

(一) Publications List

1. 楊桂瓊*、林煥祥、洪瑞兒(2012)。以論證活動探討國小學童論證能力和科學本質之表現。科學教育學刊，22(2)，1-26。(TSSCI) *corresponding author
2. Lin, H., Hong, Z., Lee, S., & Yang, K.K. (2013). The impact of collaborative reflections on teachers' inquiry teaching. *International Journal of Science Education*, 25(18), 3095-3116. DOI: 10.1080/09500693.2012.689023 (SSCI)
3. Hong, Z., Lin, H., Wang, H., Chen, H., & Yang, K.K. (2013). Promoting and Scaffolding Elementary School Students' Attitudes toward Science and Argumentation through a Science and Society Intervention. *International Journal of Science Education*, 35(10), 1625-1648. DOI:10.1080/09500693.2012.734935 (SSCI)
4. 楊桂瓊、陳雅君、林煥祥、洪瑞兒(2015)。新興科技融入探究式教學的成效探討。科學教育學刊，23(2)，111-127。(TSSCI)
5. Yang, K.K., Hong, Z., Liu M.-C & Lin, H.(2015). Exploring the role of visitors' self-identity in marine museum learning. *International Journal of Science Education, Part B*, 5(4), 375-393. DOI: 10.1080/21548455.2015.1046152 (ESCI)
6. Yang, K.K, Hong, Z., Lin, S.-F & Lin, H.(2016). Exploring the assessment of and relationship between elementary students' scientific creativity and science inquiry. *Creativity Research Journal*, 28(1), 16–23. DOI: 10.1080/10400419.2016.1125270 (SSCI)
7. Yang, K.K, Lee, L., Hong, Z., & Lin, H.(2016). The investigation of effective strategies for developing creative science thinking. *International Journal of Science Education*, 38(13), 2133–2151. DOI: 10.1080/09500693.2016.1230685 (SSCI)
8. Jack, B.-M, Lee, L, Yang, K.K, & Lin, H.(2017). A science for citizenship model: Assessing the effects of benefits, risks, and trust for predicting students' interest in and understanding of science-related content. *Research in Science Education*. *Research in Science Education*, 47(5), 965-988.(SSCI) DOI: 10.1007/s11165-016-9535-9 (SSCI)
9. Pan, Y-T, Yang, K-K, Hong, Z-R & Lin*, H.(2018).The effect of interest and engagement in learning science on adults' scientific competency and environmental action, *Eurasia Journal of Mathematics*,

(二) Conferences papers

1. Lu, Y-Y., Chen, H-T., Wang, H-H., Yang, K-K., Lin, H-S., *Hong, Z. R. (2018). Promoting Children's Engagement in Learning Science and Science Self-efficacy through a SADI Intervention. Paper presented at the annual conference of the National Association for Research in Science Teaching, Atlanta, GA, March 10th-13th.
2. Pan, Y-T., Yang, K-K., Hong, Z. R., & Lin, H-S. (2018). The effect of interest and engagement in learning science on adults' environmental actions and scientific competency. Paper presented at the annual conference of the National Association for Research in Science Teaching, Atlanta, GA, March 10th-13th.
3. 楊桂瓊、李姈、洪瑞兒、林煥祥 (2017)。教師參與科學創造力教學課程共備成效之探討。台灣教育研會 2017 學術研討會。國立中山大學，11 月 25 日。
4. Yang, K.K., Lee, L., Hong, Z-R & Lin., S. (2017, April). Exploring the significant predictors of student creative science thinking performance. Paper presented at the NARST conference, SanAntonio, US
5. Jack, B., Lee, L., Yang, K. & Lin*, H. (2016, April). *Science for Citizenship Model (SCM): Assessing the effects of benefits, risks, and trust for predicting students' interest in science-related content*. Paper presented at the annual conference of the East-Asian Association for Science Education, Tokyo, August 26-28.
6. Wang, H., Chen H., Yang, K., Pan, Y., Lin*, H. & Hong, Z. (2016, April). *The Impact of a Short-Term Camp on Students' Awareness and Mental Models towards Marine Environment*. Paper presented at the annual conference of the East-Asian Association for Science Education, Tokyo, August 26-28.
7. Yang, K.K., Lee, L., Hong, Z-R & Lin., S. (2016, April). The investigation of effective strategies for developing creative science thinking. Paper presented at the NARST conference, Baltimore, US
8. Yang, K.K., Lin, H., & Hong, Z. (2015, Sept). *Developing free-choice online test items for the assessment of elementary students' science inquiry competency*. Paper presented at the ESERA Conference, Helsinki, Finland.

9. Brady, M-J, Lee, L., [Yang, K.K.](#), & Lin., S.(2015, April). *SCM: Measuring Students' Interest Within and Beyond the Formal Science Classroom*. Paper presented at the NARST conference, Chicago, US.
10. [Yang, K.K.](#), Lin, H., & Lin, S.(2011, Dec). *Supporting learning of variable control through reflection of TV advertisements*. Paper presented at the TERA International Conference on Education, Kaohsiung, Taiwan.
11. Hong, Z., Lin, H., Wang, H-H & Chen, H-T, [Yang, K.K.](#) (2011, Oct). *Effects of Cooperative Small Group Discussion on Elementary School Students' Argumentation and Attitudes toward Science in Taiwan*. Paper presented at the EASE Conference, Gwangju, Korea.
12. Hong, Z., Chen, Y., & [Yang, K.K.](#) (2011, Oct). *From situational interest to individual interest: The impact of a classroom intervention on college students' perception of learning science*. Paper presented at the EASE Conference, Gwangju, Korea.
13. Lin, H., Hong, Z., [Yang, K.K.](#), & Chen, Y. (2010, June). *Using collaborative reflections to support teachers' inquiry-based instruction*. Paper was presented at the annual conference of the Australian Science Education Research Association, New South Wales, Australia.
14. Hong, Z., Lin, H. S., Chen, H. T., Wang, H. H., & [Yang, K.K.](#) (2010, Dec). *The investigation of taiwanese elementary school students' self-efficacy and learning in science*. Paper was presented at Global Chinese Conference on Science Education 2010 (GCCSE), Hong Kong Institute of Education
15. [Yang, K-K.](#), Lin, H., & Chen,Y-C. (2010, Jan). *The exploration of teaching argumentation for elementary school students*. Paper was presented at the Hawaii International Conference on Education, Honolulu.
16. Hong, Z., Chen, H-T., Wang, H-H., & [Yang, K-K.](#) (2009, Jan). *The effects of promoting elementary school students' reading critical thinking and self-development through inquiry-based teaching*. Paper was presented at the Hawaii International Conference on Education, Honolulu.

榮譽事蹟

1. 榮獲國立中山大學 98、103 年度「優秀教學助理獎」。

