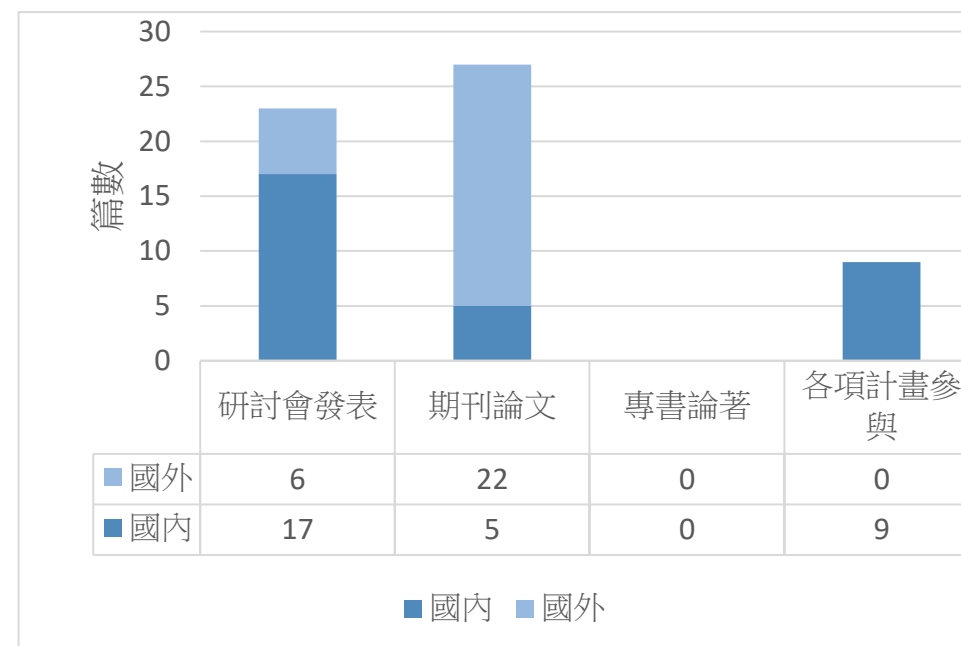
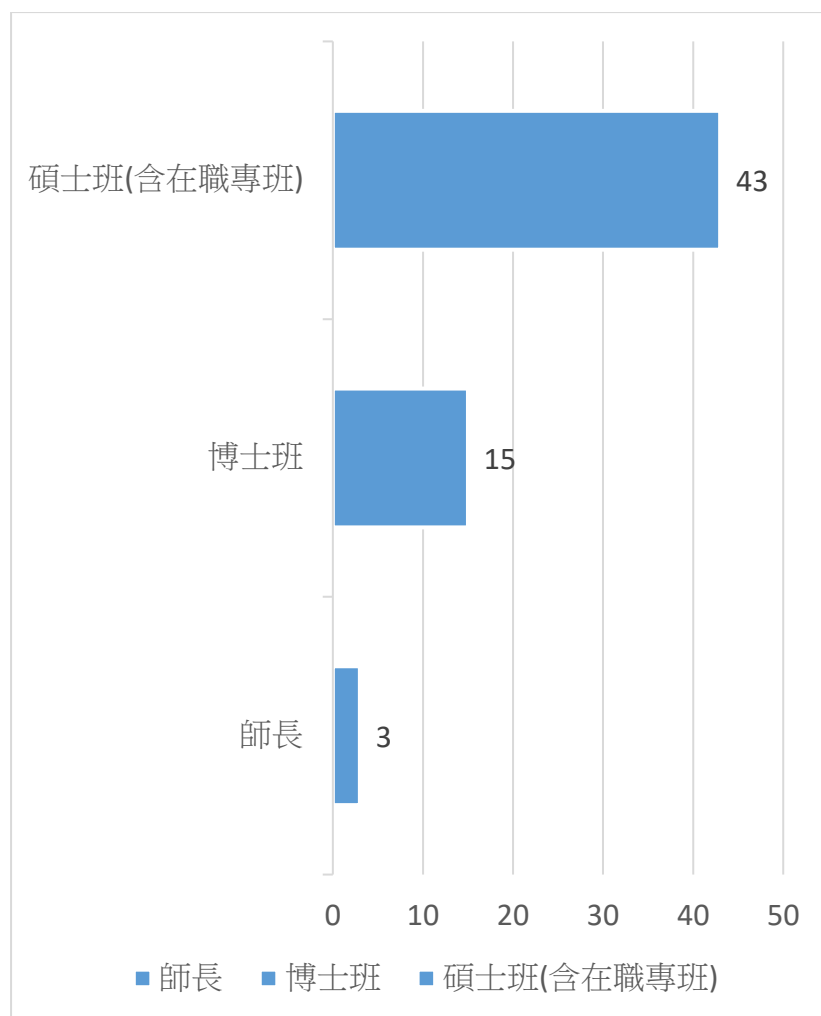


