

楊叔卿 學習科學與科技研究所

研究成果目錄

2022/11/22

A. 期刊論文 (Journal Papers)

1. Uanhoro, J., & Young, S. S.-C*. (2022). Investigation of the effect of badges in the online homework system for undergraduate general physics course. *Education Sciences*, 12, 217. (13 pages) <https://doi.org/10.3390/educsci12030217> (*Corresponding author) (ESCI, Scopus Journal) (<https://www.mdpi.com/2227-7102/12/3/217>)
2. Young, S. S.-C*, & Hung, K. J. (2022). A study of development of the homework system to improve teaching and learning effectiveness of college General Physics courses. *International Journal on Digital Learning Technology*, 14(2), 53-80. (*Corresponding author)(In Chinese)(TSSCI Journal)
楊叔卿*、洪國晉 (2022)。研發課後作業系統以改善大學普通物理課之教學成效研究。數位學習科技期刊, 14(2), 53-80. (*通訊作者)(TSSCI Journal)
3. Young, S. S.-C*, Wei., C. T., & Lin, Y. H., (2022). “Suspending class without Suspending learning!” : A study of the emergency online learning in higher education amid Semi-Lockdown in Covid-19 pandemic. *Research of Educational Communications and Technology*, 129, 23-44. [https://doi.org/10.6137/RECT.202208_\(129\).0002](https://doi.org/10.6137/RECT.202208_(129).0002) (In Chinese) (*Corresponding author)
楊叔卿、魏綺亭、林怡瑄 (2022)。“停課不停學！”：新冠疫情半封城下的高教緊急線上學習研究。教育傳播與科技研究, 129, 23-44。DOI:10.6137/RECT.202208_(129).0002 (*通訊作者) (臺灣人文及社會科學期刊評比暨核心期刊收錄第三級)
4. Hung, H.-C., & Young, S. S.-C*. (2021). Unbundling teaching and learning in the Flipping Thermal Physics Classroom in higher education powered by emerging innovative technology. *Australasian Journal of Educational Technology*, 37(4), 102-112. <https://doi.org/10.14742/ajet.6059> (*Corresponding author)(SSCI Journal)
5. Santos, D. J., Goto, T., Lu, T.-Y., Ho, S. C.-C., Wang, T. W., On, A.Y.-L., Hashimoto, T., & Young, S. S.-C. (2021). Investigative study on preprint journal club as an effective method of teaching latest knowledge. *Physical Review Physics Education Research (PRPER)*, 17(1), 010145-01-010145-16. DOI: <https://doi.org/10.1103/PhysRevPhysEducRes.17.010145-16> (SSCI Journal)
6. Wang, J. L., Young, S. S.-C*, Huang, C. W. & Lin, Y. H. (2019). Development and Evaluation of the VIP E-learning Platform and its Online Courseware: Using Boshiamy Input Method Course as an Example. *International Journal on Digital*

