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研究領域：第四紀氣候與海洋環境變化、陸源有機物質源匯系統探討、海洋快速沉積事件研究

Selected recent publications :

1. Lin, T.-w., Kaboth-Bahr, S., Yamoah, K.A., Bahr, A., Burr, G., **Chang, Y.-P.**, Li, H.C., Su, C.-C., Yam, R.S.W., Löwemark, L., 2021. East Asian winter monsoon variation during the last 3,000 years as recorded in a subtropical mountain lake, northeastern Taiwan. *The Holocene*, doi:10.1177/09596836211019094. (SCI)
2. Zou, J., **Chang, Y.-P.**, Zhu, A., Chen, M.-T., Kandasamy, S., Yang, H., Cui, J., Yu, P.-S., Shi, X., 2021. Sedimentary mercury and antimony revealed orbital-scale dynamics of the Kuroshio Current. *Quaternary Science Reviews*, 265, 107051, doi:10.1016/j.quascirev.2021.107051. (SCI)
3. Wang, L.-C., Chou, Y.-M., Chen, H.-F., **Chang, Y.-P.**, Chiang, H.-W., Yang, T.-N., Shiau, L.-J., Chen, Y.-G., 2021. Paleolimnological evidence for lacustrine environmental evolution and paleo-typhoon records during the late Holocene in eastern Taiwan. *Journal of Paleolimnology*, doi:10.1007/s10933-020-00153-x. (SCI)
4. Shen, X., Jian, X., Li, C., Liu, J.T., **Chang, Y.-P.**, Zhang, S., Mei, H., Fu, H., Zhang, W., 2021. Submarine topography-related spatial variability of the southern Taiwan Strait sands (East Asia). *Marine Geology*, 436, 106495, doi:10.1016/j.margeo.2021.106495. (SCI)
5. Huang, Y.-S., Hsu, S.-K., Su, C.-C., Lin, A. T.-S., Yu, P.-S., Babonneau, N., Ratzov, G., Lallemand, S., Lin, S.-S., Huang, P.-C., Lin, J.-Y., Wei, K.-Y., **Chang, Y.-P.**, Yu, N.-T., Tsai, C.-H., 2021. Shallow gas hydrates off southwest Taiwan and their mechanisms. *Marine Geophysical Research*, 42(7), doi:10.1007/s11001-021-09429-x. (SCI)
6. Chien, C.-W., **Chang, Y.-P.**, Yang, K.-M., 2020. Cyclohelena Formosaensis Gen. Nov. ET SP. Nov.: a New Benthic foraminifer from Southern Taiwan. *Journal of Foraminiferal Research*, 50(3), doi:10.2113/gsjfr.50.3.301. (SCI)
7. Wang*, L.-C., **Chang, Y.-P.**, Li, H.-C., Chen, S.-H., Wu, J.-T., Lee, T.-Q., Shiau, L.-J., 2020. Revealing the vegetation, fire and human activities in the lowland of eastern Taiwan during Late Holocene. *Quaternary International*, 544, 32-40, doi:10.1016/j.quaint.2018.08.003. (SCI)
8. Liu*, J., Huang, B., Su, C.-C., Lee, J., Hung, J.-J., Hsu, R.T., Yang, R.J., Lin, S., Du, X., Liu, X., Chang, Y., **Chang, Y.-P.**, 2019. Three-dimensional coupling between size-fractionated chlorophyll-a, POC and physical processes in the Taiwan Strait in summer. *Progress in Oceanography*, 176, doi:10.1016/j.pocean.2019.102129. (SCI)
9. Deng, K., Yang*, S., Bi, L., **Chang, Y.-P.**, Su, N., Frings, P., Xie, X., 2019. Small dynamic mountainous rivers in Taiwan exhibit large sedimentary geochemical and provenance heterogeneity over multi-spatial scales. *Earth and Planetary Science Letters*, 505, 96-109, doi:10.1016/j.epsl.2018.10.012. (SCI)
10. Hung*, J.-J., Yeh, H.-Y., Peng, S.-H., **Chang, Y.-P.**, Hwang, J.-S., 2018. External-forcing modulation on temporal variations of hydrothermalism-evidence from sediment cores in a submarine venting field off northeastern Taiwan. *PLoS One*, 13(11), doi:10.1371/journal.pone.0207774. (SCI)

11. Chuang, C.-K., Lo*, L., Zeedenc, C., Chou, Y.-M., Wei, K.-Y., Shen, C.-C., Mii, H.-S., **Chang, Y.-P.**, Tung, Y.-H., 2018. Integrated stratigraphy of ODP Site 1115 (Solomon Sea, southwestern equatorial Pacific) over the past 3.2Ma. *Marine Micropaleontology*, 144, 25-37, doi:10.1016/j.marmicro.2018.09.003. (SCI)
12. Li, D.-W., **Chang, Y.-P.**, Li, Q., Zheng, L., Ding, X., Kao*, S.-J., 2018. Effect of sea-level on organic carbon preservation in the Okinawa Trough over the last 91 kyr. *Marine Geology*, 399, 148-157, doi:10.1016/j.margeo.2018.02.013. (SCI)
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16. Zhao, Y., Yang*, S., Liu, J.T., **Chang, Y.-P.**, 2017. Reconstruction of silicate weathering intensity and paleoenvironmental change during the late Quaternary in the Zhuoshui River catchment in Taiwan. *Quaternary International*, 452, 43-53, doi:10.1016/j.quaint.2016.05.025. (SCI)
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23. Permanawati, Y., Prartono, T., Atmadipoera, A.S., Zuraida, R., **Chang, Y.-P.**, 2016. Core Sediment Records to Predict Environmental Changes in Kangean Slope Waters. *Journal of Marine Geology*, 14(2), 65-77. (In Indonesian with English Abstract)
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