

Jing-Xuan Chen

Graduate Student,
College of Agriculture and Biotechnology, Zhejiang University
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Education

Zhejiang University	Hangzhou, China
PhD Candidate, Evolutionary Biology	2024–Present
College of Agriculture and Biotechnology	
Advisor: Prof. Xing-Xing Shen	

Zhejiang University	Hangzhou, China
Bachelor of Science in Ecology	2020–2024
Chu Kochen Honors College & College of Life Sciences	

Peer-reviewed publications

01. Wu W., Cui C., Zhu Y., **Chen J.**, Zhuang Q., Wang Y., Liu Z., Gao H., Ou G., Liu C., Tao M., Chen Y., Pan R., Zhang G., Cai H., Yang J., Chen X., Zhou X., Wang S., Shen X.-X. 2026. Structural genomics sheds light on protein functions and remote homologs across the insect tree of life. *Cell Research*, in press.

02. Dunn C.W., Zhou X., **Chen, J.**, Musser J.M., Li Y., Haddock S.H.D., Rokhsar D.S., Shen X.-X., 2026. Re. Integrative phylogenomics positions sponges at the root of the animal tree. *Science* (eLetter).

03. Huang, H., **Chen, J.**, Ke, Z., Zhang, C., 2025. *Branchiostegus sanae*, a new species of deepwater tilefish (Eupercaria, Branchiostegidae) from the South China Sea. *Zookeys*, 1227(5), pp.129-142.

04. Li, J., Li, B. **Chen, J.**, Gao, H., 2024. *Bulbophyllum inconspicuum* Maxim. (Orchidaceae: Epidendroideae), a new recorded of Orchidaceae from China. (in Chinese) *Shaanxi Forest Science and Technology*, 52(6), pp.44-47.

05. **Chen, J.**, Zhou, J., Liu, B., 2023. Records and population status of sea turtles in the Zhejiang sea area of China. (in Chinese) *Biodiversity Science*, 31(6), pp.1-9.

06. Zhao, L., Dai, R., Zhang, T., Guo, L., Luo, Q., **Chen, J.**, Zhu, S., Xu, X., Tang, J., Hu, L. and Chen, X., 2023. Fish Mediate Surface Soil Methane Oxidation in the Agriculture Heritage Rice–Fish System. *Ecosystems*, 26(8), pp.1656-1669.

07. Qiu, H., Zhang, Z.H., Wang, M.Z., Jin, X.J., Lin, J.D., Comes, H.P., **Chen, J.**, Cui, R.N., Duan, R.Q. and Li, P., 2023. Plastome evolution and phylogenomics of *Impatiens* (Balsaminaceae). *Planta*, 257(2), p.45.

Public science writings

01. **Chen, J.**, 2020. Out of the Shadows: a Brief Introduction to the Dark Sleepers. *AMAZONAS*, Dec, pp.50-53.

Techniques and skills

Research Softwares and Sites: ASTRAL, BLAST, BMGE, BUSCO, FigTree, Foldseek, IQ-TREE, iTOL, MAFFT, MEGA, NCBI tools, OrthoFinder, trimAl.

Operation System: Linux.

Graphics and Visualization: Adobe Illustrator, Adobe Photoshop.

Collection skills: live specimen collection, standardized photographic documentation protocols for ichthyological specimens, museum specimen preparation and preservation.

Invited lectures

University of Nottingham Ningbo China

2023

Teaching experience

Teaching Assistant: Seashore Field Course of Biology, College of Life Sciences, **Zhejiang University**. in: Zhoushan archipelago. Summer 2024.

Teaching Assistant: Seashore Field Course of Biology, College of Life Sciences, **Zhejiang University**. in: Zhoushan archipelago. Summer 2023.

Teaching Assistant: Field Course of Biology, College of Life Sciences, **Zhejiang University**. in: Mt. Tianmu, Hangzhou. Summer 2023.

Museum and Collection Experience

Zoological Collection, Zhejiang University

Assistant Collection Curator

2021–2023

Zoological Display Upgrade Project Contributor

2023

Ichthyological Museum, Shanghai Ocean University

Visiting Researcher

August 2024

Selected media coverage

Xinhua (China), *BBC* (United Kingdom), *China Daily* (China), *Kyodo* (Japan), *Discover Magazine* (United States), *Bowu* (China).

Species Named

Branchiostegus sanae Huang, Chen, Ke & Zhang, 2025

Professional references

Dr. Xing-Xing Shen

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