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Affiliation:

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Academic History:

Ph.D., Biochemistry, University of Illinois, Urbana; IL, United States, 1991

Professional/Scientific Career:

Current Positions:

Now, Dean, Department of Life Science, National Taiwan University, Taipei, Taiwan, ROC

2003- Now, Professor, Institute of Plant Biology, National Taiwan University, Taipei, Taiwan, ROC

Experiences:

2010- 2016, Director, Institute of Plant Biology, National Taiwan University, Taipei, Taiwan, ROC

1992- 2003, Associate Professor, Department of Botany, National Taiwan University, Taipei, Taiwan, ROC

Awards/Professional Societies:

Research Area/ Interests:

1. Molecular Biology
2. Plant Physiology
3. Biochemistry

Publications * corresponding author

Selected publications (Original article, ; Review,)

1. Modification of flower color by suppressing β -ring carotene hydroxylase genes in *Oncidium* Plant Biology 2016 -3 | journal-article vol.18,no.2,page.220-229 Wang, H.-M., To, K.-Y., Lai, H.-M., Jeng, S.-T. NTU: SHIH-TONG JENG
2. Signal transduction and regulation of IbpreproHypSys in sweet potato Plant Cell and Environment 2016 -7 | journal-article vol.39,no.7,page.1576-1587 Li, Y.-C., Wan, W.-L., Lin, J.-S., Kuo, Y.-W., King, Y.-C., Chen, Y.-C., Jeng, S.-T. NTU: SHIH-TONG JENG

3. The Effect of Red Light and Far-Red Light Conditions on Secondary Metabolism in Agarwood *BMC Plant Biology* 2015 -6 | journal-articlevol.15,no.1,page.139 Kuo, T. C.-Y., Chen, C.-H., Chen, S.-H., Lu, I.-H., Huang, L.-C., Lin, C.-Y., Chen, C.-Y., Lo, H.-F., Jeng, S.-T., Chen, L.-F. O.NTU: SHIH-TONG JENG, CHIEN-YU CHEN, HSIAO-FENG LO
4. Carbon monoxide regulates the expression of a wound-inducible gene Ipomoelin through antioxidation and IbMAPK phosphorylation in sweet potato *Journal of Experimental Botany* 2014 -10 | journal-articlevol.65,no.18,page.5279-5290 Lin, J.-S., Lin, H.-H., Li, Y.-C., King, Y.-C., Sung, R.-J., Kuo, Y.-W., Lin, C.-C., Shen, Y.-H., Jeng, S.-T. NTU: SHIH-TONG JENG
5. Expression of a gene encoding β -ureidopropionase is critical for pollen germination in tomatoes *Physiologia Plantarum* 2014 -3 | journal-articlevol.150,no.3,page.425-435 Shen, Y.-H., Chen, Y.-H., Liu, H.-Y., Chiang, F.-Y., Wang, Y.-C., Hou, L.-Y., Lin, J.-S., Lin, C.-C., Lin, H.-H., Lai, H.-H., Jeng, S.-T. NTU: SHIH-TONG JENG, HSI-MEI LAI