application on Aromatic Expression of *Vitis vinifera* cv. Sauvignon Blanc"
140. Latimer & Thomas (1991) "Application of Brushing for Growth Control of Tomato Transplants in a Commercial Setting" American Society for Horticultural Science
141. Lavras (2011) Nitrogenio e Potassio via Fertirrigacao na Producao dp Morangueiro" Universidade Federal de Lavras
142. Lee, An, Nguyen, Patil, Kim & Yoo (2014) "Betain and betaine composition of greenhouse- or field-produced beetroot (*Beta vulgaris* L.) and inhibition of HepG2 cell proliferation." Journal of Agricultural Food Chemistry
143. Lertrat & Pulam (2007) "Breeding for Increased Sweetness in Sweet Corn" International Journal of Plant Breeding
144. Lester (2014) "Potassium (K) Fertilizer Source Effects on Crop Yield and Quality: Adding Value and Increasing End-Product Return on Investment" United States Department of Agriculture
145. Lester, Jifon & Makus (2010) "Impact of Potassium Nutrition on Food Quality of Fruits and Vegetables. A Condensed and Concise Review of the Literature" Better Crops

- 146.Li, Xu & Huang (2008) "Foliar K Improved Sugar and Vit C" China Vegetables
- 147.Litterick, Harrier, Wallace, Watson & Wood. (2004) "The Role of Uncomposted Materials, Composts, Manures, and Compost Extracts in Reducing Pest and Disease Incidence and Severity Unsustainable Temperate Agricultural and Horticultural Crop Production – A Review" Critical Reviews in PlantScience
- 148.Lola-luz et al (2013) "**Enhancement of phenolic and flavonoids compounds in cabbage (*Brassica oleraceae* var *italica*) following application of commercial seaweed extracts of the brown seaweed, *Ascophyllum nodosum***" Agricultural and Food Science
- 149.Lolaei (2013) "Effect of Methyl Jasmonate on the Composition of Yield and Growth of Strawberry ('Selva' and 'Queen Elisa')" International Journal of Agriculture and Crop Sciences
- 150.Lolaeo, Zamani, Ahmadian & Mobasheri (2013) "Effect of Methyl Jasmonate on the Composition of
- 151.Long (2001) "Growing Quality Cherries" Oregon State University
- 152.Loy (2011) "Maximizing Yield and Eating Quality in Winter Squash – A Grower's Paradox" Department of Biological Sciences, University of New Hampshire
- 153.Loy (2011) "Maximizing Yield and Eating Quality in Winter Squash – A Grower's Paradox" Department of Biological Sciences, University of New Hampshire
- 154.Lu, Edwards, Fellman, Mattinson & Navazio (2003) "Biosynthetic Origin of Geosmin in Red Beets (*Beta vulgaris* L.)" Journal of Agriculture & Food Chemistry
- 155.Lu, Fellman, Edwards, Mattinson & Navazio (2003) "Quantitative determination of geosmin in red beets (*Beta vulgaris* L.) using headspace solid-phase microextraction." Journal of Agriculture and Food Chemistry
- 156.Lu, Fellman, Edwards, Mattinson, Navazio (2003) "Quantitative determination of geosmin in red beets (*Beta vulgaris* L.) using headspace solid-phase microextraction." Journal of Agriculture & Food Chemistry
- 157.Ma, Mao, Yu, van Mensvoort & Driessen (2008) "Effects of Saline Water Irrigation on Soil Salinity and Yield of Winter Wheat–Maize in North China Plain" Irrigation and Drainage Systems
- 158.MacNaeidhe (2001) "The Effect of Nutrition on the Flavour of Strawberries Grown under Protection" Agriculture and Food Development Agency, Ireland
- 159.Mahmood, Anwar, Abbas, Boyce & Saari (2012) "Compositional Variation in Sugars and Organic Acids at Different Maturity Stages in Selected Small Fruits from Pakistan" International Journal of Molecular Science
- 160.Mandal, Mallick & Mitra (2009) "Salicylic Acid-Induced Resistance to *Fusarium oxysporum lycopersici* in Tomato" Plant Physiology and Biochemistry
- 161.Mara, Bianco, Mantia & Caruso (2013) "Growth, yield and fruit quality of 'Tropic Snow' peach on size-controlling rootstocks under dry Mediterranean climates" Scientia Horticulturae

