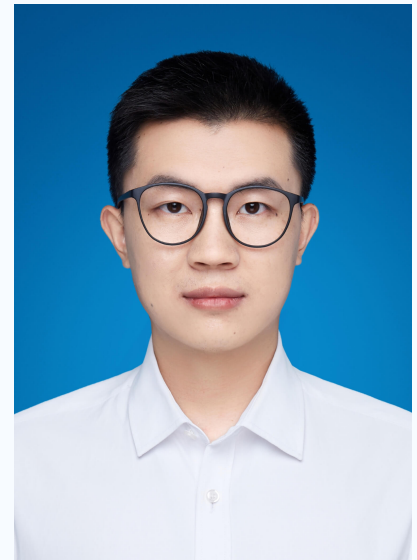


TAO YAN(严涛)

Lecturer at College of Agronomy, Hunan Agricultural University (HUNAU), Changsha, China. My Ph.D research work covers a range of issues: Population Genetics Evolution and Ecotype Divergence Analysis of *Brassica napus*, Genome-wide Association Study (GWAS) of Agronomic Traits. Currently, I am interested in Transposable Elements Insertion Polymorphisms (TIPs) in Crop Population and genetic basis such as SV, CNV and TIPs etc. Now my research focus on Crop Stress and Improvement.

I am broadly interested in bioinformatics, data integration and visualization.



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RESEARCH EXPERIENCE

present | 2021
● **Lecturer**
College of Agronomy
Hunan Agricultural University

EDUCATION

2021 | 2016
● **PhD., Crop Genetics and Breeding**
Zhejiang University
Hangzhou, CN
· Thesis: Genomic polymorphism analysis and digital utilization of germplasm resources in rapeseed (*Brassica napus* L.)

2016 | 2012
● **B.S., Crop Genetics and Breeding**
Zhejiang University
Hangzhou, CN

SCHOLARSHIPS & AWARDS

2021 | 2020
● **浙江大学优秀毕业生**
Zhejiang University
Hangzhou, CN

● **浙江省优秀毕业生**
Zhejiang University
Hangzhou, CN

2020 | 2019
● **Model Student of Academic Records and Merit Student**
Zhejiang University
Hangzhou, CN

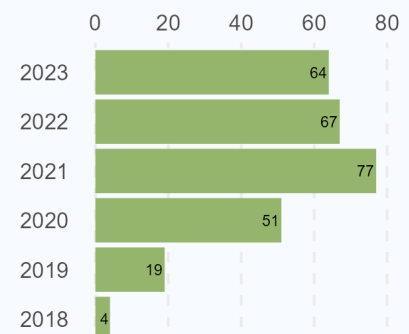
CONTACT

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Citation = 284

H-index = 8

I10-index = 4



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Last updated on 2023-08-19.

- **Prediction of heterosis in the recent rapeseed (*Brassica napus*) polyploid by pairing parental nucleotide sequences**
PLoS Genetics. 2021, 17(11).
 · Qian Wang, *Tao Yan*, Zhengbiao Long, Luna Yue Huang, Yang Zhu, Ying Xu, Xiaoyang Chen, Haksong Pak, Jiqiang Li, Dezhi Wu, Yang Xu, Shuijin Hua, Lixi Jiang*
 · Impact Factor = 5.917
- 2019 ● **Whole-genome resequencing of a world-wide collection of rapeseed accessions reveals genetic basis of their ecotype divergence**
Molecular Plant. 2019, 12(1):30-43.
 · Wu, D., Liang, Z., *Yan, T.*, Xu, Y., Xuan, L., Tang, J., Zhou, G., Lohwasser, U., Hua, S., Wang, H., Chen, X., Wang, Q., Zhu, L., Maodzeka, A., Hussain, N., Li, Z., Li, X., Shamsi, I.H., Jilani, G., Wu, L., Zheng, H., Zhang, G., Chalhoub, B., Shen, L., Yu, H., *Jiang, L.**
 · Impact Factor = 16.357
- 2018 ● **Effect of high night temperature on storage lipids and transcriptome changes in developing seeds of oilseed rape**
Journal of Experimental Botany. 2018, 69(7):1721-1733.
 · Zhou, L., *Yan, T.*, Chen, X., Li, Z., Wu, D., Hua, S., *Jiang, L.**
 · Impact Factor = 7.860
- **TRANSPARENT TESTA 4-mediated flavonoids negatively affect embryonic fatty acid biosynthesis in *Arabidopsis***
Plant, Cell & Environment. 2018, 41(12):2773-2790.
 · Xuan, L., Zhang, C., *Yan, T.*, Wu, D., Hussain, N., Li, Z., Chen, M., Pan, J., *Jiang, L.**
 · Impact Factor = 7.791



CONFERENCE PROCEEDINGS

- 2020 ● **Construction and utilization of a core germplasm of *Brassica napus***
 第一届全国作物学科博士生论坛, Oct 2020 📍 Taiyuan, CN
 · 获取优秀奖
- 2019 ● **GWAS reveals new genes involved in leaf trichome formation in polyploid oilseed rape (*Brassica napus* L.)**
 第十二届长三角作物学博士生论坛, Oct 2019 📍 Yangzhou, CN
 · 获取优秀奖