

TAO YAN(严涛)

Lecturer at College of Agronomy, Hunan Agricultural University (HUAU), 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.



RESEARCH EXPERIENCE

present
|
2021



Lecturer

College of Agronomy



Hunan Agricultural University



EDUCATION

2021
|
2016



PhD., Crop Genetics and Breeding

Zhejiang University



Hangzhou, CN

2016
|
2012



B.S., Crop Genetics and Breeding

Zhejiang University



Hangzhou, CN



SCHOLARSHIPS & AWARDS

2020
|
2019



Model Student of Academic Records and Merit Student

Zhejiang University



Hangzhou, CN



National Scholarship for Postgraduates

Zhejiang University



Hangzhou, CN

2018
|
2017



Model Student of Academic Records and Merit Student

Zhejiang University



Hangzhou, CN

2015
|
2014



Second-class Scholarship and Merit Student

Zhejiang University



Hangzhou, CN

2014
|
2013



Third-class Scholarship and Merit Student

Zhejiang University



Hangzhou, CN



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CONTACT

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🐦 [TaoYan](#)

🌐 github.com/YTLogos

🔗 taoyan.netlify.app

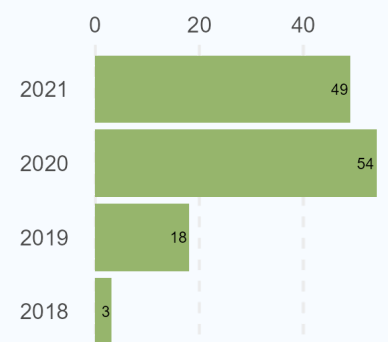
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Citation = 124

H-index = 4

I10-index = 3



data from Google Scholar

Last updated on 2021-07-14.



PUBLICATIONS

- 2021
- **BnaGVD: A genomic variation database of rapeseed (*Brassica napus*)**
Plant and Cell Physiology. 2021, 62(2):378–383.
 - Yan, T., Yao, Y., Wu, D., Jiang, L.*
 - First author
 - Impact Factor = 5.516
 - **Genome-wide association study reveals a patatin-like lipase relating to the reduction of seed oil content in *Brassica napus***
BMC Plant Biology. 2021, 21(6).
 - Haoyi Wang, Qian Wang, Haksong Pak, **Tao Yan**, Mingxun Chen, Xiaoyang Chen, Dezhi Wu and Lixi Jiang*
 - Impact Factor = 4.960
- 2020
- **Genome-wide association study reveals new genes involved in leaf trichome formation in polyploid oilseed rape (*Brassica napus* L.)**
Plant, Cell & Environment. 2020, 43(3):675–691.
 - Xuan, L.[#], Yan, T.[#], Lu, L., Zhao, X., Wu, D., Hua, S., Jiang, L.*
 - Co-first author
 - Impact Factor = 7.791
 - **BnaSNPDB: An interactive web portal for the efficient retrieval and analysis of SNPs among 1,007 rapeseed accessions**
Computational and Structural Biotechnology Journal. 2020, 18:2766–2773.
 - Yan, T., Wang, Q., Maodzeka, A., Wu, D., Jiang, L.*
 - First author
 - Impact Factor = 7.409
- 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