162. Marow-Wilkerson (2007) "Nutritional and Health benefits of Fresh Vegetables – Past, Present and Future: A Literature Review" University of Guelph

163. Marowa-Wilkerson, Weaver, Hovious, Zandstra (2007) "Nutritional and Health Benefits of Fresh Vegetables – Past, Present and Future: A Literature Review" University of Guelph

164. Marsal, Lopez, del Campo, Mata, Arbones & Girona (2010) "Postharvest regulated deficit irrigation in 'Summit' sweet cherry: fruit yield and quality in the following season" Irrigation Science

165. Martinetti & Paganini (2006) "Effect of Organic and Mineral Fertilization on Yield and Quality of Zucchini" Acta Horticulturae 700: International Symposium Towards Ecologically Sound Fertilisation Strategies for Field Vegetable Production

166. Martinetti & Paganini (2006) "Effect of organic and mineral fertilization on yield and quality of zucchini" Acta Horticulturae 700: International Symposium Towards Ecologically Sound Fertilisation Strategies for Field Vegetable Production

167. Martinetti, Quattrini, Bononi & Tateo (2004) "Effect of the Mineral Fertilization on the Yield and the Oil Content of Two Cultivars of Rosemary"

168. Maul, Sargent, Sims, Baldwin, Balaban & Huber (2000) "Tomato Flavor and Aroma Quality as Affected by Storage Temperature" Sensory and Nutritive Qualities of Food.

169. McHoul (2011) "Soil sulphur shortage hitting UK grass yields" Farmers Guardian

170. Medina-Lara, et al. (2008) "Influence of Nitrogen and Potassium Fertilization on Fruiting and Capsaicin Content in Habanero Pepper (*Capsicum chinense* Jacq.)" HortScience

171. Meiselman & MacFie (1996) "Food Choice Acceptance and Consumption"

172. Mekonnen & Kassahun (2011) "Effect of Inter Row Spacing and Harvesting Time on Growth and Essential Oil Yield of Spearmint" International Journal of Sustainable Agriculture

173. Metawally, Youssef, El-Miniawy & Ragab (2013) "Effect of foliar spraying of salicylic acid on growth, yield and quality of cold stored strawberry plants" Journal of Biological Chemistry and Environmental Science

174. Miszczak, Forney & Prange (1995) "Development of Aroma Volatiles and Color during

175. Miszczak, Forney & Prange (1995) "Development of Aroma Volatiles and Color During Postharvest Ripening of 'Kent' Strawberries" Journal American Society of Horticultural Science

176. Miszczak, Forney, Prange (1995) "Development of Aroma Volatiles and Color during Postharvest Ripening of 'Kent' Strawberries." Journal of the American Horticultural Society

177. Mitchell & Chassy "Antioxidants and the Nutritional Quality of Organic Agriculture" University of California, Davis.

