

# TAO YAN

I am currently a PhD Student at College of Agriculture and Biotechnology, Zhejiang University (ZJU), Hangzhou, China, working with Prof. Lixi Jiang on Crop Genetics and Breeding. Research interests. 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 shapes the diversity of different morphotypes of *B.napus*.

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

## EDUCATION

- 2021  
|  
2016 • **PhD., Crop Genetics and Breeding**  
Zhejiang University Hangzhou, CN
- 2016  
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2012 • **B.S., Crop Genetics and Breeding**  
Zhejiang University Hangzhou, CN

## SCHOLARSHIPS & AWARDS

- 2020  
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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

## PUBLICATIONS

- 2020 • **Genome-wide association study reveals new genes involved in leaf tri-chome 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 = 7.044



## CONTACT

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🌐 [github.com/YTLogos](https://github.com/YTLogos)  
🔗 [taoyan.netlify.app](https://taoyan.netlify.app)  
☎ yt056410  
📞 (86) 13372566428

## LANGUAGE SKILLS

R  
Python  
Bash  
AWK

Made with [pagedown](#).



The source code is available at:  
(<https://github.com/YTLogos/cv>).

Last updated on 2020-11-29.

- **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 = 6.018
  
- 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 = 12.744
  
- 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 = 7.011
  
- **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 = 7.044



## 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