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近年發表著作：

- 1 **Huang, W.-J.*** Cai, W.-J. & Hu, X. (2021). Seasonal Mixing and Biological Controls of Carbonate System in a River-Dominated Continental Shelf Subject to Eutrophication and Hypoxia in the northern Gulf of Mexico. *Frontiers in Marine Science*. (IF:3.661)
- 2 **Huang, W.-J.***, Kao, K.-J., Lin, Y.-S., Chen, C.T.A., & Liu, J.T. (2020) Daily to weekly impacts of mixing and biological activity on carbonate dynamics in a large river-dominated shelf. *Estuarine, Coastal and Shelf Science*, 245:106914. <https://doi.org/10.1016/j.ecss.2020.106914>
- 3 **Huang, W.-J.***, Cai, W.-J., Xie, X., & Li, M. (2019) Wind-driven lateral variations of partial pressure of carbon dioxide in a large estuary. *Journal of Marine Systems*, 195, 67-73. <https://doi.org/10.1016/j.jmarsys.2019.03.002>
- 4 **Huang, W.-J.***, Kao, K.-J., Liu, L.-L., Liao, C.-W., & Han, Y.-L. (2018). An assessment of direct dissolved inorganic carbon injection to the coastal region: A model result. *Sustainability*, 2018, 10(4), 1174. (IF: 2.576)
- 5 **Huang, W.-J.**, Cai, W.-J., Wang, Y., Lohrenz, S.E., & Murrell, M.C. (2015) The carbon dioxide system on the Mississippi River-dominated continental shelf in the northern Gulf of Mexico: 1. Distribution and air-sea CO₂ flux. *Journal of Geophysical Research Oceans*, 120, 1429-1445. <https://doi.org/10.1002/2014JC010498>