178. Mizrahi & Pasternak (1985) "Effect of Salinity on Quality of Various Agricultural Crops" Plant and Soil

179. Monney et al (2013) "Influence of regulated deficit irrigation for apple trees cv. 'Gala' on yield, fruit quality and water use" *Revue Suisse de Viticulture, Arboriculture & Horticulture*
180. Montagu & Goh (1990) "Effects of forms and rates of organic and inorganic nitrogen fertilisers on the yield and some quality indices of tomatoes" *New Zealand Journal of Crop and Horticultural Science*
181. Morgan (2003) "Hydroponic Tomatoes – Production Systems and Crop Management" *Growing Edge*
182. Mowat (1995) "The Effect of Root Temperature on Bud Dormant Release of Persimmon (*Diospyros kaki*)" *Acta Hort IV International Symposium on Growing Temperate Zone Fruits in the Tropics and in the Subtropics*
185. Moyer, Hummer, Finn, Frei & Wrolstad (2002) "Anthocyanins, Phenolics, and Antioxidant Capacity in Diverse Small Fruits: *Vaccinium*, *Rubus*, and *Ribes*" *Journal of Agriculture and Food Chemistry*
186. Murphy et al. (2012) "Whole Beetroot Consumption Acutely Improves Running Performance" *Journal of the Academy of Nutrition and Dietetics*
187. Neibauer & Maynard (2002) "Commodities Sweetcorn" *Purdue University*
188. Nguyen & Niemeyer (2008) "Effects of Nitrogen Fertilization on the Phenolic Composition and Antioxidant Properties of Basil" *Department of Chemistry and Biochemistry, SouthWestern University*
189. North & Cook (2006) "Effect of Six Rootstocks on 'Forelle' Pear Tree Growth, Production, Fruit Quality and Leaf Mineral Content." *Acta Horticulturae 772: XXVII International Horticultural Congress - IHC2006: International Symposium on Enhancing Economic and Environmental Sustainability of Fruit Production in a Global Economy*
190. Noseworthy & Loy (2008) "Improving eating quality and carotenoid content of squash" *Department of Plant Biology, University of New Hampshire*
191. Noseworthy & Loy (2008) "Improving Eating Quality and Carotenoid Content of Squash"
192. Okano, Nakano & Watanabe (2001) "Single-Truss Tomato System – A Labour-Saving Management System for Tomato Production" *National Institute of Vegetable and Tea Science, Japan*
193. Okturen & Sonmez (2010) "Reflection of Different Applications of Potassium and Iron Fertilization on Tomato Yield and Fruit Quality in Soilless Medium" *Journal of Food, Agriculture & Environment*
194. Oliveira, Amaro & Ferreira (2010) "Cooked blueberries: anthocyanin and anthocyanidin degradation and their radical-scavenging activity." *Journal of Agriculture and Food Chemistry*
195. Pandjaitan, N., et al. 2005. "Antioxidant Capacity and Phenolic Content of Spinach as Affected by Genetics and Maturation." *Journal of Agricultural and Food Chemistry*

