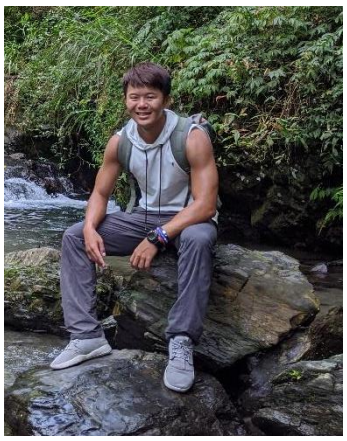
PERSONAL DATA



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Affiliation: Geology Department, Paleontology Division, National Museum of Natural Science, Taichung, Taiwan

EDUCATION & EXPERIENCES

Experiences:

2018/11-2019/02 Postdoc/Wissenschaftlicher Mitarbeiter / Institut Geowissenschaften, University of Bonn, Germany
2019/03-2019/06 Postdoc / Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Science, China
2019/06- Assistant Curator / Department of Geology, National Museum of Natural Science, Taiwan
2020/02 Adjunct Assistant Professor / Dept. of Earth Sciences, NCKU
2021/08 Joint Assistant Professor / Dept. of Life Sciences, NCHU
2022/01 Associate Editor / Zoological Studies, Frontiers in Earth Sciences, Frontiers in Ecology and Evolution
2024/08- now Associate Curator / Dept. of Geology, National Museum of Natural Science

Education:

2006-2010 National Cheng Kung University (Tainan, Taiwan), majoring in Earth Sciences and Life Sciences (GPA:3.6/4.0)
2010-2012 National Cheng Kung University (Tainan, Taiwan), majoring in Earth Sciences, co-advised by the curator of National Museum of Natural Sciences (Taichung, Taiwan) (GPA: 4.0/4.0)
2014-2018 Rheinische Friedrich-Wilhemls-Universität Bonn (Bonn, Germany) (was evaluated as an outstanding achievement “Sehr gut”, means very good with the grade of 1.0)

RESEARCH INTERESTS

1. Dinosaur eggs
2. Dinosaur reproductive biology
3. Taphonomy
4. Paleoecology
5. Molecular Paleontology

GRANTS AND AWARDS

2019/01 Chinese Academy of Sciences, Taiwan Young Talent Programme 500,000 (RMB)
2019/10 Ministry of Science and Technology, Taiwan (MOST-108-2116-M-178-003-MY2) 2,735,000(NTD)
2021/08 Ministry of Science and Technology, Taiwan (MOST-110-2116-M-178-002) 1,080,000(NTD)
2021/11 Deutsche Forschungsgemeischaft (DFG) 50,000(EUR)
2022/08 Ministry of Science and Technology, Taiwan (MOST-110-2116-M-178-002) 1,150,000(NTD)
2023/08 Ministry of Science and Technology, Taiwan (MOST-110-2116-M-178-002)

1,530,000(NTD)
2024/08 Ministry of Science and Technology, Taiwan (MOST-110-2116-M-178-002) 1,766,000(NTD)
2024/05 Geological Society of Taiwan Ting-Ying Ma Young Scientist's Paper Award
2024/05 Central Geological Survey of Taiwan Excellent Paper Award

JOURNAL REVIEWS

Vertebrata PaleoAsiatica、Journal of Paleontology、Cretaceous Research、Historical Biology、Paleobiology、Scientific Reports、Journal of Vertebrate Paleontology、Communications Biology 、Palaeogeography, Palaeoclimatology, Palaeoecology, Frontiers in Ecology and Evolution、Geosciences Frontiers、Frontiers in Earth Sciences、Journal of Palaeobiogeography、Molecules、PeerJ

ACADEMIC PARTICIPATION

2015 Organizing committee of Workshop for Morphometrics University of Bonn, Germany
2015 Organizing committee of 3rd International Symposium of Paleohistology University of Bonn, Germany
2019 Chief committee of 7th Symposium of Dinosaur Eggs and Babies Qinglongshan Dinosaur Egg-Cluster National Geopark

