Professor HU Xueyun

College	College of Bioscience & Biotechnology
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	Hokkaido University（Japan） Doctor
Research Interests	Molecular mechanism of chloroplast development and photosynthesis
Selected Publications	Hu X. *, Jia T., Hörtensteiner S, Tanaka A and Tanaka R. 2019. Subcellular localization of chlorophyllase2 reveals it is not involved in chlorophyll degradation during senescence in Arabidopsis thaliana. Plant Science, Online https://doi.org/10.1016/j.plantsci.2019.110314 . Hu X.*, Kato Y., Tanaka A. and Tanaka R. 2017. The SUFBC2D complex is required for the biogenesis of all major classes of plastid Fe-S proteins. Plant Journal, 90(2): 235-248. Hu X.*, Page M.T., Sumida A., Tanaka A., Terry M.J. and Tanaka R. 2017. The iron-sulfur cluster biosynthesis protein SUFB is required for chlorophyll synthesis, but not phytochrome signaling. Plant Journal, 89(6): 1184-1194. Hu X.*, Makita S., Schelbert S., Sano S., Ochiai M., Tsuchiya T., Hasegawa S.F., Hörtensteiner S., Tanaka A. and Tanaka R. 2015. Re-examination of chlorophyllase function implies its involvement in defense against chewing herbivores. Plant Physiology, 167(3): 660-670. Hu X.*, Tanaka A. and Tanaka R. 2013. Simple extraction methods that prevent the artifactual conversion of chlorophyll to chlorophyllide during pigment isolation from leaf samples. Plant Methods, 2013, 9(1):19 (Highly accessed).

Email	xyhulab@yzu.edu.cn