- 196.Papenfuss (2010) "Regulated Deficit Irrigation of 'Montmorency' Tart Cherries" Utah State University
- 197.Parisi et al. (2006) "Effects of Different Levels of Nitrogen Fertilization on Yields and Fruit Quality in Processing Tomato" Acta Horticulturae 700: International Symposium Towards Ecologically Sound Fertilisation Strategies for Field Vegetable Production
- 198.Parker et al. (1999) "Persimmon Growing" Clemson University
- 199.Paterson et al. (2012) "Environmental and seasonal influences on red raspberry flavour volatiles and identification of quantitative trait loci (QTL) and candidate genes" Journal of Theoretical and Applied Genetics
- 200.Paterson, Kassim, McCallum, Woodhead, Smith, Zait, Graham (2012) "Environmental and seasonal influences on red raspberry flavour volatiles and identification of quantitative trait loci (QTL) and candidate genes" Theoretical and Applied Genetics
- 201.Penn State. "Processing With Flavonoids Can Mean Tastier, Heart Healthy Food." ScienceDaily. ScienceDaily, 10 September 2003.
- 202.Percival & Noviss (2013) "Do You Want Sugar with Your Tree?" University of Reading
- 203.Phinchon, et al. (2012) "Impact of Drought Stress on the Accumulation of Capsaicinoids in Capsicum Cultivars with Different Initial Capsaicinoid Levels" HortScience
- 204.Pichersky, Noel & Dudareva (2006) "Biosynthesis of Plant Volatiles: Nature's Diversity and Ingenuity" Science
- 205.Ping (2001) "Freezing Resistances of Three Diospyros Species and Seventeen Kaki Cultivars" Journal of China Agricultural University
- 206.Postharvest Ripening of 'Kent' Strawberries" Journal of the American Horticultural Society
- 207.Poudyal, Panchal & Brown (2010) "Comparison of purple carrot juice and β -carotene in a high-carbohydrate, high-fat diet-fed rat model of the metabolic syndrome." British Journal of Nutrition
- 208.Pradhan, Pitkanen & Heinonen-Tanski (2010) "Fertilizer value of urine in pumpkin (*Cucurbita maxima* L.) cultivation" Agricultural and Food Science
- 210.Radwan, Fayez, Mahmoud, Hamad & Lu (2006) "Salicylic acid alleviates growth inhibition and oxidative stress caused by zucchini yellow mosaic virus infection in *Cucurbita pepo* leaves" Physiological and Molecular Plant Pathology
- 212.Raese (1997) "Cold tolerance, yield, and fruit quality of 'd'Anjou' pears influenced by nitrogen fertilizer rates and time of application" Journal of Plant Nutrition
- 213.Raese & Staiff (1990) "Fruit Calcium, Quality and Disorders of Apples (*Malus domestica*) and pears (*Pyrus communis*) influenced by fertilizers." Plant Nutrition.
- 214.Rahman, Inden & Hossain (2012) "Capsaicin Content in Sweet Pepper Under Temperature

Stress" Acta Horticulturae 936: XXVIII International Horticultural Congress on Science and Horticulture for People (IHC2010): International Symposium on Quality-Chain Management of Fresh Vegetables: From Fork to Farm

215.Ramarjaran, Joseph & Ganthi (2012) "Effect of Seaweed Liquid Fertilizer on the Germination and Pigment Concentration of Soybean" Journal of Crop Science and Technology

216.Ratnasooriya, Rupasinghe & Jamieson (2010) "Juice quality and polyphenol concentration of fresh fruits and pomace of selected Nova Scotia-grown grape cultivars" Canadian Journal of Plant Science

217.Ravichandran et al. (2013) "Impact of processing of red beet on betalain content and antioxidant activity" Food Research International

218.Ravichandran(2013) "Impact of processing of red beet on betalain content and antioxidant activity" Food Research International

219. Rees et al. (2012) "Crop Post-Harvest: Science and Technology, Perishables"

220.Reynolds, Jacobs & Theron (2005) "Effect of Pruning Severity and Branch Quality on Fruit Set and Fruit Dry Weight 'Packham's Triumph' Pears" IX International Pear Symposium

221.Rhoades, Kandiah & Mashali (1992)"Examples of Use of Saline Waters for Irrigation" Food and Agriculture Organization of the United Nations, Rome

222.Roussos et al. (2011) "Apricot (*Prunus armeniaca* L.) fruit quality attributes and phytochemicals under different crop load" Scientia Horticulturae

223.Rowshan, Khosh Khoi, Javidnia (2010) " Effects of Salicylic Acid on Quality and Quantity of Essential Oil Components in Salvia" Journal of Biology & Environmental Science

224.Ruan, Lee, Hong & Yeung (2013) "Sugar and organic acid contents of day-neutral and ever-bearing strawberry cultivars in high-elevation for summer and autumn fruit production in Korea" Horticulture, Environment & Biotechnology

225.Ruiz-Garcia (2012) "Improving Grape Phenolic Content and Wine Chromatic Characteristics through the Use of Two Different Elicitors: Methyl Jasmonate versus Benzothiadiazole" Journal of Agriculture and Food Chemistry

226.Sablani, Andrews, Davies, Walters, Saez & Syamaladevi (2010) "Effect of thermal treatments on phytochemicals in conventionally and organically grown berries." Journal of Agriculture and Food Chemistry

