

蔡良庭教師

學術著作目錄

三、研討會論文

國際研討會論文

1. Wu, C. K., & **Tsai, L. T.** (2022). An Overview of the Promotion and Development of Marine General Education in Taiwan. Taiwan International Ocean Forum 2022. Taiwan
2. Lin, Y. H., & **Tsai, L. T.** (2020). Psychometric properties of mathematics reading assessment based on SEM and IRT. Auckland International Conference on Social Sciences, Education, Entrepreneurship and Technology. Auckland, New Zealand.
3. **Tsai, L. T.**, & Chang, C. C. (2019). Study on the ocean literacy of Taiwan high school students based on the principle of NMEA ocean literacy. 2019 Asia Marine Educator Association. Tsangtao, China.
4. Liao, Y. Y., **Tsai, L. T.**, Yeh, T. K., & Chang, C. C. (2019). Improving Awareness of Marine Conservation and Sustainability among Taiwanese Middle School Students by Teaching Slow Fish Movement. 2019 Japan Geoscience Union Meeting 2018, Tokyo, Japan.
5. Tsao, C. J., Chang, C. C. & **Tsai, L. T.** (2018). A Comparative Analysis of Ocean Literacy Coverage in the Educational Standards of Taiwan and the USA. 2018 Japan Geoscience Union Meeting 2018, Tokyo, Japan.
6. **Tsai, L. T.** & Chang, C. C. (2018). Development of ocean literacy scale for high school students. 2018 Japan Geoscience Union Meeting 2018, Tokyo, Japan.
7. **Tsai, L. T.** & Chang, C. C. (2017). DLVQ method for assessing missing weights in CFA model. 82th International Meeting of the Psychometric Society (IMPS 2017), Zurich, Switzerland
8. **Tsai, L. T.**, Chang, C. C., & Wu, C. K. (2017). Development and validation of the ocean literacy scale for senior high school students. The ninth Asian Conference on Education (ACE2017); Kobe, Japan.

9. Wu, C. K. & **Tsai, L. T.** (2017). Marine education system in Taiwan. International Symposium Fisheries Science for Further Generations. Tokyo, Japan.
10. **Tsai, L. T.** (2016). Using the dynamic method to adjust sampling weights in an educational survey research. The Eighth Asian Conference on Education (ACE2016); Kobe, Japan.
11. **Tsai, L. T.**, Wu, C. K., & Lin, J. S. (2016). Development of Chinese version of marine affective scale for junior high school students. The Eighth Asian Conference on Education (ACE2016); Kobe, Japan.
12. **Tsai, L. T.** & Yang, C. C. (2015). Investigating big-fish-little-pond effect on students' self-concept of learning mathematics of eighth-grade Taiwanese students. 13th European Conference on Psychological Assessment; Zurich, Switzerland.
13. **Tsai, L. T.** & Yang, C. C. (2014). Correction for unit nonresponse in latent variable modeling with big data. Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data. Maryland, USA.
14. **Tsai, L. T.** & Yang, C. C. (2013). Survey nonresponse adjustments for estimates of CFA parameter. The 5th Conference of the European Survey Research Association (ESRA 2013). Ljubljana, Slovenia.
15. Shih, Y. S., **Tsai, L. T.**, & Yang, C. C. (2012). Exploring the factor effect of learning vector quantization in artificial neural networks. The 2nd International Conference on Engineering and Technology Innovation. Kaohsiung, Taiwan .
16. Lyu, S. Y., **Tsai, L. T.**, & Peng, E. Y. (2012). Trends in adult smoking behavior from 2004 to 2007. The American Public Health Association 140th Annual Meeting, San Francisco DC, U.S.A.
17. **Tsai, L. T.**, Yang, C. C., Lyu, S. Y., & Peng, E. Y. (2011). Development of a scale to assess physical inactivity among housewives. The American Public Health Association 139th Annual Meeting, Washington DC, U.S.A.
18. **Tsai, L. T.**, & Yang, C. C. (2011). An assessment of missing data of confirmatory factor analysis with categorical questionnaires. 4th Conference of the European Survey Research Association (ESRA 2011), Lausanne, Switzerland.
19. **Tsai, L. T.**, & Yang, C. C. (2010). Using LVQ-ESW method to interpolate missing stratum weights in assess of measurement invariance. 75th International Meeting of the Psychometric Society (IMPS 2010), U.S.A.

