

2025

1. **Environmental Gradients Linked to Human Impacts, Not Species Richness, Drive Regional Variation in Community Stability in Coral Reef Fishes**

Tsai, C. H. & Connolly, S. R., 2025 4 月, 於: *Ecology Letters*. 28, 4, e70001.

2. **How to quantify interaction strengths? A critical rethinking of the interaction Jacobian and evaluation methods for non-parametric inference in time series analysis**

Miki, T., Chang, C. W., Ke, P. J., Telschow, A., Tsai, C. H., Ushio, M. & Hsieh, C. H., 2025 6 月, 於: *Physica D: Nonlinear Phenomena*. 476, 134613.

2024

3. **Empirical dynamic modeling for sustainable benchmarks of short-lived species**

Tsai, C. H., Munch, S. B., Masi, M. D. & Stevens, M. H., 2024 9 月 1, 於: *ICES Journal of Marine Science*. 81, 7, p. 1209-1220 12 p.

2023

4. **Predicting nonlinear dynamics of short-lived penaeid shrimp species in the Gulf of Mexico**

Tsai, C. H., Munch, S. B., Masi, M. D. & Pollack, A. G., 2023 1 月, 於: *Canadian Journal of Fisheries and Aquatic Sciences*. 80, 1, p. 57-68 12 p.

2022

5. **Fine intervals are required when using point intercept transects to assess coral reef status**

Kuo, C. Y., Tsai, C. H., Huang, Y. Y., Heng, W. K., Hsiao, A. T., Hsieh, H. J. & Chen, C. A., 2022 9 月 27, 於: *Frontiers in Marine Science*. 9, 795512.

6. **Rethinking the Prevalence and Relevance of Chaos in Ecology**
Munch, S. B., Rogers, T. L., Johnson, B. J., Bhat, U. & Tsai, C. H., 2022 11 月 2, 於: *Annual Review of Ecology, Evolution, and Systematics*. 53, p. 227-249 23 p.
 7. **Volatility in coral cover erodes niche structure, but not diversity, in reef fish assemblages**
Tsai, C. H., Sweatman, H. P. A., Thibaut, L. M. & Connolly, S. R., 2022 6 月, 於: *Science Advances*. 8, 24, eabm6858.
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2018

8. **Spatial genetic structure and body size divergence in endangered *Gymnogobius isaza* in ancient Lake Biwa**
Nakazawa, T., Liu, S. Y. V., Sakai, Y., Araki, K. S., Tsai, C. H. & Okuda, N., 2018 7 月 4, 於: *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*. 29, 5, p. 756-764 9 p.
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9. **ENSO and frost codetermine decade-long temporal variation in flower and seed production in a subtropical rain forest**
Chang-Yang, C. H., Sun, I. F., Tsai, C. H., Lu, C. L. & Hsieh, C. F., 2016 1 月 1, 於: *Journal of Ecology*. 104, 1, p. 44-54 11 p.
 10. **Predator-prey mass ratio revisited: does preference of relative prey body size depend on individual predator size?**
Tsai, C. H., Hsieh, C. H. & Nakazawa, T., 2016 12 月 1, 於: *Functional Ecology*. 30, 12, p. 1979-1987 9 p.
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2015

11. **Individual species-area relationship of woody plant communities in a heterogeneous subtropical monsoon rainforest**

Tsai, C. H., Lin, Y. C., Wiegand, T., Nakazawa, T., Su, S. H., Hsieh, C. H. & Ding, T. S., 2015 4 月 17, 於: *PLOS ONE*. 10, 4, e0124539.

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12. **Phytoplankton functional group dynamics explain species abundance distribution in a directionally changing environment**

Tsai, C. H., Miki, T., Chang, C. W., Ishikawa, K., Ichise, S., Kumagai, M. & Hsieh, C. H., 2014 12 月 1, 於: *Ecology*. 95, 12, p. 3335-3343 9 p.

2012

13. **Long-Term Changes in the Diet of *Gymnogobius isaza* from Lake Biwa, Japan: Effects of Body Size and Environmental Prey Availability**

Briones, J. C., Tsai, C. H., Nakazawa, T., Sakai, Y., Papa, R. D. S., Hsieh, C. H. & Okuda, N., 2012 12 月 28, 於: *PLOS ONE*. 7, 12, e53167.

2011

14. **Annual variations in length-weight relationship of *Gymnogobius isaza* (Tanaka, 1916) from Lake Biwa, Japan**

Nakazawa, T., Tsai, C. H., Ishida, N. & Kato, M., 2011 8 月, 於: *Journal of Applied Ichthyology*. 27, 4, p. 1135-1136 2 p.