

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 (SVP 2023 Annual Meeting)	2023
Postgraduate Scholarship (Hefei University of Technology)	2021~2023
National Postgraduate Scholarship (The Ministry of Education, People's Republic of China)	2022
Noel White Scholarship (Hefei University of Technology)	2021
Outstanding Bachelor student award (Department of Education, Anhui Province)	2021
Best Bachelor thesis award (Hefei University of Technology)	2021
Silver award, China College Students' "Internet+" Innovation and Entrepreneurship Competition (Department of Education, Anhui Province)	2020
Undergraduate scholarship (Hefei University of Technology)	2018~2021

Extracurricular Activities

Collection assistant, Geological Museum Hefei University of Technology	2020~present
CEO, FOSSILS	2020~present
PI, National College Students' innovation and entrepreneurship training program: <i>Fossils excavation, conservation and preparation: an example from the Early Triassic Chaohusau Fauna in the Anhui Province, China.</i> (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

Dr. Yunfeng Shen

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