20. Chen, C. U. C., **Tsai, L. T.**, Yang, C. C., & Yang, C. C. (2010). Latent variable models for assessing interaction effects in cognitive neuroscience. The 2010 3rd International Conference on BioMedical Engineering and Informatics. Yantai, China.
21. Chen, C. U. C., **Tsai, L. T.**, & Yang, C. C. (2010). A neural network approach for amplifying random samples to stratified psychometrical population. WSEAS International conference on Sociology, Psychology, Philosophy. (EI)
22. Peng, E. Y., Lyu, S. Y., Morisky, D. E., **Tsai, L. T.**, & Yu, P. T. (2010). Gender differences in substance abuse among juvenile inmates in Taiwan. The American Public Health Association 138th Annual Meeting, Denver, CO, U.S.A.
23. Peng, E. Y., Yang, C. C., **Tsai, L. T.**, Morisky, D. E., Weng, Y. L., & Lyu, S. Y. (2010). Media behavior and correlates of perception of health information among female Taiwan residents. The American Public Health Association 138th Annual Meeting, Denver, CO, U.S.A.
24. Peng, E. Y., **Tsai, L. T.**, Lyu, S. Y., & Morisky, D. E. (2010). Psychiatric morbidity in juvenile incarcerated population. The American Public Health Association 138th Annual Meeting, Denver, CO, U.S.A.
25. Lyu, S. Y., Shih, F. Y., Peng, E. Y., Lo, W. M., Morisky, D. E., **Tsai, L. T.**, & Yang, Y. C. (2010). Earthquake emergency preparedness and gender issues: Perceptions of minority indigenous peoples versus non-indigenous. The American Public Health Association 138th Annual Meeting, Denver, CO, U.S.A.
26. Peng, E. Y., Lyu, S. Y., Lee, W. Y., Yang, C. C., Lo, L. Y., & **Tsai, L. T.** (2009). Special health care needs among school-age children with rare diseases. The American Public Health Association 137th Annual Meeting, Philadelphia, PA, U.S.A.
27. Peng, E. Y., Lyu, S. Y., Yang, C. C., Chen, S. F., & **Tsai, L. T.** (2009). Caregiver burden among caregivers for children with rare diseases. The 41st APACPH Conference, Taipei, Taiwan.
28. Peng, E. Y., Lyu, S. Y., Chi, Y. C., & **Tsai, L. T.** (2009). Prevalence and correlates of physical inactivity among housewives. The 41st APACPH Conference, Taipei, Taiwan.
29. Peng, E. Y., Lyu, S. Y., Yu, P. T., & **Tsai, L. T.** (2009). Correlates and accuracy of osteoporosis screening among female community residents. The 41st APACPH Conference, Taipei, Taiwan.
30. Chang, T. P., Liu, H. M., Lyu, S. Y., Peng, E. Y., & **Tsai, L. T.** (2009). Satisfaction of the crisis management regarding Sanlu melamine milk powder

incident among internet users. The 41st APACPH Conference, Taipei, Taiwan.

31. Yang, C. C., & **Tsai, L. T.** (2008). Estimated missing stratum weights on inferring population-wise CFA parameters. The 8th Survey Research Methodology Conference held in the Academia, Sinica, Taipei, Taiwan
32. Yang, C. C., & **Tsai, L. T.** (2008). Evaluating latent functional cortical regions interactions with structural equation modeling, The 14th annual meeting of the Organization Human Brain Mapping. (HBM 2008) Melbourne, Australia.
33. Yang, C. C., & **Tsai, L. T.** (2007). A simulation study on using MIMIC model to assess the accuracy of differential item functioning. Paper presented at Pacific Rim Objective Measurement Symposium (PROMS 2007), TaoYuan, Taiwan.
34. Yang, C. C., & **Tsai, L. T.** (2007). Weighting effects of stratified sampling procedures on the accuracy of DIF identifications. Paper was presented at the International Meeting of the Psychometric Society (IMPS 2007), Tokyo, Japan.
35. Yang, C. C., & **Tsai, L. T.** (2006). A simulation study on computation and inference accuracy of factor loadings for large data mines. The 6th WSEAS International Conference on Simulation, Modeling and Optization. Lisbon, Portugal, 2006.
36. Yang, C. C., & **Tsai, L. T.** (2006). Influences of sampling weights on SEM parameter estimation accuracy in large scale surveys, The 6th Survey Research Methodology Conference held in the Academia, Sinica, Taipei, Taiwan