

張宇樑教授論文著述一覽表

期刊論文

1. Wu, S.-C., & Chang, Y.-L.* (2023). Designing and implementing maker curriculum for promoting 7th graders' maker competence. *Frontier in Education*, 8, 1201534. doi: 10.3389/feduc.2023.1201534 (**Scopus**, *係表通訊作者)
2. Chang, Y. L., & Wu, S. C. (2023). An evaluation of mathematics grounding activity teachers' efficacy. *Journal of Positive Psychology and Wellbeing*, 7(2), 1108-1131. (**Scopus**)
3. Wu, S. C., & Chang, Y. L.* (2023). An analysis of the co-constructed learning process among mathematics grounding activity-designers. *Journal of Positive Psychology and Wellbeing*, 7(2), 1088-1107. (**Scopus**, *係表通訊作者)
4. Lai, C. P., Zhang, W., & Chang, Y. L.* (2020). Differentiated instruction enhances sixth-grade students' mathematics self-efficacy, learning motives, and problem-solving skills. *Social Behavior and Personality*, 48(6), e9094. DOI: <https://doi.org/10.2224/sbp.9094>. (**SSCI**, *係表通訊作者)
5. 張宇樑(2020)。教師專業發展：以促進學生理解之教學為進路。教育研究月刊，311，32-45。(人文處教育學門第二級期刊)
6. 吳楯椒、張宇樑*(2018)。幼兒園教師在主題統整課程中實施差異化教學促進弱勢幼兒閱讀學習之研究。臺東大學教育學報，29(2)，99-132。(TSSCI，*係表通訊作者)
7. 吳楯椒、陳綵菁、張宇樑*(2018)。奠基數學教育的希望—從幼兒數學活動設計首部曲「自由玩、發現問題」談起。教育研究月刊，290，85-103。(人文司教育學門第二級期刊，*係表通訊作者)
8. 吳楯椒、張宇樑*(2018)。運用同儕教練促進幼教師對數概念教學之專業成長—以主題教學為進路。臺灣數學教育期刊，5(1)，65-96。(科國司二級期刊 [與 TSSCI 同等級]，*係表通訊作者) doi: 10.6278/tjme.201804_5(1).002
9. Chang, Y. L., & Wu, S. C. (2018). A case study on developmental changes of eleventh graders' scientific inquiry competences. *Eurasia Journal of Mathematics, Science, and Technology Education*, 14(1), 363-382. (**SSCI**) DOI: <https://doi.org/10.12973/ejmste/7983>.
10. 張宇樑(2017)。「教育從未是件孤單的事」—淺談教師學習型社群。師友月刊，606，21-28。

研討會論文

1. Chang, Y. L., & Wu, S. C. (2023). *An evaluation of mathematics grounding activity teachers' efficacy*. Paper presented at the 2023 Annual Conference on Education and E-Learning (AACE-23) on January 13, 2023, Austin, TX, USA.
2. Chang, Y. L., & Wu, S. C. (2022). *Designing mindset mathematics teaching materials in an elementary teacher professional development supporting system*. Paper presented at the 20th International Conference on Education and Information Systems, Technologies and Applications (EISTA 2022) on July 12-15, 2022, Orlando, FL, USA.
3. Chang, Y. L., & Wu, S. C. (2021). *Establishing an "equitable access" and "robust understanding" learning environment*. Paper presented at the 44th Annual Meeting of the International Group for the Psychology of Mathematics Education (PME 44) on July 20, 2021, Thailand.
4. Wu, S. C., & Chang, Y. L. (2021). *Sixth-graders' mathematics self-efficacy, learning motives, and problem-solving skills with differentiated instruction*. Paper presented at the 44th Annual Meeting of the International Group for the Psychology of Mathematics Education (PME 44) on July 22, 2021, Thailand.
5. Chang, Y. L., & Wu, S. C. (2019). *Teaching for robust understanding—A TRU story of 6th graders in Taiwanese context*. Paper presented at the 2019 International Conference on Education, Psychology, and Social Sciences (2019 ICEPS) on August 24, 2019, Tokyo University of Science, Tokyo, Japan.
6. Chang, Y. L., & Schoenfeld, A. H. (2018). *What makes for powerful mathematics classrooms? A story of 6th graders' mathematical learning*. Paper presented at the Third Chinese Congress on Mathematics Education (2018 CCME) on October 26, 2018, East China Normal University, Shanghai, China.
7. Chang, Y. L., & Wu, S. C. (2017). *Using differentiated instruction to promote teachers' and students' mathematics self-efficacy*. Paper presented at the 41st Annual Meeting of the International Group for the Psychology of Mathematics Education (PME 41) on July 20, 2017, Singapore.