

曾聖澧教授 (ShengLi Tzeng) (106 年畢業，107 年 8 月到校)

(A) 期刊論文

1. ShengLi Tzeng, Jun Zhu, Weisman, Amy J. Weisman, Tyler J. Bradshaw, and Robert Jeraj. *Spatial process decomposition for quantitative imaging biomarkers using multiple images of varying shapes*. *STATISTICS IN MEDICINE*, 40(5):1243-1261, 2021. [SCIE, NSYSU].
2. Guowen Huang, Ling-Jyh Chen, Wen-Han Hwang, ShengLi Tzeng, and Hsin-Cheng Huang. *Real-time PM 2.5 mapping and anomaly detection from AirBoxes in Taiwan*. *ENVIRONMETRICS*, 29(8):e2537, 2018. [SCI, NSYSU]
3. Un Jung Lee, ShengLi Tzeng, Yu-Chuan Chen, and James J. Chen. *Prognostic and predictive signatures for treatment decisions*. *BIOMARKERS IN MEDICINE*, 12, 849-859, 2018. [SCI]
4. ShengLi Tzeng and Hsin-Cheng Huang. *Resolution adaptive fixed rank kriging*. *TECHNOMETRICS*, 60, 198-208, 2018. [SCI]
5. ShengLi Tzeng, Christian Hennig, Yu-Fen Li, and Chien-Ju Lin. *Dissimilarity for functional data clustering based on smoothing parameter commutation*. *STATISTICAL METHODS IN MEDICAL RESEARCH*, 0962280217710050, 2017. [SCI]
6. ShengLi Tzeng and Hsin-Cheng Huang. *Non-stationary multivariate spatial covariance estimation via low-rank regularization*. *STATISTICA SINICA*, 25, 151-171, 2015 [SCI]
7. James J. Chen, Chen-An Tsai, ShengLi Tzeng, and Chun-Houh Chen. *Gene selection with multiple ordering criteria*. *BMC BIOINFORMATICS*, 8, 74, 2007. [SCI]
8. ShengLi Tzeng, Hsin-Cheng Huang, and Noel Cressie. *A fast, optimal spatial-prediction method for massive datasets*. *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*, 100, 1343-1357, 2005. [SCI]

(B) 專書及其他著作

1. ShengLi Tzeng, Han-Ming Wu, and Chun-Houh Chen (2009). *Selection of proximity measures for matrix visualization of binary data*. In *Biomedical Engineering and Informatics, 2009. BMEI'09. 2nd International Conference on IEEE*, pp. 1-9.
2. Han-Ming Wu, ShengLi Tzeng, and Chun-Houh Chen (2008). *Matrix visualization*. In *Handbook of Computational Statistics: Data Visualization*, Chen CH, Härdle W, Unwin A (eds). Berlin: Springer-Verlag, pp. 681-708.