227.Saglio (1985) "Effect of path or sink anoxia on sugar translocation in roots of maize seedlings" Plant Physiology

228.Samaila, Amans, Abubakar & Babaji (2011) "Nutritional Quality of Tomato (*Lycopersicon esculentum* Mill) as Influenced by Mulching, Nitrogen and Irrigation Interval" Journal of Agricultural Science

229.Sanders (2001) "Beet Production" North Carolina State University

230. Scheuerell & Mahaffee (2002) "Compost Tea: Principles and Prospects for Plant Disease Control." *Compost Science and Utilization*
231. Seljasen, Hoftun, Selliseth & Bengtsson (2004) "Effects of washing and packing on sensory and chemical parameters in carrots (*Daucus carota* L)" *Journal of Agriculture and Food Chemistry*
232. Seljasen, Hoftun, Vogt & Bengtsson (2001) "Sensory and chemical changes in five varieties of carrot (*Daucus carota* L) in response to mechanical stress at harvest and post-harvest" *Journal of Agriculture and Food Chemistry*
233. Shaaban, Ahmed, El-Aal & Ahmed (2011) "Insight in the Effect of Salicylic Acid on Apple Trees Growing Under Sandy Saline Soil" *Research Journal of Agriculture and Biological Sciences*
234. Shafiee, Taghavi & Bablaar (2010) "Addition of salicylic acid to nutrient solution combined with postharvest treatments (hot water, salicylic acid, and calcium dipping) improved postharvest fruit quality of strawberry" *Scientia Horticulturae*
235. Shafiq, Singh & Khan (2013) "Time of methyl jasmonate application influences the development of 'Cripps Pink' apple fruit colour." *Journal of Science Food and Agriculture*.
236. Sharma & Rao (1998) "Strategy for long term use of saline drainage water for irrigation in semi-arid regions" *Soil and Tillage Research*
237. Siervo, Lara, Ogbonmwan & Mathers (2013) "Inorganic nitrate and beetroot juice supplementation reduces blood pressure in adults: a systematic review and meta-analysis. Inorganic nitrate and beetroot juice supplementation reduces blood pressure in adults: a systematic review and meta-analysis." *Journal of Nutrition*
238. Siervo, Lara, Ogbonmwan & Mathers (2013) "Inorganic nitrate and beetroot juice supplementation reduces blood pressure in adults: a systematic review and meta-analysis." *Journal of Nutrition*
239. Sitarek & Grzyb (2010) Growth, Productivity and Fruit Quality of 'Kordia' Sweet Cherry Trees on Eight Clonal Rootstocks" *Journal of Fruit and Ornamental Plant Research*.
240. Spletzer & Enyedi (1999) "Salicylic Acid Induces Resistance to *Alternaria solani* in Hydroponically Grown Tomato" *Phytopathology*
242. Stagnari, Galieni, Specca & Pisante (2014) "Water Stress Effect on Growth, Yield and Quality Traits of Red Beet" *Scientia Horticulturae*
243. Stebbins, Olsen & Bluhm (1998) "picking and Storing Apples and Pears" *Oregon State University*
245. Stoner GD et al. (2008) "Carcinogen-Altered Genes in Rat Esophagus Positively Modulated to Normal Levels of Expression by Both Black Raspberries and Phenylethyl Isothiocyanate" *Cancer Research*
246. Stuckey (2004) "Taste: Surprising Stories and Science About Why Food Tastes Good"
247. Subbiah, Helkiah & Rajagopal (1980) "Effect of nitrogen, phosphorus and potassium on

capsaicin content of MDU-1 chilli” South Indian Horticulture

248.Sun-Ju, Romij & Sang Un (2013) “Glucosinolate accumulation in three important radish (*Raphanus sativus*) cultivars” Australian Journal of Crop Science

249.Surles, Weng, Simon, Tanumihardjo (2004) “Carotenoid Profiles and Consumer Sensory Evaluation of Specialty Carrots (*Daucus carota*, L.) of Various Colors” Journal of Agriculture & Food Chemistry