- Learning Technology, 11(1), 77-109. (*Corresponding author) (In Chinese)(**TSSCI Journal**)
 王建立、楊叔卿*、黃勤偉、林怡瑄 (2019)。VIP 視障數位學習平臺之研發與成效評估：以噯蝦米輸入法線上課程為例。數位學習科技期刊, 11(1), 77-109。(*通訊作者)(**TSSCI Journal**)
7. Young, S. S.-C*, & Hsu, S. H.-S. (2019). Analysis of Online Coach and Resource Uses of Jun-Yi MOOCs Integrated in K-12 Classrooms. *Journal of Open Learning*, 24(3), 21-28. (In Chinese) (*Corresponding author)
 楊叔卿*、徐浩軒 (2019)。臺灣均一教育平臺在中小學應用之研究。開放學習研究, 24(3), 21-28。(*通訊作者)
 8. 梁朝雲、楊叔卿* (2019)。關於 120 期教育傳播與科技研究。教育傳播與科技研究, 120, 1-1。DOI: 10.6137/RECT.201906_120.0000 (*通訊作者)
 Liang, C. Y. & Young, S. S.-C. (2019). About the issue of 120 Research of Educational Communications and Technology, 120, 1-1, DOI: 10.6137/RECT.201906_120.0000 (*Corresponding author)
 9. Hung, H.-C., Young, S. S.-C*, & Lin, K.-C. (2018). Exploring the effects of integrating the iPad to improve students' motivation and badminton skills: a WISER model for physical education. *Technology, Pedagogy and Education*, 27(3), 265–278. doi: <https://doi.org/10.1080/1475939X.2017.1384756>. IF: 1.580 (2017) Rank: 94/239, Q2(EDUCATION & EDUCATIONAL RESEARCH). (*Corresponding author) (**SSCI Journal**)
 10. Liu, I. F. & Young, S. S.-C. (2017). An exploration of participative motivations in a community-based online English extensive reading contest from gender difference. *Interactive Learning Environments*, 25(1), 48-61. (**SSCI Journal**)
 11. Hung, H.-C., & Young, S. S.-C*. (2017). Applying multi-touch technology to facilitate the learning of art appreciation: from the view of motivation and annotation. *Interactive Learning Environments*, 25(6), 733–748. <http://doi.org/10.1080/10494820.2016.1172490>. (**SSCI Journal**)
 12. Wang, J. L., Huang, C. W., Young, S. S.-C.* & Chang, C. H. (2016). A Case Study of a Congenitally Blind Student's Learning Chinese Recognition and Input into a Computer Using Boshiamy Method. *Journal of Liberal Arts and Social Sciences*, 12(4), 319-340. (*Corresponding author)
 王建立、黃勤偉、楊叔卿*、張千惠(2016)。先天盲學生學習以噯蝦米輸入法進行中文輸入與識字之個案研究。國立台灣科技大學人文社會學報, 12(4), 319-340。(*通訊作者)
 13. Young, S. S.-C., & Wang, Y.-H. (2015). Effectiveness of feedback for enhancing English pronunciation in an ASR-based CALL system. *Journal of Computer Assisted Learning (JCAL)*. 31, 493–504. (**SSCI Journal**)
 14. Hung, H. C., & Young, S. S.-C*. (2015). An investigation of Game Embedded Handheld Devices to Enhance English Learning. *Journal of Educational*

Computing Research (JECR), 52(4), 548-567. doi:10.1177/0735633115571922
(*Corresponding author) **(SSCI Journal)**

