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研究專長：生物化學、生理學、珊瑚生物學

研究領域：刺絲胞動物和共生藻類之間的共生相互作用、珊瑚白化和熱馴化/適應

### Selected recent publications :

1. Keshavmurthy S, HS Tee, K-W Kao, **J-T Wang\***, CA Chen\* (2020) Specificity trumps flexibility—location-based stable associations between Symbiodiniaceae genera and *Platygyra verweyi* (Scleractinia; Merulinidae). *PeerJ* 8: e8791.
2. **Wang J-T\***, Wang Y-T, Keshavmurthy S, Meng P-J, Chen CA\* (2019) The coral *Platygyra verweyi* exhibits local adaptation to long-term thermal stress through host-specific physiological and enzymatic response. *Sci Rep* 9: 13492.
3. Keshavmurthy S, Kuo C-Y, Huang Y-Y, Carballo-Bolaños R, Meng P-J\*, **Wang J-T\***, Chen CA\* (2019) Coral reef resilience in Taiwan: Lessons from long-term ecological research on the coral reefs of Kenting National Park (Taiwan). *J Mar Sci Eng* 7: 388.
4. **Wang J-T\***, S Keshavmurthy, T-Y Chu, CA Chen (2017) Diverse response in *Symbiodinium* types to menthol and DCMU treatment. *PeerJ* 5: e3843; DOI 10.7717/peerj.3843.
5. **Wang J-T\***, C-M Hsu, C-Y Kuo, P-J Meng, S-J Kao, C A Chen\* (2015) Physiological outperformance at the morphologically-transformed edge of the cyanobacteriosponge, *Terpios hoshinota* (Suberitidae: Hadromerida), when confronting opponent corals. *PLoS ONE* 10(6): e0131509.