250.Tanksley & Petiard (1999) “Definition of nonvolatile markers for flavor of tomato (*Lycopersicon esculentum* Mill.) as tools in selection and breeding.” Journal Agriculture & Food Chemistry

251.Tomala, Andziak & Kobusinski (1999) “Influence of Rootstocks on Fruit Maturity and Quality of Jonagold Apples // Apple Rootstocks for Intensive Orchards” Proceedings of international seminar

252.Tosun, Aktas, Yavasoglu & Turkusay (2006) “Effects of Salicylic Acid, Harpin and Phosphorus Acid in Control of Late Blight Disease and Some Physiological Parameters of Tomato” Turkish Phytopathological Society

253.Touchell, Eric Bunn & Dixon (2000) “Acetyl salicylic acid (Aspirin) and salicylic acid induce multiple stress tolerance in bean and tomato plants” Plant Growth Regulation

254.Tyler, Acree, Backer, Nelson & Butts (1978) “Effect of maturity, cultivar, field history, and the operations of peeling and coring on the geosmin content of *Beta vulgaris*” Journal of Agriculture and Food Chemistry

256.Uhrig LK et al. “Biomarkers of adherence and efficacy: modulation of biomarkers of DNA damage in a Phase 1b trial of post-surgical oral cancer patients on a long-term food-based prevention study with black raspberries” In: Proceedings of the 104th Annual Meeting of the American Association for Cancer Research

257.Uhrig LK et al. (2013) “Biomarkers of adherence and efficacy: modulation of biomarkers of DNA damage in a Phase 1b trial of post-surgical oral cancer patients on a long-term food-based prevention study with black raspberries” Proceedings of the 104th Annual Meeting of the American Association for Cancer Research

258.Unlu, Bohn, Francis, Clinton & Schwartz (2007) “Carotenoid absorption in humans consuming Tomato Sauces Obtained from Tangerine or High-Beta-Carotene Varieties of Tomatoes.” Journal Agricultural Food Chemistry

259.Usha & Singh (2002) “Effect of Macro and Micro-Nutrient Spray on Fruit Yield and Quality of Grape cv ‘Perlette’” Acta Horticulturae 594: International Symposium on Foliar Nutrition of Perennial Fruit Plants

260.Wang & Zheng (2005) “Preharvest Application of Methyl Jasmonate Increases Fruit Quality and Antioxidant Capacity in Raspberries” International Journal of Food Science & Technology

261.Wang, Bowman & Ding (2008) “Methyl Jasmonate Enhances Antioxidant Activity and Flavonoid Content in Blackberries (*Rubus* sp.) and Promotes Antiproliferation of Human Cancer Cells” Food Chemistry

