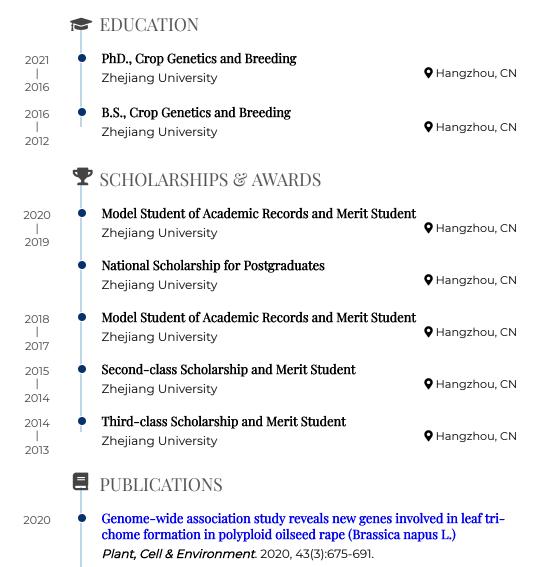
## TAO YAN

I am currently a PhD Student at College of Agriculture and Biotechnology, Zhe-jiang 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.



· 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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## LANGUAGE SKILLS

R Python Bash AWK

Made with pagedown.

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

Last updated on 2020-11-25.

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

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

2020

2019

• 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**

• 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
- 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