

JIPB | Editor's Newsletter



WILEY

JIPB  Journal of Integrative Plant Biology

1. Basic Information

Organization	Institute of Botany, the Chinese Academy of Sciences (CAS) The Botanical Society of China
Submission and Review	ScholarOne Manuscripts
Production	Wiley
Co-Editors-In-Chief	Zhizhong Gong, China Agricultural University, gongzz@cau.edu.cn Kang Chong, Institute of Botany, CAS, chongk@ibcas.ac.cn
Deputy Executive Editor-in-Chief	Jie Shen, JIPB Editorial Office, shenjie@ibcas.ac.cn
2023 JCR Impact Factor	9.3 , ranking at Top 3.2% in “Plant Sciences” category
2023 CiteScore	18.0 , ranking at Top 2% in “Plant Science” category
Research Scopes	JIPB reports novel scientific discoveries related to any aspect of plant biology, preferably (but not exclusively) using integrated genetic, genomic, biochemical, and systems biology approaches. We aim to foster communication and discussion among scientists in different areas of plant and agricultural sciences.
Article Categories	Invited Expert Review; Review Articles; Research Article; Brief Communications; Commentary; Highlight; News and Views; New Technology; New Resources
Average Handling Time	First decision: 19 days Submission to online publication: 56 days
Publication Fees	Open Access (Fees collected by WILEY): ➤ US \$2,730 for each article ! Starting from 2025 (submission time), the fee will be US \$3,000 for each article Standard License (Fees collected by JIPB Editorial Office): ➤ US \$100 per printed page for regular articles ➤ US \$1,500 for each Brief Communications article ➤ US \$750 for each Commentary / Highlight article ! Starting from 2025 (submission time), the fee will be US \$2,200 for each regular article, US \$1,500 for each Brief Communications, and US \$750 for each Commentary and Highlight

2. Editorial Board Members

Currently, JIPB has **170** editorial board members from 16 countries. JIPB Editors' information can be found at the following webpages:

<https://www.jipb.net/EN/column/column189.shtml>

<https://onlinelibrary.wiley.com/page/journal/17447909/homepage/editorialboard.html>

We are delighted to announce that, with the strong support and recommendations from our editorial board, JIPB has significantly expanded its team this year, welcoming 49 new members from 11 countries.

*Let's extend a warm welcome to the following **49** new editorial board members:
(Divided by field, listed in alphabetical order by last name)*

Name	Affiliation	Country	Name	Affiliation	Country
Cell and Developmental Biology			Molecular Physiology		
Ming-Yi Bai	Shandong University	China	Ricardo F. H.	Leibniz Institute of Plant Genetics and Crop Plant Research	Germany
Ying Fu	China Agricultural University	China	Giehl	The University of Sydney	Australia
Xiaofeng Gu	Institute of Biotechnology Research, CAAS	China	Brent N. Kaiser	Shandong Agricultural University	China
Panagiotis N. Moschou	University of Crete	Greece	Nan Ma	China Agricultural University	China
Eunkyoo Oh	Korea University	Korea	Ullas Pedmale	Cold Spring Harbor Laboratory	USA
Young Hun Song	Seoul National University	Korea	Anna N. Stepanova	North Carolina State University	USA
Wenqiang Tang	Hebei Normal University	China	Bram Van de Poel	University of Leuven	Belgium
Steffen Vanneste	Ghent University	Belgium	Photosynthesis and Crop Physiology		
Zeng-Yu Wang	Qingdao Agricultural University	China	Jisen Zhang	Guangxi University	China
Jianjun Zhao	Hebei Agricultural University	China	Wenbin Zhou	Institute of Crop Sciences, CAAS	China
Functional Omics and Systems Biology			Abiotic Stress Responses		
Rodrigo A. Gutiérrez	Pontificia Universidad Católica de Chile	Chile	Qingmei Guan	Northwest A&F University	China
Götz Hensel	Heinrich Heine University	Germany	Xiaoshuang Li	Xinjiang Institute of Ecology and Geography, CAAS	China
Huihui Li	Institute of Crop Sciences, CAAS	China	Caifu Jiang	China Agricultural University	China
Awais Rasheed	Quaid-i-Azam University	Pakistan	Feng Qin	China Agricultural University	China
Lin Li	Huazhong Agricultural University	China	Shiyong Song	Zhejiang University	China
Jun Xiao	Institute of Genetics and Developmental Biology, CAS	China	Jing Zhang	China Agricultural University	China
Justin Walley	Iowa State University	USA	Plant Biotic Interactions		
Metabolism and Biochemistry			Brett Ferguson	The University of Queensland	Australia
Susanne Baldermann	Leibniz Institute of Vegetable and Ornamental Crops	Germany	Zhaojiang Guo	Institute of Vegetables and Flowers, CAAS	China
Alisdair Fernie	Max Planck Institute of Molecular Plant Physiology	Germany	Jong Hum Kim	Pohang University of Science and Technology	Korea
Dae-Kyun Ro	University of Calgary	Canada	Zhaosheng Kong	Shanxi Agricultural University	China
Chuankui Song	Anhui Agricultural University	China	Yuese Ning	Institute of Plant Protection, CAAS	China
Hongning Tong	Institute of Crop Sciences, CAAS	China	Jianguo Wu	Fujian Agriculture and Forestry University	China
Jianbin Yan	Agricultural Genomics Institute at Shenzhen, CAAS	China	Wangsheng Zhu	China Agricultural University	China
Molecular Ecology and Evolution			Plant Reproductive Biology		
Kenneth M. Olsen	Washington University in St. Louis	USA	Abdelhafid Bendahmane	University Paris-Saclay	France
Qingxin Song	Nanjing Agricultural University	China	Sheng Zhong	Peking University	China