262. Wang, Chen, Sciarappa, Wang & Camp (2008) "Fruit Quality, Antioxidant Capacity, and Flavonoid Content of Organically and Conventionally Grown Blueberries" *Journal of Agriculture and Food Chemistry*
263. Wang, Hu, Qin, Cui & Wang (2012) "Salicylic Acid Analogues with Biological Activity May Induce Chilling Tolerance of Maize Seeds" *Botany*
264. Wang, Jiang, & Lu (2006) "Effect of Nitrogen and Potassium on Grain Yield and Quality in Sweet Maize" *Journal of Maize Sciences*
265. Wang, Li & Malhi (2007) "Effects of Fertilization and Other Agronomic Measures on Nutritional Quality of Crops" *Journal of Science Food and Agriculture*
266. Wang, Swiader & Juvik (1995) "Nitrogen and Sulfur Fertilization Influences Aromatic Flavor Components in Shrunken² Sweet Corn Kernels" *Journal of the American Horticultural Society*
267. Wang, Zheng and Galetta (2002) "Cultural System Affects Fruit Quality and Antioxidant Capacity in Strawberries" *Journal of Agricultural and Food Chemistry*
268. Watson, Wright, McBurney, Taylor & Linforth (2002) "Influence of Harvest Date and Light Integral on the Development of Strawberry Flavour Compounds" *Journal of Experimental Botany*
269. Wei, Shuai, Guo, Wang & Ai (2006) "Study on Antibacterial Activity of Capsaicin" *Food Science*
270. Welch (2002) "The Impact of Mineral Nutrients in Food Crops on Global Human Health" *Plant and Soil*
271. White & Broadley (2005) "Historic Variation in the Mineral Composition of Edible Horticultural Products" *Journal of Horticultural Science and Biotechnology*
272. Whiting et al. (2013) "Mulches for the Garden" Colorado State University
273. Wright & Harris (1985) "Effect of Nitrogen and Potassium fertilization on Tomato Flavour" *Journal of Agriculture and Food Chemistry*
274. Wuzhong (2002) "Yield and Quality of Fruits of Solanaceous Crops as Affected by Potassium Fertilization" *Better Crops International*
275. Xia & Saglio (1988) "Characterization of Hexose Transport System in Maize Root Tips" *Plant Physiology*
276. Yasuba, Mizuta & Yazawa (1995) "Quality Production of Fruit Vegetables by Controlling Water in a Simplified Rockwool" *Acta Horticulturae 396: Hydroponics and Transplant Production*
277. Yield and Growth of Strawberry (Selva and Queen Elisa)" *International Journal of Agriculture and Crop Sciences*.
278. Yildirim & Dusun (2009) "Effect of Foliar Salicylic Acid Applications on Plant Growth and Yield of Tomato Under Greenhouse Conditions" *Acta Horticulturae : International Symposium on Strategies Towards Sustainability of Protected Cultivation in Mild Winter Climate*

279.You, Wang, Chen, Huang, Wang, Luo (2011) "Comparison of Anthocyanins and Phenolics in Organically and Conventionally Grown Blueberries in Selected Cultivars" Food Chemistry

280.Youssef, Metwally, El-Miniawy & Ragab (2013) "Effect of Foliar Spraying of Salicylic Acid on Growth, Yield and Quality of Cold Stored Strawberry Plants." Journal of Biology, Chemistry & Environmental Science.

281.Zabetakis I (2005) "The Biosynthesis of Furanones in Strawberry: Are the Plant Cells all Alone?" in Spanier AM, Shahidi F, Parliament TH, Mussinan C, Ho CT, Tratras Contis E (eds.) Food Flavor and Chemistry – Explorations into the 21st Century, The Royal Society of Chemistry

282.Zeigler (2007) "Role of Methylsalicylate in Tomato Flavour and Response to Bacterial Pathogen Infection" University of Florida

283. Zhang et al. (2011) "Anti-inflammatory activity of methyl salicylate glycosides isolated from *Gaultheria yunnanensis* (Franch.) Rehd." Molecules

284.Zhang, Neogi, Chen, Chaisson, Hunter & Choi (2012) "Cherry consumption and decreased risk of recurrent gout attacks" Arthritis & Rheumatology

285.Zhang, Xie, Xue, Peng & Wang (2009) "Effect of Volatile Emissions, especially Alpha-Pinene, from Persimmon trees Infested by Japanese Wax Scales or Treated with Methyl Jasmonate on Recruitment of Ladybeetle Predators" Environmental Entomology

286.Zheljazkov et al (2010) "Effect of Plant Hormones and Distillation on Mints" HortScience

287.Zheng (2010) "Study of Anaerobic Fermentation of Comfrey and Gas Potential" Plant Resource Science

288."An Introduction of Cherry Quality and Handling" Washington State University

289."How Scientists are 'Tricking' Plants Colored Mulch Research" (2013) Pennsylvania State University

290."Postharvest Cooling and Handling of Sweet Corn" The North Carolina Agricultural Extension Service