

Hsin I Yung

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Education

Pennsylvania State University

Ph.D. Graduated: 2008

Pennsylvania State University

M.S. Graduated: 2002

Work Experience

Research Assistant, Education Technology Services , Pennsylvania State University

Awards

- Teaching Excellence Award

Professional Affiliations

- American Educational Research Association (AERA)
- Association for Educational Communications and Technology (AECT)

Research Interests

- Cognitive Load

- Instructional design
- Digital Parenting

Publications

- 楊心怡、曹晉維 (2023). "以 ADDIE 模式發展國小高年級數位閱讀素養課程之研究". 臺灣教育評論月刊, 12(10), pp. 193-208.
- 吳宜玲、楊心怡、吳昭容、陳柏熹 (2022). "三至九年級學生數學運算能力等化測量與多向度分析". 清華教育學報, Vol. 38, No. 2, pp. 111-150.

- "探討電腦教學助教對不同程度學習者降低外在認知負荷", 教育學刊, 44, 2016/06, TSSCI
- "Effects of Computer-Based Visual Representation on Mathematics Learning and Cognitive Load", Educational Technology & Society, 18, 4, 70-77, 2015/10, SSCI
- "Effects of Cueing by a Pedagogical Agent in an Instructional Animation: A Cognitive Load Approach", The Journal of Educational Technology and Society, 2015, SSCI
- "問題導向學習對大學生問題解決能力及自我導向學習之研究", 教育科學期刊, 60, 1, 131-155, 2015/03, TSSCI
- "從認知負荷觀點探討鷹架輔助遊戲式學習於人體血液循環之研究", 教育傳播與科技研究, 106, 4, 65-80, 2013/12, ELSE1
- "Prezi 簡報軟體之縮放功能對國小社會學習領域學生 學習動機及學習成效之影響", 教育傳播與科技研究, 105, 4, 57-68, 2013/09, ELSE1
- "未來教室之 IGCS 應用於國中英語教學", 教育科技與學習, 1, 1, 2013/01, ELSE1
- "合作學習輔以電子書包在國小四年級國語文學習之研究", 教學科技與媒體, 102, 61-78, 2012/12, ELSE1
- "創新學習：資訊科技的應用與實踐", 教學科技與媒體, 100, 2-7, 2012/07, ELSE1
- "Effects of an animated pedagogical agent with instructional strategies in multimedia", Journal of educational media and hypermedia, 19, 1, 2010/01,
- "Effects of animated agent with instructional strategies in facilitating student achievement on different educational objectives in multimedia learning.", International Journal of Instructional Media, 37, 1, 2009/08
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Conference Papers

- "三至九年級學生數學科跨年度運算能力等化測量", 中國測驗學會年會暨學術推廣工作坊, 新北市, 2020/06/01
- "Decreasing extraneous cognitive load : effects of the pedagogical agent", The 14th IASTED International Conference on Computers and Advanced Technology in Education, Cambridge, 2011/07/11
- "Learning biology with the animated agent in game based learning environment", 10th IEEE International Conference on Advanced Learning Technologies, Tunisia, 2010/07/05
- "Integrating the pedagogical agent with eye tracking system to measure extraneous cognitive load", World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Vancouver, 2009/10/26
- "The role of the animated agent and instructional scaffolding strategies as moderator between instructional design and cognitive loa", The third Cognitive Load Conferenc, Herrlen, 2009/03/01

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