15. Hung, H.-C., & Young, S. S.-C*. (2015). The Effectiveness of Adopting E-Readers to Facilitate EFL Students' Process-Based Academic Writing. *Educational Technology & Society*, 18 (1), 250-263. (*Corresponding author) **(SSCI Journal)**
16. Hung, H.-C., Young, S. S.-C*, & Lin, C.-P. (2015). No student left behind: a collaborative and competitive game-based learning environment to reduce the achievement gap of EFL students in Taiwan. *Technology, Pedagogy and Education*, 24(1), 35-49. DOI:10.1080/1475939X.2013.822412 (*Corresponding author) **(SSCI Journal)**
17. Wang, J. L., Weng, T. H., Hwang, S. L., Huang, C. W., & Young, S. S.-C. (2015). A preliminary study on instructional design of Chinese input method for blind students. *Journal of Computers in Education*. 2(2), 123-144. (CSCI)(20200618, email notice: 论文被国家工程技术数字图书馆的“中国科学引文索引 (CSCI 数据库收录)
18. Kuo, T. M.-L., & Young, S. S.-C*. (2015). A study of selected apps to aid English underachievers. *Research of Educational Communications and Technology*, 112(2), 19-39. (In Chinese) doi: 10.6137/RECT.2015.112.02 (*Corresponding author)
郭孟倫、楊叔卿 (2015)。挑選平板電腦應用程式以協助英語低成就學習者之研究。教育傳播與科技研究, 112(2), 19-39。doi: 10.6137/RECT.2015.112.02 (*通訊作者)
19. Young, S. S.-C., & Hung, H.-C. (2014). Coping with the Challenges of Open Online Education in Chinese Societies in the Mobile Era: NTHU OCW as a Case Study. *The International Review of Research in Open and Distance Learning (IRRODL)*, 15(3), 158-184. **(SSCI Journal)**
20. Lin, K.-C., Hung, H. C., & Young, S. S.-C. (2014). The Effectiveness of Adopting Tablets PC in Physical Education of Badminton Skill. *Physical educational journal*, 47(3), 437-450. (In Chinese, TSSCI Journal)
林國欽、洪暉鈞、楊叔卿 (2014)。平板電腦融入體育課程羽球技能教學效果之研究。體育學報, 47(3), 437-450。 (TSSCI Journal)
21. Young, S. S.-C., & Wang, Y.-H. (2014). The Game Embedded CALL System to Facilitate English Vocabulary Acquisition and Pronunciation Game. *Journal of Educational Technology & Society*, 17(3), 239-251. **(SSCI Journal)**
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23. Hung, H.-C., & Young, S. S.-C*. (2014). Implementation of a Game-Based Learning Environment on Handheld Devices to Facilitate Elementary Students' English Learning. *International Journal on Digital Learning Technology*, 6(2), 1-24. (*Corresponding author) (In Chinese).
洪暉鈞、楊叔卿* (2014)。手持載具之英文字版連線遊戲系統設計以增強國民小學英文字彙學習投入與成效之研究。《數位學習科技期刊》，6(2)，1-24。(*通訊作者)
24. Chen, Y. J., Young, S. S.-C*., & Li, C. Y. (2014). Evaluation of Tablet PC Enhancing Elementary School Student on Rhythm Learning in the Music Class at Elementary School. *Scientific Journal of Education Technology*, 4(1), 5-14. (In Chinese) (*Corresponding author)
陳妍均、楊叔卿、李佳穎 (2014)。平板電腦增強國小學童音樂課節奏學習的成效探討。《教育技術期刊》，4(1)，5-14。(*通訊作者)
25. Wang, Y.-H., Young, S. S.-C*., & Jang, R. J.-S. (2013). Using Tangible Companions for Enhancing Learning English Conversation. *Journal of Educational Technology & Society*, 16(2), 296-309. (*Corresponding author) (SSCI Journal)
26. Young, S. S.-C., & Lin, W. L. (2012). Could we make diverse learning materials compatible with e-readers used in classroom learning settings? *British Journal of Educational Technology*, 43(6), E153–E160. (SSCI Journal)
27. Wang, Y. H., & Young, S. S.-C*. (2012). Exploring young and adult learners' perceptions of the corrective feedback in the ASR-based CALL system. *British Journal of Educational Technology*, 43(3), 77-80. (SSCI Journal)
28. Wang, Y. H., Wei, C. T., & Young, S. S.-C*. (2012). Evaluation of blended-learning in recurrent education: An example from working professionals who study in graduate school. *Scientific Journal of Education Technology*, 2(5), 8-15. (In Chinese) (*Corresponding author)
王怡萱、魏綺亭、楊叔卿 (2012)。數位混成學習在教師回流教育之施行成效探討：以數位學習碩士在職認證專班為例。《教育技術期刊》，2(5)，8-15。(*通訊作者)
29. Wang, Y. H., Young, S. S.-C*., & Jang, J. S.-R. (2012). Preliminary Study of Applying Automatic Voice Recognition Technology for English Proverbs Learning in Primary School. *International Journal on Digital Learning Technology*, 4(3), 17-35. (In Chinese)(*Corresponding author)
王怡萱、楊叔卿、張智星 (2012)。語音辨識技術融入國小英文諺語學習之設計與探討。《數位學習科技期刊》，4(3)，17-35。(*通訊作者)
30. Huang, H. Y., Wang, Y. H., & Young, S. S.-C*. (2012). Exploring elementary school students' perceptions of applying the talking pen into English learning. *International Journal of Science and Engineering*, 2(3), 19-28. (In Chinese) (*Corresponding author)

