

## 學術著作目錄

## 1. SCI 期刊論文(\* corresponding author)

T. S. M. Amelia, W. M. A. W. M. Khalik, M. C. Ong, Y. T. Shao, **H. J. Pan\***, K. Bhubalan, 2021, Marine microplastics as vectors of major ocean pollutants and its hazards to the marine ecosystem and humans: *Progress in Earth and Planetary Science*. (**SCI; IF:2.508 ; Q2**).

W. Ye, S. Liu, D. Fan, H. Zhang, P. Cao, **H. J. Pan**, J. Li, X. Li, X. Fang, S. Khokiattiwong, N. Kornkanitnan, X. Shi, 2020, Evolution of sediment provenances and transport processes in the central Bay of Bengal since the Last Glacial Maximum: *Quaternary International*. (**SCI; IF:2.003 ; Q3**).

S. Liu, W. Ye, M. T. Chen, **H. J. Pan**, P. Cao, H. Zhang, S. Khokiattiwong, N. Kornkanitnan, X. Shi, 2020, Millennial-scale variability of Indian summer monsoon during the last 42 kyr: Evidence based on foraminiferal Mg/Ca and oxygen isotope records from the central Bay of Bengal: *Palaeogeography Palaeoclimatology Palaeoecology*. ((**SCI; IF: 2.833; Q1(領域 Paleontology)**)).

H. Shaari, Q. M. Nasir, **H. J. Pan\***, C. A. R. Mohamed, A. H. Yusoff, W. M. A. W. M. Khalik, E. Naim, R.Y. Setiawan, E. J. Anthony, 2020, Sedimentation and sediment geochemistry in a tropical mangrove channel meander, Sungai Kerteh, Peninsular Malaysia: *Progress in Earth and Planetary Science*. (**SCI; IF: 2.508; Q2**).

**H. J. Pan\***, M. T. Chen, D. M. Kong, X. P. Lin, K. T. Wong, H. L. Tsai, S. F. Liu, X. F. Shi, Y. Yokoyama, 2020, Surface Ocean Hydrographic Changes in the Western Pacific Marginal Seas since the Early Holocene: *Frontiers in Earth Science*, DOI: 10.3389/feart.2020.00200 (**SCI; IF: 2.689; Q2**).

H. F. Chen, Y.C. Liu, C.W. Chiang, X. Liu, Y.M. Chou, **H. J. Pan**, 2019 China's historical record when searching for tropical cyclones corresponding to Intertropical Convergence Zone (ITCZ) shifts over the past 2kyr: *Climate of the Past*, DOI: 10.5194/cp-15-279-2019 (**SCI; IF: 3.536; Q1**).

S. F. Liu, B. B. Mi, X. Fang, X.Y. Li, **H. J. Pan**, M. T., Chen, 2017, A preliminary study of a sediment core drilled from the mud area on the inner shelf of the East China Sea: Implications for paleoclimatic changes during the fast transgression period (13 ka B.P.–8 ka B.P.): *Quaternary International*, DOI: 10.1016/j.quaint.2016.09.057 (**SCI; IF: 2.199; Q3**).

B. B. Mi, S. F. Liu, X. F. Shi, X. Y. Li, **H. J. Pan**, M. T. Chen, X. C. Wang, 2017, A high resolution record of rare earth element compositional changes from the mud deposit on

the inner shelf of the East China Sea: Implications for paleoenvironmental changes: *Quaternary International*, DOI: 10.1016/j.quaint.2016.09.056 (*SCI; IF:2.199; Q3*).

**H. J. Pan**, P. S. Yu and M. T. Chen, 2015, Testing the uncertainty of diffuse reflectance components by full-resolution spectrophotometry and principle component analysis: *Journal of Asian Earth Science*, v.114, p. 526-533, DOI: //dx.doi.org/10.1016/j.jseaes.2015.06.029 (*SCI; IF: 3.059; Q2*).

**H. J. Pan**, P. S. Yu and M. T. Chen, 2014, A marine sediment component interpretation based on diffuse reflectance spectrophotometry from northern South China Sea sediment core MD972148: *Quaternary International*, v.333, p. 20-25, DOI: 10.1016/j.quaint.2014.03.063 (*SCI; IF: 2.119; Q3*).

**H. J. Pan**, and M. T. Chen, 2013, Evaluating color reflectance spectral methods for estimating biogenic contents of South China Sea sediments: *Journal of Asian Earth Science*, v.69, p. 121-132, DOI: 10.1016/j.jseaes.2012.11.039 (*SCI; IF: 3.059; Q2*).

## 2. EI 期刊論文

## 3. 其他學術性期刊論文

## 4. 國際會議出版論文

**H. J. Pan** and M. T. Chen, 2017, Sediment contribution in different spatial and temporal scale off Southwestern Taiwan since 50 kyr BP based on VNIR reflectance derivative spectroscopy. *5<sup>th</sup> PAGES OPEN SCIENCE MEETING, Global Challenges for Our Common Future: a paleoscience perspective. Zaragoza, Spain. (Poster)*

**H. J. Pan**, JD. Ortiz, P. S. Yu and M. T. Chen, 2016, Spatial and temporal variations of clay mineral records off Southwestern Taiwan since 50 kyr BP based on VNIR reflectance derivative spectroscopy. *12<sup>th</sup> International Conference on Paleoceanography, Utrecht, Netherland. (Poster)*

**H. J. Pan**, P. S. Yu and M. T. Chen, 2015, Assessing age uncertainty and sensitivity of AMS carbon dating inferred by CALIB and OXCAL radiocarbon calibrations on core MD178-103264. *The 6th East Asia Accelerator Mass Spectrometry Symposium. Taiwan (Poster)*

**H. J. Pan** and M. T. Chen, 2014, Acquiring sediment and element compositional changes

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**H. J. Pan** and M. T. Chen, 2013, Application of Optical Methods for Acquiring Sediment and Element Compositional Changes from offshore Southwestern Taiwan. *11<sup>th</sup> International Conference on Paleoceanography. Barcelona, Spain. (Poster)*

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C. J. Liao, **H. J. Pan**, P. S. Yu, C. C. Chou, M. T. Chen and S. Y. Liu, 2013, Clay mineral component changes estimated by diffuse spectral reflectance: A case study in the southern South China Sea sediment. *Western Pacific Paleoceanography IMAGES Workshop III: Taiwan Quaternary: Ocean Perspective from the Holocene to Anthropocene, Kaohsiung, Taiwan. (Poster)*

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