

CURRICULUM VITAE

Personal Information			
Name	Chaoyun Hao	Gender	Male
Position Title	The researcher/ The deputy director		
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Research Interest			
Research on Germplasm Resources and Genetic Breeding of Tropical Spice and Beverage Crops			
Education & Working Experience			
1998.09—2002.07	Shandong Normal University	Bachelor of Biology Education	
2002.09—2005.07	Zhejiang Normal University	Master of Ecology	
2006.09—2009.07	Anhui Normal University	Doctor of Ecology	
2009.07—2010.08	Wuhan Institute of Biological Engineering	Head of the Teaching and Research Section	
2010.07—Now	Spice and Beverage Research Institute, Chinese Academy of Tropical Agricultural Science (CATAS)	The researcher/ The deputy director	



Representative Result

The articles:

1. Studies on the chemical and favour qualities of white pepper (*Piper nigrum* L.) derived from grafted and non-grafted plants. European Food Research and Technology, 2020. IF 2.36.
2. The chromosome-scale reference genome of black pepper provides insight into piperine biosynthesis. Nature Communications, 2019. IF 11.87.
3. De novo transcriptome sequencing of black pepper (*Piper nigrum* L.) and an analysis of genes involved in phenylpropanoid metabolism in response to *Phytophthora capsici*. BMC Genomics, 2016. IF 3.7.
4. Morphological and molecular evidence for a new species from China: *Piper semitransparens* (Piperaceae). Phytotaxa, 2020. IF 1.4.

The projects:

1. National Key Research and Development Project “*Integrated Demonstration of Industrial Chain of Characteristic Tropical Crops*”
2. Crop Germplasm Resources Protection Project of the Ministry of Agriculture and Rural Affairs “*Safe Preservation of Spice Beverage Germplasm Resources*”
3. The open project of the Ministry of Agriculture and Rural Affairs “*Belt and Road Tropical Country Crop Germplasm Resources Joint Investigation and Development Evaluation-Tropical Fragrant Drink and Woody Food Crops Germplasm Resources Joint Investigation and Technical Demonstration Project*”

The achievements:

- 1 The project “*Collection, Preservation, Appraisal, Evaluation and Utilization of Pepper Germplasm Resources*” won the second prize of Hainan Science and Technology Progress Award in 2014.