黃璿縈、王怡萱、楊叔卿 (2012)。光學觸控點讀筆融入國小英語教育之學習經驗探討。國立臺南大學理工研究國際期刊，2(3)，19-28(*通訊作者)

31. Hung, H. C., Wu, C. S., & Young, S. S.-C*. (2011). Exploring uses of free blogs for e-portfolio setup in higher education. *International Journal on Digital Learning Technology*, 3(3), 1-15. (In Chinese) (NSC96-2520-S-007-001-MY3) (NSC98-2511-S-007-003) (*Corresponding author)
洪暉鈞、吳佳珊、楊叔卿 (2011)。免費部落格平臺應用於建立高等教育電子學習歷程檔案之研究。數位學習科技期刊，3(3)，1-15。(*通訊作者)
32. 楊叔卿 (2011)。通識教育在清華。通識在線，37，56-58。
33. Young, S. S.-C., Wang, Y. H., & Jang, J. S.-R. (2010). Exploring perceptions of integrating tangible learning companions in learning English conversation. *British Journal of Educational Technology*, 41(5), 78-83. (SSCI Journal)
34. Wang, Y. H., Young, S. S.-C*, & Jang, J. S.-R. (2010). Evaluation of learning effectiveness of the tangible learning companions for English conversation in primary schools. *International Journal on Digital Learning Technology*, 2(1), 33-44. (In Chinese) (NSC96-2520-S-007-001-MY3) (*Corresponding author)
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37. Young, S. S.-C., & Ku, H. H. (2008). A study of uses of ICT in primary education through four winning school cases in Taiwan school Cyberfair. *Journal of Educational Technology and Society (JETSS)*, 11(3), 52-66. (SSCI Journal)
38. Chung, Y. M., & Young, S. S.-C*. (2007). A study of online one- to- one English tutoring- from the views of e-tutors. *Instructional Technology and Media*, 80, 58-72. Taipei, Taiwan. (In Chinese) (*Corresponding author)
鍾玉敏、楊叔卿 (2007)。由線上教師觀點看線上一對一英語家教輔導之研究。教學科技與媒體，80，58-72。(*通訊作者)
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40. Young, S. S.-C. (2006). Diffusion of information technology for education in Taiwan: reflections and concerns in response to Halverson and Collins' paper, *Journal of Research and Practice in Technology Enhanced Learning (RPTEL)*, 1(2), 177-181.

41. Young, S. S.-C., Li, Y. F., & Ko, H. W. (2005). The preliminary study of the applications of instant messaging systems integrated with a Learning platform in after-class tutoring. *Instructional Technology and Media*, 74, 101-114. (In Chinese)
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42. Young, S. S.-C., Chung, J. H., & Liu, Y. F. (2005). An overview of integration of mobile technologies into teaching and learning settings. *Instructional Technology and Media*, 73, 62-76. Taipei, Taiwan. (In Chinese)
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46. Young, S. S.-C., Chan, T. W., & Lin, C. B. (2002). A preliminary evaluation of a web-mediated 'School for All' (網路中介「全民學校」之初步評估). *Journal of Computer Assisted Learning (JCAL)*, 18(2), 209-218. **(SSCI Journal)**
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 楊叔卿 (2000)。迎接廿一世紀的「艾麗絲」：網際網路輔助教育的理念。 *教學科技與媒體*，50，2-11。

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(論文發表期刊級別相當於 TSSCI)
51. Young, S. S.-C. (1999). A field study on the implementation of a synchronous distance course with asynchronous Internet- supported telecommunications technologies in Taiwan, R.O.C. *International Journal of Educational Telecommunications (IJET)*, 5(2), 111-126.
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54. 黃嘉琳、楊叔卿、吳聲葆、周維強、黃一農 (1998)。落實網路遠距終身學習之理念：「清蔚園網際虛擬博物館」在臺灣之研發現況 (Implementation of Web-based distance lifelong learning: the development of 「Tsing-Wei Web Museum」 in Taiwan)。教學科技與媒體，41，2-8。
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59. 楊叔卿 (1993)。兒童圖畫書之探討 (A study of children's picture books)。教育研究雙月刊，33，65-72。

