

## **2003**

### **Artículos Publicados**

- González-Aguilar, G.A., C. Y. Wang, and J. G. Buta. 2003. Methyl jasmonate and modified atmosphere packaging (MAP) reduce decay and maintains postharvest quality of papaya ‘Sunrise’. Postharvest Biology and Technology. 28:361-370.
- González-Aguilar, G.A., Fortiz, J., Cruz, R., Peregrino, B., Ruíz-Cruz, S. y Ayala-Zavala, F. 2005. Respuestas Fisiológicas de pimientos con diferente estado de madurez al tratamiento con Metil Jasmonato. Revista Simiente (Chile) (73 (1-2):43-52.

## **2002**

### **Capítulos de Libros**

- González-Aguilar, G.A. 2002. Peppers. In:The Commercial Storage of Fruits, Vegetables, and Florist and Nursery Crops. Gross, Kenneth C., Chien Yi Wang, and Mikal Saltveit (eds). Agriculture Handbook 66 on the website of the USDA, Agricultural Research Service, Beltsville Area<<http://www.ba.ars.usda.gov/hb66/index.html>> (November 8, 2002).

### **Artículos de Difusión y Divulgación**

- González-Aguilar, G.A., Fortiz, J., Cruz, R., Membrives, M., Zavaleta, R., Ruíz, S., Wang, C.Y., Buta, J.G. 2002. Calidad de Rodajas de Piña Fresca en Atmósferas Modificadas: Efecto de Antioxidantes. Enfasis Packaging Marzo-Abril 2002. Año 8(1):10-12.

## **2001**

### **Artículos Publicados**

- González-Aguilar, G.A., Wang, C.Y. and Buta, J.G. 2001. Inhibition of browning and decay of fresh-cut radishes by natural compounds and their derivatives. Food Science and Technology (lebnsm-wiss u-technol.) 34(5):324-328.
- González-Aguilar, G.A., Fortiz, J., Cruz, R., Zavaleta, R., Ruíz, S., Wang, C.Y., Buta, J.G. y Spaulding, D. 2001. Metil Jasmonato + envasado: Un dúo conservador. Énfasis Packaging. Mayo-Junio Año VII, No 3:18-24.
- González-Aguilar, G.A., Wang, C.Y., and Buta, J.G.. 2001. Use of UV-C irradiation to prevent decay and maintain postharvest quality of ripe “Tommy

Atkins" mangos. International Journal of Food Science and Technology. 36(7):775-782.

- González-Aguilar, G.A., Wang, C.Y., and Buta, J.G. 2001. Methyl jasmonate reduces chilling injury symptoms and enhances colour development of "Kent" mango. J. of the Sci. and Food Agric. 81:1244-1249.
- Yahia, E.M., Contreras-Padilla, M. and González-Aguilar, G. 2001. Acorbic acid content in relation to ascorbic acid oxidase and polyamine content in tomato and bell peppers during development, maturation and senescence. Food Science and Technology (lebnsm-wiss u-technol.) 34(7):1096-1127.
- Mendoza-Wilson, A.M., Bringas-Taddei, E., González-Aguilar, G., Ojeda-Contreras, J., Saucedo-Veloz, C. Y Báez-Sañudo R. 2001. Aplicación de mezclas cerosas en Melón cantaloupe y sus efectos en la fisiología del fruto. Rev. Iber. Tecnología Postcosecha. Vol 4(1):83-89.

### **Artículos de Difusión y Divulgación**

- González-Aguilar, G.A., Fortiz-Hernández, J., Cruz-Valenzuela, M.R., Zavaleta-Gatica, R., Ruíz-Cruz, S., Wang, C.Y., Buta, J.G. y Spaulding, D. 2001. Metil jasmonato + envasado : un dúo conservador. Énfasis Packaging. 3:18-24.