PUBLICATIONS

1. Shan, H.-Y.^, **Yang, T.-R.**^, Chou, C.-C.^, Manica, A., Cheng, Y.-N., Huang, W.-S. **2022**. Scavenging sabertoothed cats: a behaviour that contributed to their extinction. Heliyon (^equal contribution; accepted)
2. Pang, C.-H., **Yang, T.-R**., Lin, S.-H., Chang, Y.-J., Shiau, L.-J., Chen, C.-T., Chang, C.-P., Lo, L. **2023**. The first discovery of amber resin in Lichi Mélange, Eastern Taiwan. Frontiers in Earth Sciences 11:1078703.
3. Choi, S., **Yang, T.-R**., Moreno-Azanza, M., Zhang, S., Kim, N.-H. **2022**. Triassic sauropodomorph eggshell might not be soft. Nature 610:E8-E10.
4. **Yang, T.-R.*,** Sander, P. M. **2022**. The reproductive biology of oviraptorosaurs: a synthetic view. Geological Society, London, Special Publication: SP521 Mesozoic Biological Events and Ecosystems in East Asia doi:10.1144/SP521-2021-181
5. Xing, L., Niu, K., Ma, W., Zelenitsky, D. K., **Yang, T.-R**., Brusatte, S. L. **2021**. An exquisitely preserved in-ovo theropod dinosaur embryo sheds light on avian-like prehatching postures. iScience 25:103516. doi:10.1016/j.isci.2021.103516
6. Chi, T.-C., Gan, Y., **Yang, T.-R**.*, Chang, C.-H.* **2020**. First report of leopard fossils from a limestone cave in Kenting area, southern Taiwan. PeerJ 9:12020. doi:10.7717/peerj.12020
7. Bi, S.*, Romain, A., de Fabrègues, C. P., Pittman, M., Lamanna, M. C., Yu, Y., Yu, C., **Yang, T.-R**., Zhang, S., Zhao, Q., Xu, X.* **2020**. An oviraptorid preserved atop an embryo-bearing egg clutch sheds light on the reproductive biology of non-avialan theropod dinosaurs. Science Bulletin 66:947-954. doi:10.1016/j.scib.2020.12.018
8. Xing, L.*, Niu, K., Zhang, L., **Yang, T.-R**., Zhang, J., Persons IV, W. S., Romililo, A., Dinosaur eggs associated from crustacean trace fossils from the Upper Cretaceous of Jiangxi, China - evidence of foraging behavior? Biosis: Biological Systems 1:54-59. doi:10.37819/biosis.001.002.0058
9. **Yang, T.-R.***, Samathi, A., Lallensack, J. N., Engler, T., Makowska M., Schillinger B. **2019**. Hatching asynchrony in oviraptorid dinosaurs reveals insights into their unique

nesting biology. Integrative Organismal Biology 1:obz303. doi:10.1093/iob/obz030
10. **Yang, T.-R.***, Wiemann, J., Cheng, Y.-N., Xu, L., and Wu, X.-C. **2019**. Reconstruction of oviraptorid clutches illuminates their unique nesting biology. Acta Palaeontologica Polonica 64:581-596. doi:10.4202/app.00497.2018
11. Wiemann, J.*, **T.-R. Yang**, M. A. Norell. **2019**. Reply to: Egg pigmentation probably has an Archosaurian origin. Nature 570:E46-E50. doi:10.1038/s41586-019-1283-3
12. Wiemann, J.*, Fabbri, M., **T.-R. Yang**, Stein, K., Sander, P. M., Norell, M. A. Briggs, D. E. G. **2018**. Fossilization transforms vertebrate hard tissue proteins into N-heterocyclic polymers. Nature Communications 9:4741. doi:10.1038/s41467-018-07013-3
13. Wiemann, J.*, **T.-R. Yang**, M. A. Norell. **2018**. Dinosaur egg color had a single evolutionary origin. Nature 536:555-558. doi:10.1038/s41586-018-0646-5
14. Zhang, S.*, **Yang, T.-R**., Li, Z., and Hu, Y. **2018.** New dinosaur egg material from Yunxian, Hubei Province, China resolves the classification of dendroolithid eggs. Acta Palaeontologica Polonica 63(4):671-678. doi:10.4202/app.00523.2018
15. **Yang, T.-R**.*, Chen, Y.-H., Wiemann, J., Spiering, B., and Sander, P. M. **2018**. Fossil cuticle elucidates dinosaur nesting ecology. PeerJ 6:e5144. doi:10.7717/peerj.5144
16. **Yang, T.-R**.* and Sander, P. M. **2018**. The origin of the bird's beak: New insights from dinosaur incubation periods. Biology Letters 14(5):20180090. doi:10.1098/rsbl.2018.0090
17. Wiemann, J.*, **Yang, T.-R.***, Sander, P. N., Engeser, M., Kath-Schorr, S., Müller, C. E., Schneider, M., and Sander, P. M. **2017**. Dinosaur origin of egg color: oviraptors laid blue-green eggs. PeerJ 5:e3706. doi:10.7717/peerj.3706