施詠嚴老師

期刊論文

項次	期刊論文名稱
1	Chou WC, Lee Chen YL, David Der-Duen Sheu, Shih YY, Han CA, Cho CL, Tseng CM, Yang YJ, Estimated net community production during the summertime at the SEATS time-series study site, northern South China Sea: Implications for nitrogen fixation (2006, Nov). Geophysical Research Letters, 33(22), L22610. (SCI, 10/131,GEOSCIENCES, MULTIDISCIPLINARY). doi: 10.1029/2005GL025365
2	Chen KS, Hung CC, Gong GC, Chou WC, Chung CC, **Shih YY**, Wang CC, Enhanced POC export in the oligotrophic northwest Pacific Ocean after extreme weather events. Geophysical Research Letters, 40(21) (2013), 5728–5734, doi: 10.1002/2013GL058300.
3	**Shih YY**, Hsieh JS, Gong GC, Hung CC, Chou WC, Lee MA, Chen KS, Chen MH, Wu CR, Field observations of changes in SST, chlorophyll and POC flux in the southern East China Sea before and after the passage of Typhoon Jangmi. Terrestrial, Atmospheric and Oceanic Sciences 24(2013), 899–910, doi: 10.3319/TAO.2013.05.23.01(Oc).
4	Hung CC, Gong GC, Lee MA, Liao CH, Chang Y, **Shih YY**, Chen KS, Chen MH, Santschi PH, Impacts of typhoons on nutrient supply and potential fish production in the southern East China Sea, Typhoon Impact and Crisis Management. Advances in Natural and Technological Hazards Research, Springer Berlin Heidelberg, 40 Chapter 13 (2014), 267-282.
5	**Shih YY,** Hung CC, Gong GC, Chung WC, Wang YH, Lee IH, Chen KS, Ho CY, Enhanced particulate organic carbon export at eddy edges in the oligotrophic western north pacific ocean, PLoSONE, 10(7) (2015), e0131538. doi:10.1371/journal.pone.0131538.
6	Hung CW, Huang KH, **Shih YY**, Lin YS, Chen HH, Wang CC, Ho CY, Hung CC*, Burdige DJ, Benthic fluxes of dissolved organic carbon from gas hydrate sediments in the northern South China Sea (2016). Scientific Reports 6: 29597. (SCI, Impact Factor = 4.122)
7	Li D, Chou WC, **Shih YY**, Chen GY, Chang Y, Chow CH, Lin TY, Hung CC*, Elevated particulate organic carbon export flux induced by internal waves in the oligotrophic northern South China Sea (2018). *Scientific Reports* 8: 2042. (SCI, Impact Factor = 4.122)
8	**Shih YY**, Lin HH, Li D, Hsieh HH, Hung CC*, Chen CTA, Elevated carbon flux in deep waters of the South China Sea (2019). Scientific Reports 9: 1496. (SCI, Impact Factor = 4.122)
9	**Shih YY**, Hung CC*, Huang SY, Muller FLL, Chen YS, Biogeochemical variability of the upper ocean response to typhoons and storms in the northern South China Sea (2020). Frontiers in Marine Science, 7:151. doi: 10.3389/fmars.2020.00151
10	**Shih YY**, Hung CC*, Tuo SH, Shao HJ, Chow CH, Muller FLL, Cai YY, The Impact of Eddies on Nutrient Supply, Diatom Biomass and Carbon Export in the Northern South China Sea (2020). Frontiers in Earth Science, 8:537332. doi: 10.3389/feart.2020.537332
11	Hsieh HH, Chuang MH, **Shih YY**, Weerakkody WS, Huang WJ, Hung CC, Muller FLL, Ranatunga RRMKP, Wijethunga DS, Eutrophication and hypoxia in tropical Negombo Lagoon, Sri Lanka (2021). Frontiers in marine science, 8:678832. doi:10.3389/fmars.2021.678832
12	Chow CH, **Shih YY**, Chien YT, Chen JY, Fan N, Wu WC, Hung CC, The wind effect on biogeochemistry in eddy cores in the Northern South China Sea (2021). Frontiers in Marine Science 8:717576. doi: 10.3389/fmars.2021.717576
13	**Shih YY**, Shiah FK, Lai CC, Chou WC, Tai JH, Wu YS, Lai CY, Ko CY, Hung CC, Comparison of primary production using *in situ* and satellite-derived values at the SEATS

	station in the South China Sea. Frontiers in Marine Science 8:747763. doi: 10.3389/fmars.2021.747763

研討會論文

項次	研討會	發表年分
1	**Shih, Y. Y.**, Hung, C. C. "Fluxes of particulate organic carbon collected from mesoscale eddies in the northern South China Sea" *2017 South China Sea Science Conference*（2017 南海科學研討會）, June 3-8, 2017, Kaohsiung, Taiwan.	2017
2	**Shih, Y. Y.**, Hung, C. C. "A bias of the VGPM in estimation of primary production in the northern South China Sea" *2017 ICEO & SI, International Conference on Earth Observations and Societal Impacts*（2017 地球觀測及社會衝擊國際研討會）, June 25-27, 2017, Yilan, Taiwan.	2017
3	**Shih, Y. Y.**, Hung, C. C. "Particulate organic carbon fluxes triggered by mesoscale eddies in the northern South China Sea" *Asia Oceania Geosciences Society 14th Annual Meeting 2017 (AOGS 2017)*（第 14 屆亞洲大洋洲地球科學年會）, August 6-11, 2017, Singapore.	2017
4	**Shih, Y. Y.**, Hung, C. C. "Re-evaluated riverin nutrients from small mountainous rivers after typhoons in Taiwan" *The 7th workshop on the monitoring and forecasting technologies of marine hazards and environments*（第 7 屆海洋環境監測及預報技術研討會）, October 24-25, 2017, Penghu, Taiwan.	2017
5	**Shih, Y. Y.** "Episodic events affecting integrated chlorophyll and carbon fixation in the northern South China Sea" *2018 Ocean Sciences Conference*（2018 年海洋科學年會）, May 2-3, 2018, Taipei, Taiwan.	2018
6	**Shih, Y. Y.**, Hung, C. C. "Influences of surface chlorophyll *a* on the estimation of remote carbon fixation in the marginal northern South China Sea" *Asia Oceania Geosciences Society 15th Annual Meeting 2018 (AOGS 2018)*（第 15 屆亞洲大洋洲地球科學年會）, June 3-8, 2018, Hawaii, U.S.	2018
7	**Shih, Y. Y.** "*In situ* and remote primary production in the northern South" *PAMS 2019, 20th Pacific Asian Marginal Seas Meeting,*（2019 亞太邊緣海會議）, *March* 19-22, 2019, Kaohsiung, Taiwan.	2019

8	**Shih, Y. Y.** “Chlorophyll and carbon fluxes induced by typhoons and strong winds in the northern South China Sea” *2019 Ocean Sciences Conference*（2019 年海洋科學年會）, May 14-17, 2019, Taipei, Taiwan.	2019
9	**Shih, Y. Y.** “Biogeochemical responses of eddies in the northern South China Sea” *Asia Oceania Geosciences Society 16th Annual Meeting 2019 (AOGS 2019)*（第 16 屆亞洲大洋洲地球科學年會）, July 28 – August 2, 2019, Singapore.	2019
10	**Shih, Y. Y.** “Assessing potential uncertainties of VGPM-primary-production estimated from remote and in-situ observations in the northern South China Sea” *2021 Ocean Sciences Conference*（2021 年海洋科學年會）, April 28-30, 2021, Taipei, Taiwan.	2021