

CURRICULUM VITAE

Personal Information			
Name	Yong WANG	Gender	Male
Position Title	Associate Professor		
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Address	NO.496, Wenqing AV. Wenchang City, Hainan, China		
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Research Interest			
<p>Mainly engaged in research on germplasm evaluation and genetic breeding of coconut, oil palm and other tropical palm crops. Based on tissue culture, genetic transformation and gene editing, to verify gene function and to create new germplasm for molecular breeding.</p>			
Education & Working Experience			
<p>2020/05 till now, Director of Coconut Research Center & Academic Committee of Coconut Research Institute, Chinese Academy of Tropical Agricultural Sciences</p> <p>2011/07-2020/05, Deputy director, Oil Palm Research Center of coconut Research Institute, CATAS</p> <p>2005/09-2011/06, Doctor, Department of fruit trees, Huazhong Agricultural University</p> <p>1999/09-2003/06, Bachelor, Department of horticulture, Henan Agricultural University</p>			



Representative Result

1. Articles

- 1) **Yong Wang***, Leonard O. Ihase, Yin M. Htwe, Peng Shi, Dapeng Zhang, Dongxia Li, Beatrice O. Emoghene, Anthony Iserhienrhien. Development of Sex-Linked SSR Marker in the Genus Phoenix and Validation in *P. dactylifera* L. **Crop Science**, 2020, 1-15
- 2) **Yong Wang***, Yin Min Htwe, Jing Li, Peng Shi, Dapeng Zhang, Zhihao Zhao, Leonard Osayande Ihase. Integrative omics analysis on phytohormones involved in oil palm seed germination. **BMC Plant Biology**, 2019, 19 (1): 363
- 3) Jing Li, Yin Min Htwe, **Yong Wang***, Yaodong Yang, Yi Wu, Dongxia Li, Abdul Kareem, Rencai Wang. Analysis of Sugars and Fatty Acids during Haustorium Development and Seedling Growth of Coconut. **Agronomy Journal**, 2019, 111 (5): 2341-2349
- 4) **Yong Wang***, Yin Min Htwe, Leonard Osayande Ihase, Muhammad Amin, Peng Shi, Jing Li, Yong Xiao, Hongxing Cao, Xintao Lei. Genotypic response of pollen germination in Dura, Pisifera and Tenera oil palm (*Elaeis guineensis* Jacq.). **Euphytica**, 2018, 214(10):194
- 5) **Yong Wang**, Yin Min Htwe, Leonard Osayande Ihase, Peng Shi, Hongxing Cao, Xintao Lei*. Pollen germination genes differentially expressed in different pollens from Dura, Pisifera and Tenera oil palm (*Elaeis guineensis* Jacq.). **Scientia Horticulturae**, 2018, 235: 32-38

2. Patents

- 1) A method to identify the sex of *Phoenix dactylifera* (No. CN201810250068.3)
Yong Wang, Dongxia Li, Zhihao Zhao, Peng Shi, Dapeng Zhang
- 2) A method for batch preparation of aseptic oil palm embryo samples (No. CN201410611726.9)
Yong Wang, Jing Li, Dapeng Zhang, Xintao Lei
- 3) A method for salvage collection and preservation of palm germplasm resources (No. CN201410612508.7)
Yong Wang, Dapeng Zhang, Jing Li, Liyun Huang, Xintao Lei

3. Projects

- 1) National Natural Science Foundation of China (No. 32071740), Mining and function analysis of genes involved in somatic embryogenesis of oil palm (2021-2024), ¥580,000; Principal.
- 2) Key Research and Development Program of Hainan Province (No. ZDYF2020215), Identification and application of linkage molecular markers for important agronomic traits in coconut (2021-2023), ¥660,000; Participant.
- 3) Central Public-interest Scientific Institution Basal Research Fund for Chinese Academy of Tropical Agricultural Sciences (No. 17CXTD-13), Industrial technology innovation team for tropical woody oil crops (2017-2021), ¥590,000; Principal.

4. Achievement award

- 1) Biological basic research on high yield and cold resistance of oil palm, Hainan Science and Technology Progress Award (Third prize)

Hongxing Cao, Yaodong Yang, Yong Xiao, Xintao Lei, **Yong Wang**, Lixia Zhou