## **2000**

### **Artículos Publicados**

- González-Aguilar, G.A., Wang, C.Y. and Buta, J.G.. 2000. Maintaining Quality of Fresh-Cut Mangoes Using Antibrowning Agents and Modified Atmosphere Packaging. J. Agric. and Food Chem. 48(9):4204-4208.
- González-Aguilar, G.A., Fortiz, J., Cruz, R., Báez, R. and Wang, C.Y. 2000. Methyl jasmonate reduces chilling injury and improves postharvest quality of mango fruit. J. Agric. and Food. Chem. 48(2):515-519
- González-Aguilar, G.A., Gayosso, L., Cruz, R., Fortiz, J., Báez,, R. and C.Y. Wang. 2000. Polyamines induced by hot water treatment reduce chilling injury and decay of pepper fruit. Postharv. Biol. and Tech. Vol. 18(1):19-26.
- González-Aguilar, G.A., Pérez-Amador, M.A., Carbonell, J. Zacarías, L. and M.T. Lafuente. 2000. Effect of maturity stage, conditioning and storage temperature on chilling and polyamine content in "Fortune" mandarin fruit. Physiologia Plantarum 108(2):140-146.

## **1999-1997**

### **Artículos publicados**

- González-Aguilar, G.A., Cruz, R., Baez, R. and Wang, C.Y. 1999. Storage quality of bell peppers pretreated with hot water and polyethylene packaging. *J. Food Quality.* 22(2):287-299
- González-Aguilar, G.A., Zacarías, L. and Lafuente, M.T.. 1998. Ripening affects high temperature-induced polyamines and their evolution during cold storage of 'Fortune' mandarins. *J. Agric. Food Chem.* Vol.46(9): 3503-3508.
- 3.- Yahia, E. and González-Aguilar, G.A. 1998. Use of passive and semi-active atmospheres to prolong the postharvest life of avocado fruit. *Food Science and Technology (lebnsm-wiss u-technol.).* 31(7&8):602-606.
- González-Aguilar, G.A., Felix, L., Martinez-Tellez, M.A., Gardea, A. and Báez, R. 1997. Low O<sub>2</sub> treatment before storage improves shelflife of mango fruit. *J. Food Science and Technology.* Vol. 34(5):399-404.
- González-Aguilar, G.A., Mulas, M., Zacarías, L. and Lafuente, M.T. 1997. Temperature and duration of water dips influence chilling injury, decay and polyamine content in 'Fortune' mandarins. *Postharv. Biol. and Tech.* Vol. 12:61-69.
- Mulas, M., González-Aguilar, G.A., Lafuente, M.T., Zacarías, L. and Deidda, P. 1997. Polyamine content during temperature stress and shading in flavedo of citrus fruit. *Italus Hortus.* Vol. 4(3):19-22.

## **Capítulos de Libros**

- Báez-Sañudo, R., Bringas-Taddei, E. González-Aguilar G.A., y Ojeda-Contreras, J. 1998. Manejo postcosecha del mango. *Tecnología Postcosecha de Frutas y Verduras (CYTED-RITEP).* ISBN: 970-18-1009-0. Hermosillo, Sonora.
- Báez-Sañudo, R., González-Aguilar, G.A. y Bringas-Taddei, E. 1997. Empacado y Embalaje de Mango. *Manejo Postcosecha de Mango.*, Báez-Sañudo (ed.) Capítulo 10, pp 41-46.
- Báez-Sañudo, R. y González-Aguilar, G.A. 1997. Transporte del fruto de Mango. *Manejo Postcosecha de Mango*, Báez-Sañudo (ed). Capítulo 13, pp.60-67.

## **1995-1990**

### **Artículos Publicados**

- Martínez-Tellez, M.A., Duarte, M.A., Gardea-Béjar, A.A., González-Aguilar, G.A., Tapia, F., and Vargas-Arispuro, I. 1995. Effects of Etephon and Naphtalenacetic acid on the induction of early harvest and quality of pecan nuts (*Carya Illinoensis*, K.) Cv. Western Schley. *Spanish Journal of Food Science and Technology* 35(1):65-76.
- González-Aguilar, G.A. and Tiznado-Hernández, M.E.. 1993. Postharvest physiology of bell pepper stored in low density polyethylene bags. *Food Science and Technology (lebnsm-wiss u-technol.).* Vol 6(5):450-455.