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Selected recent publications :

1. Loh, P.S., Chen, C.T.A., Huang, T.H., **Lui, H.K.**, Lou, J.Y., Yuan, H.W., Cheng, L.X., Chen, X.G., Chen J.F. , Monitoring sediment and water chemistry in small remote aquatic systems in East Sepik Province, Papua New Guinea, *Water, Air, & Soil Pollution*, (SCI, IF: 2.52, accepted)
2. **Lui, H.K.***, Liu, M.Y., Lin, H.C., Tseng, H.C., Liu, L.L, Wang, F.Y., Hou, W.P., Chang, Rae, and Chen, C.T.A.*, Hydrogeochemistry and acidic property of submarine groundwater discharge around two coral islands in the northern South China Sea, *Frontiers in Earth Science*,9:697388 (SCI, IF: 3.23) <https://doi.org/10.3389/feart.2021.697388>
3. Yang, B., Gao, X., Zhao, J. Liu, Y., **Lui, H.K.**, Huang, T.H., Chen, C.T.A.C, Xing, Q. 2021. Massive shellfish farming might accelerate coastal acidification: A casestudy on carbonate system dynamics in a bay scallop (*Argopecten irradians*) farming area, North Yellow Sea. *Science of the Total Environment*, 798:149214. (SCI, IF: 7.96) <https://www.sciencedirect.com/science/article/pii/S004896972104287X>
4. Lu, K.T., **Lui, H.K.***, Chen, C.T.A.* , Liu, L.L., Yang, L., Dong, C.D., Chen, C.W. 2021. Using onboard-produced drinking water to achieve a ballast-free management. *Sustainability*; 13(14): 7648 (SCI, IF: 3.251) <https://www.mdpi.com/2071-1050/13/14/7648/pdf>
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9. Liu, L.L., Hsieh, C.Y., Kuo, M.Y., Chen, C.S., Shau, Y.H., **Lui, H.K.**, Yuan, C.S., Chen, C.T.A.* 2020. Evidence for Fossil-fuel PM1 Accumulation in Marine Biota, Environmental Science & Technology; 54(7), 6068-4078.
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