

Selected Publications

Rushton, P.J., Somssich, I.E., Ringler, P. and **Shen, Q.J.**: WRKY transcription factors (Feature Review). [Trends in Plant Science](#), 2010, 15: 247-258.

Jiang, Y., Cukic, B., Adjeroh, D.A., Skinner, H.D., Lin, J., **Shen, Q.J.**, and Bing-Hua Jiang: An Algorithm for Identifying Novel Targets of Transcription Factor Families: Application to Hypoxia-inducible Factor 1 Targets. [Cancer Informatics](#), 2009, 7: 75-89. [Full Text](#)

Zhang, Z.L., Shin, M., Zou, X.L., Huang, J.Z., Ho, T.H.D. and **Shen, Q.J.**: A negative regulator encoded by a rice WRKY gene represses both abscisic acid and gibberellin signaling in aleurone cells. [Plant Mol. Biol.](#), 2009, 70: 139-151.

Zou, X., Neuman, D. and **Shen, Q.J.**: Interactions of two transcriptional repressors and two transcriptional activators in modulating gibberellin signaling in aleurone cells. [Plant Physiol.](#), 2008, 148: 176-186.

Johnson, R.R., Shin, M., **Shen, Q.J.**: The wheat PKABA1-interacting factor TaABF1 mediates both abscisic acid-suppressed and abscisic acid-induced gene expression in bombarded aleurone cells. [Plant Mol. Biol.](#) 2008, 68: 93-103.

Xie, Z., Zhang, Z.L., Hanzlik, S., Cook, E. and **Shen, Q.J.**: Salicylic acid inhibits gibberellin-induced alpha-amylase expression and seed germination via a pathway involving an abscisic-acid-inducible *WRKY* gene. [Plant Mol. Biol.](#), 2007, 64: 293-303.

Ross, C.A, Liu, Y. and **Shen, Q.J.**: Invited Review, The WRKY Gene Family in Rice (*Oryza sativa*), In the [Special Issue](#) on Rice Breeding and Functional Genomics, [J. Integr. Plant Boil.](#), 2007, 49: 827-842. Most cited papers award.

Zou, X., **Shen, Q.J.** and Neuman, D.: An ABA inducible WRKY gene integrates responses of creosote bush (*Larrea tridentata*) to elevated CO₂ and abiotic stresses. [Plant Science](#) 2007, 172: 997-1004. [PDF File](#)

Xie, Z., Zhang, Z.L., Zou, X.L., Yang, G.X., [Komatsu, Setsuko](#) and **Shen, Q.J.**: Interactions of two abscisic-acid induced WRKY genes in repressing gibberellin signaling in aleurone cells. [Plant J.](#), 2006, 46: 231-242.

Ross C.A. and **Shen, Q.J.**: Computational prediction and experimental verification of HVA1-like abscisic acid responsive promoters in rice (*Oryza sativa*)., [Plant Mol. Biol.](#), 2006, 62:233-246.

Shen, Q.J. and Wang J.: Engineering for drought tolerance in horticultural and ornamental plants: lessons from the studies with model plants. In [Journal of Crop Improvement](#), Edited by Yi Li and Yan Pei, Haworth Press, Inc, Binghamton, NY. 2006, 17(1): 121-153. This volume is simultaneously published as a book entitled [Plant Biotechnology in Ornamental Horticulture](#).

Xie, Z., Zhang, Z.L., Zou, X.L., Huang, J., Ruas, P., [Thompson, D.](#), and **Shen, Q.J.**: Annotations and functional analyses of the rice WRKY gene superfamily reveal positive and negative regulators of abscisic acid signaling in aleurone cells. [Plant Physiol.](#), 2005. 137: 176-189.

Xie, Z., Ruas, P. and **Shen, Q.J.**: Regulatory networks of phytohormone abscisic acid. In [Vitamins and Hormones](#), Edited by Gerald Litwack, [Academic Press/Elsevier Science](#). 2005. 72: 235-269.