

Journal of Integrative Plant Biology Newsletter

2023 Highlights

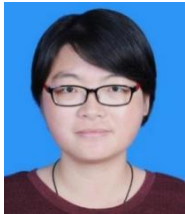
Thank you to our editorial board, readers, and authors for supporting JIPB—we had a great year in 2023.

- ✧ JIPB published **178** manuscripts and **12** issues in 2023.
- ✧ JIPB 2022 Impact Factor: **11.4**, compared to 9.106 in 2021, Top **2.9%**.
- ✧ JIPB 2022 CiteScore in Scopus: **14.1**, compared to 11.8 in 2021, Top **2.5%**.
- ✧ Awarded **The Highest International Impact Academic Journal of China**.
- ✧ Held the 2023 National Conference on Frontiers in Integrated Plant Biology and the 2023 Editorial Board Conference (Lin'an, China, April 7–10, 2023).



New Editorial Board Members

Please join us in welcoming our new editorial board members.



Dr. Xu Chen

Fujian Agriculture
and Forestry University,
China



Dr. Huilong Du

Hebei University,
China



Dr. Qiaohong Duan

Shandong Agricultural
University, China



Dr. Fei Lu

Institute of Genetics and
Developmental Biology,
CAS, China



Prof. Jianquan Liu

Lanzhou University,
China



Dr. Jun Wu

Nanjing Agricultural
University, China



Dr. Yongrui Wu

Institute of Plant
Physiology and Ecology,
CAS, China



Dr. Cao Xu

Institute of Genetics and
Developmental Biology,
CAS, China



Dr. Rui Xia

South China Agricultural
University, China



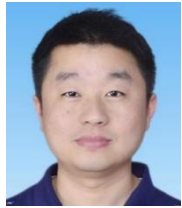
Dr. Xiaodong Xu

Henan University,
China



Dr. Wenqiang Yang

Institute of Botany, CAS,
China



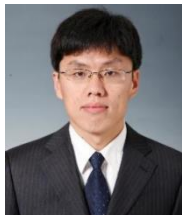
Dr. Ziyin Yang

South China Botanical
Garden, CAS, China



Dr. Bojian Zhong

Nanjing Normal
University, China

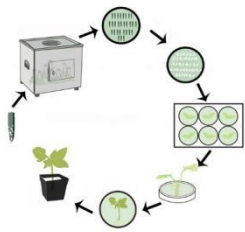


Prof. Zhonghua Zhang

Qingdao Agricultural
University, China

To see the full list of Editorial Board Members, please click [here](#).

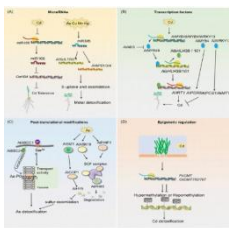
Highlight Papers in 2023



Fuguang Li et al.

Efficient genotype-independent cotton genetic transformation and genome editing

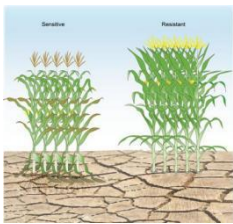
The shoot apical meristem cell-mediated transformation system SAMT, an efficient genotype-independent genetic transformation system for cotton, sidesteps the need for somatic embryogenesis and paves an effective alternative way to generate transgenic and gene-edited plants in cotton and other recalcitrant dicot plant species for genetic improvement.



Fang-Jie Zhao et al.

Molecular mechanisms underlying the toxicity and detoxification of trace metals and metalloids in plants

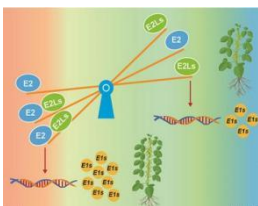
Contamination of soil with trace metals/metalloids can cause toxicity to plants and threaten food safety. This review presents recent progress in understanding the molecular mechanisms of trace metal/metalloid toxicity and detoxification, and strategies to enhance plant resistance to trace metal stresses and reduce toxic metal accumulation in food crops.



Zhirui Yang, Feng Qin

The battle of crops against drought: Genetic dissection and improvement

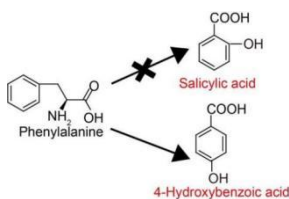
This review summarized the recent advance in genetic dissection and gene cloning in crop drought resistance and the development of technologies to mitigate the threat of drought to crop production.