3. Conference and Activities

Conference

From May 10 to 13 this year, the *Journal of Integrative Plant Biology* (JIPB), in partnership with Fujian Agriculture and Forestry University, held the "2024 Symposium on Frontiers in Integrative Plant Biology and JIPB Editorial Board Meeting" in Fuzhou, China.

With additional funding, we plan to host an international editorial board meeting in the future. By bringing together our overseas board members, we aim to strengthen global collaboration and foster knowledge exchange within the field.



2024 JIPB Editorial Board Conference

Fuzhou, China

May 12, 2024

Promotion activities

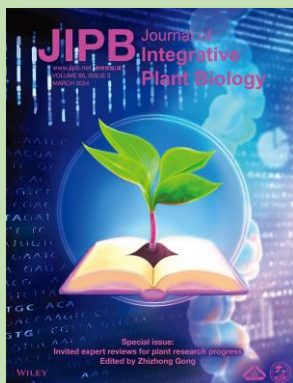
We would love for you to share your photos of promoting JIPB with us. It has been wonderful having your support along JIPB's journey!

We warmly encourage the editorial board members to actively promote the journal to boost its international visibility. If you need any promotional materials, please feel free to contact jipb@ibcas.ac.cn at any time.

JIPB EIC and Editors promote the journal



4. Special Issues

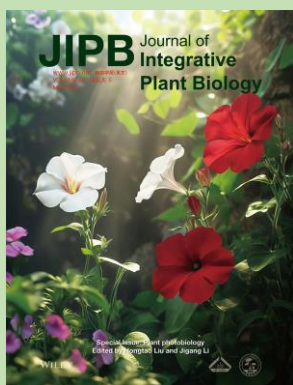


VOLUME 66, ISSUE 3
MARCH 2024

Invited Expert Reviews for Plant Research Progress

Edited by:
Zhizhong Gong

“ This special issue features the latest progress in plant research, reviewed by invited experts in the fields of plant growth, development, metabolism, immunity, abiotic stress, and molecular ecology. In the cover illustration, a seedling of insight emerges from the pages of the journal, firmly rooted in the wealth of the latest biological data. ”



VOLUME 66, ISSUE 5
MAY 2024

Plant Photobiology

Edited by:
Hongtao Liu, Jigang Li

“ This special issue provides important advances and summaries of multiple aspects in plant photobiology, and will facilitate the design of shade-tolerant, high-yield crops in the near future. ”



Special Section:

Photosynthesis To be released in 2025

Guest Editors:
Rongcheng Lin,
Wenqiang Yang,
Arthur Grossman

“ This special issue will highlight research and reviews in the field of photosynthesis, including topics such as the structure of protein complexes, chloroplast development, and quality control, as well as the links between photosynthesis and agriculture. ”



Call for Papers!
Special Collection:

Advancing Plant Science in China: Breakthroughs by Emerging Talents

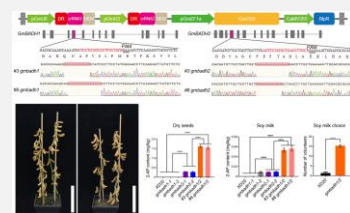
(Submission deadline:
March 31, 2025)

“ This special collection aims to highlight pioneering research by young researchers from both academic and industrial backgrounds to strengthen connections within the community, drive research in the frontier areas of plant science, contribute to overall scientific development in China, and address global challenges related to vegetation, agriculture, the environment, and sustainability. ”

