

Ma Yuanchun



Areas of Research

Tea science, Tea plant cultivation & breeding,

Contact Information

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Research Interests

1. Mechanism of tea plant resistance to low temperature stress;
2. Mechanism of jasmonic acid signaling in tea plant;
3. Meta-analysis in plant biology.

Education Background

Bachelor: Colloge of Horticulture, Nanjing Agricultural University, Jiangsu Province

Doctor: Colloge of Horticulture, Nanjing Agricultural University, Jiangsu Province

Work experience

Visiting Scholar in University of Tennessee, 2014.09-2015.03

Postdoctoral researcher in Jiangsu Academy of Agricultural Sciences, 2016.01-2018.01

Lecturer in Nanjing Agricultural University, 2018.04-

Honors and Awards

2014 “the third-place winner of the Young Scholar Poster Competition “Horticulture Research

Selected Publication

1. Anqi Xing[#], **Yuanchun Ma[#]** (co-first author), Zichen Wu, Shouhua Nong, Jiaojiao Zhu, Hua Sun, Jing Tao, Bo Wen, Xujun Zhu, Wanping Fang, Xiaocheng Li, Yuhua Wang* Genome-wide identification and expression analysis of the CLC superfamily genes in tea plants (*Camellia sinensis*). **Functional & Integrative Genomics** . 2020, 20:497-508
 2. Zhaolan Han[#], **Yuanchun Ma[#]** (co-first author), Yue Zhao, Hao Qin, Jinqiu Li, Lin Zhou, Yuhua Wang, Xujun Zhu, Bo Wen, Xujun Zhu*, Wanping Fang* Identification analysis of Plantacyanin (PLC) genes in *Camellia sinensis* and functional identification of *CsPLC-3* in yeast. **Journal of Horticultural ence and Biotechnology**, 2020:1-12.
 3. Dayan Zhang, Zhaolan Han, Jinqiu Li, Hao Qin, Lin Zhou, Yuhua Wang, Xujun Zhu, **Yuanchun Ma* (co-corresponding author)**, Wanping Fang* Genome-wide analysis of the SBP-box gene family transcription factors and their responses to abiotic stresses in tea (*Camellia sinensis*). **Genomics**, 2019, 112(3).
 4. **Yuanchun Ma**, Qunkang Cheng, Zongming Cheng*, Hui Li1, Youhong Chang and Jing Lin *, Identification of Important Physiological Traits and Moderators That Are Associated with Improved Salt Tolerance in CBL and CIPK Overexpressors through a Meta-Analysis, **《Frontiers in Plant Science》**, 2017, 8
 5. **Yuanchun Ma**, Robert Augé, Zong-Ming (Max) Cheng, Can overexpression of Cation/Proton Antiporter 1 family genes increase salt resistance? A meta-analysis, **《Plant Biotechnology Journal 》** , 2016
 6. **Yuanchun Ma**, Jiaoyang Wang, Yan Zhong, Fang Geng, Grant R. Cramer, Zong-Ming (Max) Cheng, Subfunctionalization of cation/protion antiporter 1 genes in grapevine in response to salt stress in different organ, **《Horticulture Research》**, 2015, 2:15031.
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