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## 二、學術文章

### 研討會論文

1. Liao, H. W., **Chen, Y. C.\*** (2025, Mar). *Exploring the effects of Kahoot! on reading comprehension for students with autism spectrum disorders* [Poster presentation]. The 15th Asian Conference on Psychology & the Behavioral Sciences (ACP2025), Tokyo, Japan.
2. **Chen, Y. C.\***, Chou, C. H., & Chen, T. (2024, Mar). *Climate change and ocean sustainability education: Enhancing teachers' ocean literacy, environmental awareness, and environmental behaviors* [Poster presentation]. The 10th Asian Conference on Education & International Development (ACEID2024), Tokyo, Japan.
3. **Chen, Y. C.\*** (2023, Nov). *The important but less emphasized spatial competence in learning astronomy: Decoding domain-specific intrinsic-static spatial information* [Poster presentation]. The 15th Asian Conference on Education (ACE2023), Tokyo, Japan.
4. Chiu, T., **Chen, Y. C.**, Tien, C. H., Lin, Y. T., Chen, Z. H. & Wu, C. C.\* (2019, Jun). *Cognitive neuroscience of program comprehension* [Paper presentation]. The 7th International Workshop on Advanced Learning Sciences (IWALS), Jyväskylä, Finland.
5. Chen, Y. W., **Chen, Y. C.**, Chen, Z. H., Lin, Y. T., & Wu, C. C. \* (2019, Jun). *Programming in a game-based environment: performance, working memory, and area of attention* [Paper presentation]. The 7th International Workshop on Advanced Learning Sciences (IWALS), Jyväskylä, Finland.
6. **Chen, Y. C.\*** & Yang, F. Y. (2017, Oct). *Exploring the associations among spatial ability, prior knowledge and science learning achievement* [Paper presentation]. Asian Conference on Education (ACE), Kobe, Japan.
7. **陳怡君\***與楊芳瑩（2016，12月）。初探個人科學認識信念與科學學科表現及知識結構的關係—以天文主題為例 [口頭發表]。The Second International Conference for Personal Epistemology and Learning. 國立臺灣科技大學，臺北市，臺灣。
8. **Chen, Y. C.\*** & Yang, F. Y. (2014, Apr). *Exploring cognitive processes in solving 3D rotation problems and the relation to science concept learning* [Paper presentation]. National Association of Research in Science Teaching (NARST), Pittsburgh, USA.
9. **陳怡君\***與金若蘭（2012，12月）。國中數理資優生的地球科學課程設計初探—結合科學教育理念的教學[口頭發表]。第28屆科學教育國際研討會。國立臺北教育大學，臺北市，臺灣。

10. **Chen, Y. C.\*** & Yang, F. Y. (2011, Aug). *Exploring the graphical representations in the high-school earth science textbooks* [Paper presentation]. European Association for Research on Learning and Instruction (EARLI), Exeter, England.
11. **陳怡君\***、張俊彥與楊芳瑩（2008，12月）。探討後設認知與問題解決相關因素之關係—以土石流 CAI 問題解決課程為例 [口頭發表]。第 24 屆科學教育國際研討會。國立彰化師範大學，彰化市，臺灣。
12. Chang, C. Y.\*, **Chen, Y. C.** & Yeh, T. K. (2007, Dec). *Research on the development of hazards-mitigation related teaching resources and outreach program in the secondary school* [Poster presentation]. 2007 International Symposium on Education Disaster Prevention, Taipei, Taiwan. **This paper won the Outstanding Poster Award.**
13. Chang, C. Y.\*, Barufaldi, J. P., Lin, M. C., **Chen, Y. C.** & Jhan, J. Y. (2005, Jun). *Online assessing tenth-grade students' problem solving ability in the area of Earth Sciences* [Paper presentation]. ED-MEDIA 2005-World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montreal, Canada.