60. 楊叔卿 (1991)。教育的省思--從森林小學談起。視聽教育雙月刊, 32(4), 65-72。
61. 楊叔卿 (1988)。從技術之進展探索赫胥黎筆下的美麗新世界。視聽教育雙月刊, 30(2), 26-32。
62. 楊叔卿 (1988)。提昇媒體教材品質的形成性評鑑, 視聽教育雙月刊, 30(1), 26-32。
63. 楊叔卿 (1987)。聯結影片與電腦之互動教學媒體: 互動影媒 (Interactive Video) 概述。視聽教育雙月刊, 29(3), 42-46。

B. 研討會論文 (Conference Papers)

1. Young, S. S.-C. (**Keynote Talk, 2022**). Digital Education Innovation in Post-COVID-19 Era informed by research projects: from “Suspending Class without Suspending Learning” to innovative uses of Open Educational Resources/OERs and development of Mobile Virtual Reality/MVR, 2022 International Congress of Tendencies in Educational Innovation CITIE IV., Organized by Center for Open Education, Institute for Advancement of Higher Education, National University of San Agustín de Arequipa, Arequipa, Peru. 2022.11.08-10. (Online)
2. Young, S. S.-C. (**Invited Talk, 2022**). In those years, we pursued together to transform education from Taiwan to the world: Learning powered by emerging technologies and my wonderful research journey since 1999 in cooperation with the National Central University..., Graduate Institute of Network Learning Technology, NCU, National Central University, 2022.11.03.
3. Lin, K. H., Young, S. S.-C., * Lan, C. N. & Lin, T. S. (2022). Design and development of an APP to support therapists teaching Taiwanese children with written disorder to learn Chinese characters handwriting, **EDULEARN22** Proceedings (pp.4943-4950). Palma de Mallorca, Spain:14th annual International Conference on Education and New Learning Technologies. EDULEARN22 Proceedings (pp.4943-4950). Palma de Mallorca, Spain:14th annual International Conference on Education and New Learning Technologies. (Virtual presentation)
4. Young, S. S.-C., * Lee, H.-M., Stuckey, P. J., & Wei, C. T. (2022). A study of development of innovative MOOCs curriculum and its effects on cross-cultural learning. Paper was presented at the International Conference of Taiwan Association for Educational Communication and Technology (TAECT) 2022, Taipei, Taiwan, by National Taipei University of Education, December 09-10, 2022. (Full paper, In Chinese) (Corresponding author)
楊叔卿*, 李浩文、彼得·斯塔基、魏綺亭 (2022)。創新 MOOCs 課程之研發及其跨文化學習成效探討。論文發表於 2022 年台灣教育傳播暨科技國際研討會，國立臺北教育大學，台北市，台灣，2022 年 12 月 9-10 日。
5. Tsai, M. Y., Young, S. S.-C.,* & Yu, S. S. (2022). Implementation of Mei Yuan mobile game tour system and evaluation. Paper presented at the 2020 Taiwan E-learning Forum (TWELF 2022). National Taitung University, Taitung City, Taiwan, March 24-25, 2022. (Short paper, In Chinese) (Corresponding author) (Online)
蔡孟諭, 楊叔卿*, 余思賢(2022)。 「梅園」遊戲式行動導覽系統之建置及成效，論文發表於第十七屆台灣數位學習發展研討會。台東市：國立臺東大學，2022.03.24 ~ 25. (本人為通訊作者)
6. Young, S. S.-C. (**Keynote Talk, 2021**). Integration of Educational Technology in Learning, 2021 7th International Conference on Education and Technology (ICET), State University of Malang, Universitas Negeri, Malang, Indonesia.

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