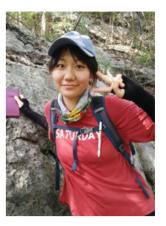
# Yiwei Hu

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### **Education:**

#### Msc

Geology (Paleontology and Stratigraphy) **Hefei University of Technology,** Hefei, 2021.09~2024.07 (expected)

Supervisors: Prof. Jun Liu, Dr. Andrzej Wolniewicz, Dr. Yuefeng Shen

#### Bsc

Geology (GPA: 3.17, ranked 1/11)

Hefei University of Technology, Hefei, 2017.09~2021.07

Thesis Advisor: Prof. Jun Liu

# **Skills and Expertise**

Bone thin section preparation CT scan and reconstruction Data analysis in R

Language: Chinese, English

### **Peer-reviewed Publications**

- 7. **Yiwei Hu**, Jun Liu. Bone histology of thalattosaurs informs the convergent evolution of endothermy and the pelagic life style in marine reptiles (Under Preparation)
- 6. **Yiwei Hu,** Andrzej Wolniewicz, Jun Liu. A new placodont (Reptilia: Sauropterygia) from the Middle Triassic of southern China and the evolution of placodont dentition (Under Preparation)
- 5. Yu-Ting Lu, **Yiwei Hu**, Jun Liu. A new *Dinocephalosaurus* (Archosauromorpha, Dinocephalosauridae) from the Middle Triassic of southern China (Under Preparation)
- 4. **Yiwei Hu**, Qiang Li, Jun Liu, 2024. A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of southwestern China and its phylogenetic and biogeographic implications. *Swiss Journal of Palaeontology* 143(1), 1. https://doi.org/10.1186/s13358-023-00292-4

- 3. Andrzej S. Wolniewicz, Yue-Feng Shen, Qiang Li, Yuan-Yuan Sun, Yu Qiao, Ya-Jie Chen, **Yiwei Hu**, Jun Liu. 2023. An armoured marine reptile from the Early Triassic of South China and its phylogenetic and evolutionary implications. *eLife* 12:e83163. https://doi.org/10.7554/eLife.83163
- 2. Jing He, **Yiwei Hu**, Di Zhang, Yue-Feng Shen, 2023. A New Juvenile Specimen of Xinpusaurus suni (Reptilia: Thalattosauria) from the Upper Triassic of Southwestern China. *Geological Review*, 69(3):2023030018. DOI:10.16509/j.georeview.2023.06.012 (In Chinese with English Summary)
- 1. **Yiwei Hu**, Jun Liu, 2022. A new morphotype of nothosaurs (Sauropterygia: Nothosauridae) from the Middle Triassic of South China. *Historical Biology*. *35(10)*: 1794-1803. https://doi.org/10.1080/08912963.2022.2122459

## **Conference Abstracts (presenters only)**

- 7. **Yiwei Hu**, Qiang Li, Jun Liu, 2023. A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of southwestern China and its phylogenetic and biogeographic implications. *The 2nd Asian paleontological conference* (Poster presentation)
- 6. **Yiwei Hu**, Qiang Li, Jun Liu, 2023. A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of southwestern China and its phylogenetic and biogeographic implications. *The 8th International Meeting on Mesozoic Fishes and Aquatic Tetrapods* (Oral presentation)
- 5. **Yiwei Hu**, Qiang Li, Jun Liu, 2023. A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of southwestern China and its phylogenetic and biogeographic implications. *The XX Annual Meeting of the European Association of Vertebrate Palaeontologists* (Poster presentation)
- 4. **Yiwei Hu**, Qiang Li, Jun Liu, 2022. A new pachypleurosaur (Reptilia: Sauropterygia) from the Middle Triassic of southwestern China and its phylogenetic and biogeographic implications. *The 6th National Youth Geological Conference of the Geological Society of China* (Oral presentation, in Chinese)
- 3. **Yiwei Hu**, Jun Liu, 2022. A new morphotype of nothosaurs (Sauropterygia: Nothosauridae) from the Middle Triassic of South China. *National Geo-Graduates Forum* 2022 (Oral presentation, in Chinese)
- 2. **Yiwei Hu**, Jun Liu, 2022. A new morphotype of nothosaurs (Sauropterygia: Nothosauridae) from the Middle Triassic of South China. *The 6th International Palaeontological Congress* (Oral presentation)
- 1. **Yiwei Hu**, 2022. A new morphotype of nothosaurs (Sauropterygia: Nothosauridae) from the Middle Triassic of South China. *Paleontological Society of China 30th Annual Meeting* (Oral presentation, in Chinese)

## **Major Scholarships and Awards**

| Jackson School of Geosciences Student Member Travel Grant   | 2023         |
|---|--------------|
| (SVP 2023 Annual Meeting)   |              |
| Postgraduate Scholarship<br>(Hefei University of Technology)  | 2021~2023    |
| National Postgraduate Scholarship<br>(The Ministry of Education, People's Republic of China)  | 2022         |
| Noel White Scholarship<br>(Hefei University of Technology)  | 2021         |
| Outstanding Bachelor student award<br>(Department of Education, Anhui Province)   | 2021         |
| Best Bachelor thesis award<br>(Hefei University of Technology)  | 2021         |
| Silver award, China College Students' "Internet+" Innovation and Entrepreneurship Competition (Department of Education, Anhui Province)   | 2020         |
| Undergraduate scholarship<br>(Hefei University of Technology)   | 2018~2021    |
| Extracurricular Activities  |              |
| Collection assistant, Geological Museum<br>Hefei University of Technology   | 2020~present |
| CEO, FOSSILS  | 2020~present |
| PI, National College Students' innovation and entrepreneurship training program: Fossils excavation, conservation and preparation: an example from the Early Triassic Chaohusau Fauna in the Anhui Province, China. (100,000 RMB) | 2019~2021    |

# **Academic References**

| Dr. Jun Liu            | Professor and head Department of Geology School of Resources and Environmental Engineering Hefei University of Technology Hefei, Anhui Province, China Email: junliu@hfut.edu.cn |
|------------------------|--|
| Dr. Andrzej Wolniewicz | Postdoctoral researcher Department of Earth Sciences University of Cambridge Cambridge, UK Email: andrzej.s.wolniewicz@gmail.com   |

# YIWEI HU - Curriculum Vitae

Dr. Yunfeng Shen Lecturer

Department of Geology

School of Resources and Environmental Engineering

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