Breeding exceptionally fragrant soybeans for soy milk with strong aroma

Hongtao Xie, Minglei Song, Xuesong Cao, Qingfeng Niu, Jianhua Zhu, Shasha Li, Xin Wang, Xiaomu Niu, Jian-Kang Zhu

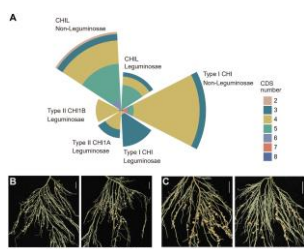
Knockout of the soybean (*Glycine max*) betaine aldehyde dehydrogenase genes *GmBADH1* and *GmBADH2* using CRISPR/Cas12i3 enhances the aroma of soybeans. Soy milk made from the *gmbadh1/2* double mutant seeds exhibits a much stronger aroma, which consumers prefer; this mutant has potential for enhancing quality in soy-based products.



Duplication and sub-functionalization of flavonoid biosynthesis genes plays important role in Leguminosae root nodule symbiosis evolution

Tengfei Liu, Haiyue Liu, Wenfei Xian, Zhi Liu, Yaqin Yuan, Jingwei Fan, Shuaiying Xiang, Xia Yang, Yucheng Liu, Shulin Liu, Min Zhang, Yanting Shen, Yuannian Jiao, Shifeng Cheng, Jeff J. Doyle, Fang Xie, Jiayang Li, Zhixi Tian

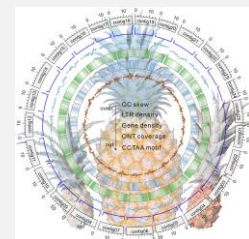
A comprehensive phylogenetic analysis revealed that Leguminosae show multiple changes in the flavonoid pathway, including a duplication of the type II chalcone isomerase gene *CHI*; the resulting duplicated *CHI1A* and *CHI1B* genes participated in root nodule symbiosis and exhibited structural and functional divergence.



The Pineapple Reference Genome: Telomere-to-Telomere Assembly, Manually Curated Annotation, and Comparative Analysis

Junting Feng, Wei Zhang, Chengjie Chen, Yinlong Liang, Tangxiu Li, Ya Wu, Hui Liu, Jing Wu, Wenqiu Lin, Jiawei Li, Yehua He, Junhu He, Aiping Luan

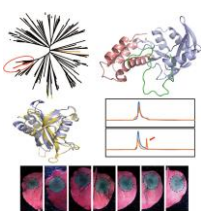
A telomere-to-telomere genome assembly for pineapple integrating germplasm collections, phenotyping, sequencing, and gene structural annotations with manual inspections are provided in the Ananas Genome Database and enabled the identification of high-confidence structural variants and a regulatory gene for red leaves.



Oomycete Nudix effectors display WY-Nudix conformation and mRNA decapping activity

Baodian Guo, Qinli Hu, Bangwei Wang, Deqiang Yao, Haonan Wang, Guanghui Kong, Chenyang Han, Suomeng Dong, Fengquan Liu, Weiman Xing, Yuanchao Wang

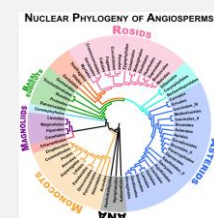
Oomycete Nudix effectors have characteristics of independent evolution, but adopt a conserved WY-Nudix conformation. Furthermore, multiple oomycete Nudix effectors exhibit mRNA decapping activity.



Nuclear phylogenomics of angiosperms and insights into their relationships and evolution

Guojin Zhang, Hong Ma

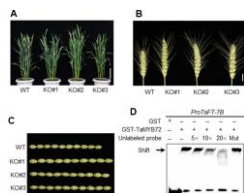
This review synthesizes numerous nuclear phylogenomic analyses of angiosperms (analyses that resolved the relationships of major clades, most orders, and many families and subgroups) and discusses the improved understanding of angiosperm biogeography, diversification dynamics, and character evolution.



TaMYB72 directly activates the expression of *TaFT* to promote heading and enhance grain yield traits in wheat (*Triticum aestivum* L.)

Lifen Wu, Zhencheng Xie, Danping Li, Yaoyu Chen, Chuan Xia, Xiuying Kong, Xu Liu, Lichao Zhang

Heading date, grain number per spike, and grain weight are crucial traits affecting yield and adaptability in wheat. The transcription factor TaMYB72 is an important regulator of wheat grain yield and its knock-out mutants can be used as germplasm resources for wheat improvement.





6. Useful Links:

JIPB website:

<https://www.jipb.net/>

<https://onlinelibrary.wiley.com/journal/17447909>

Author Guidelines:

<https://www.jipb.net/authors/index.html>

Submission:

<https://mc03.manuscriptcentral.com/jipb>

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