Xiaohui Zhao et al.

GIGANTEA orthologs, E2 members, redundantly determine photoperiodic flowering and yield in soybean

A working model explains the asymmetric redundancy of E2 family members in flowering and adaptation in soybean according to their geographical distribution and molecular experiments. The diversified allele combinations of E2 family members allow the adaptation to different eco-regions, which should contribute to soybean improvement.



Qiao Zhao et al.

Salicylic acid biosynthesis is not from phenylalanine in Arabidopsis

¹³C₆-phenylalanine tracer and LC-MRM-MS/MS analysis of salicylic acid (SA) and its isomers found the ¹³C label is not incorporated into SA, but rather into 4-hydroxybenzoic acid, indicating that SA synthesis is not from phenylalanine in *Arabidopsis*.

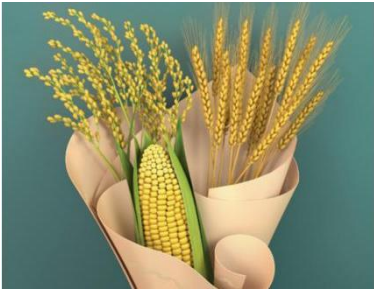
Editorial Board Members from JIPB Featured in the 2023

Clarivate Highly Cited Researchers List

Recently, Clarivate™ revealed its 2023 list of Highly Cited Researchers™—individuals at universities, research institutes, and commercial organizations. We are proud to note that this list included **twenty** members of the Editorial Board of JIPB. Please join us in congratulating all elected Editorial Board Members.

Name	Category	Affiliation
Yang Bai	Cross-Field	Institute of Genetics and Developmental Biology, CAS, China
Chengcai Chu	Plant Science	South China Agricultural University, China
Zhizhong Gong	Plant Science	China Agricultural University, China
Yan Guo	Plant Science	China Agricultural University, China
Sanwen Huang	Cross-Field	Agricultural Genomics Institute at Shenzhen, CAAS, China
Xuehui Huang	Cross-Field	Shanghai Normal University, China
Legong Li	Cross-Field	Capital Normal University, China
Jie Luo	Plant Science	Hainan University, China
Jian Feng Ma	Plant Science	Okayama University, Japan
Martin Parry	Plant Science	Biotechnology and Biological Sciences Research Council (BBSRC), UK
Qian Qian	Plant Science	China National Rice Research Institute, China
Chun-Peng Song	Plant Science	Henan University, China
Zhixi Tian	Cross-Field	Institute of Genetics and Developmental Biology, CAS, China
Ertao Wang	Plant Science	Center for Excellence in Molecular Plant Sciences, Institute of Plant Physiology and Ecology, CAS, China
Qi Xie	Plant Science	Institute of Genetics and Developmental Biology, CAS, China
Xiufang Xin	Cross-Field	Center for Excellence in Molecular Plant Sciences, Institute of Plant Physiology and Ecology, CAS, China
Jianbing Yan	Cross-Field	Huazhong Agricultural University, China
Shuhua Yang	Plant Science	China Agricultural University, China
Diqiu Yu	Plant Science	Yunnan University, China
Jian-Min Zhou	Plant Science	Institute of Genetics and Developmental Biology, CAS, China

2023 Special Issue



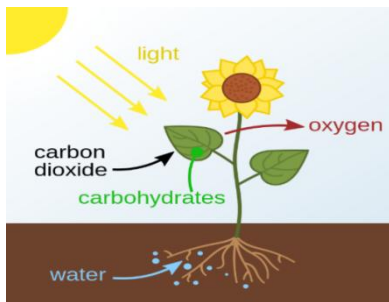
Edited by **Zhizhong Gong**

[Special Issue on Invited expert reviews for plant research progress](#)

Volume 65, Issue 2

This special issue features invited reviews on the latest research progress in plant growth and development, protein modification, metabolism, gene editing, disease resistance, and crop improvement under abiotic stress.

2024 Special Issues



[Special Issue on Photosynthesis](#)

Edited by **Arthur R. Grossman, Rongcheng Lin and Wenqiang Yang**
Submission deadline: **30 June 2024**

[Submit now](#)



[Special Issue on Plant Photobiology](#)

Edited by **Hongtao Liu and Jigang Li**

Publication date: **2024**

[Submit now](#)

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