國立臺灣師範大學體育與運動科學系

2022 年度 身體活動心理學群 學術研究成果



一、研討會發表

師長部份

無

學生部份

2022 台灣運動心理學會年會暨學術研討會：運動心理學在後疫情時代之角色(2022-10-23)-11 篇

The 2022 9th Asian South Pacific Association of Sports Psychology (ASPASP) International Congress-4 篇

其它研討會(國內外)-8 篇

二、期刊論文

師長部份

1. Chueh, T.-Y., Lu, C.M., Huang, C.-J., Hatfield, B.D. & Hung, T.-M*. (accepted). Collaborative neural processes are predicted to successful cognitive-motor performance. Scandinavian Journal of Medicine & Science in Sports. 【SCI, IF= 4.645; Ranking in Sport Sciences, 14/88, 84.66%, Q1】
2. Cheng, M.Y., Wang, K.P., Doppelmayr, M., Steinberg, F., Hung, T.M., Lu, C., Tan, Y.Y., Hatfield, B.D. (2022). QEEG markers of superior shooting performance in skilled marksmen: An investigation of cortical activity on psychomotor efficiency hypothesis. Psychology of Sport and Exercise. (SCI, IF = 5.118, 15/79 (Q1, 18.35%) in Psychology)
3. Huang, T. Y., Chen, F. T., Li, R. H., Hillman, C. H., Cline, T. L., Chu, C. H., Hung, T. M., & Chang, Y. K. (2022). Effects of acute resistance exercise on executive function: a systematic review of the moderating role of intensity and executive function domain. Sports Medicine – Open. 【SCI, IF= 6.77; Ranking in Sport Sciences: 7/87, 8%, Q1】
4. Lin, C.C., Hsieh, S.S., Huang, C.R., Kao, S.C., Chang, Y.K., & Hung, T.M. (2022). The unique contribution of motor ability to visuospatial working memory in school-age children: Evidence from event-related potentials. Psychophysiology, 00, e14182. <https://doi.org/10.1111/psyp.14182> (SSCI Q1)
5. Chang, Y. K., Karageorghis, C. I., Wang, C. C., Li, R. H., Chen, F. T., Fang, R. Y., & Hung, T. M.* (2022). Effects of Exercise Intensity and Duration at a Predetermined Exercise Volume on Executive Function Among Apolipoprotein E (APOE)-ε4 Carriers. Current Psychology 【SSCI, IF = 2.387, 23/140 (Q1) in Psychology, Multidisciplinary】
6. Wang, K.P., Frank, C., **Hung, T.M.***, & Schack, T. * (2022). Neurofeedback Training: Decreases in Mu rhythm lead to improved motor performance in complex visuomotor skills. Current Psychology. 【SSCI, IF = 2.387, 74/147 (Q1) in Psychology, Multidisciplinary】

7. Chen, T.T., Wang, K.P., Chang, W.H., Kao, C.W., Huang, C.J., & **Hung, T.M.*** (2022). Effects of the function-specific instruction approach to neurofeedback training on frontal midline theta waves and golf putting performance. *Psychology of Sport and Exercise*. (SCI, IF = 5.118, 15/79 (Q1, 18.35%) in Psychology)
8. Kao, S.C., Tsai, Y.J., Hsieh, S.S., Chen, I.F., Schmitt, S., & **Hung, T.M.*** (2022). The relationship of muscular endurance and coordination and dexterity with behavioral and neuroelectric indices of attention in preschool children, *Scientific Reports*, 【SCI, IF=4.996; Ranking in Multidisciplinary Sciences: 19/73 (25.34%)】
9. Chueh, T. Y., Chen, Y. C*., & Hung, T. M*. (2022). The Acute Effect of Breaking up Prolonged Sitting on Cognition: A Systematic Review. *BMJ Open*. (SCI, IF = 3.017, ranking = 85/172, Q2, 49.13%, MEDICINE, GENERAL & INTERNAL)
10. Chueh, T.-Y., Hsieh, S.-S., Tsai, Y.-J., Yu, C.-L., Hung, C.-L., Benzing, V., Schmidt, M., Chang, Y.-K., Hillman, C. H., & **Hung, T.M.*** (2022, Jan.). Effects of A Single Bout of Moderate-to-Vigorous Physical Activity on Executive Functions in Children with Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis. *Psychology of Sport and Exercise*, 58, 102097. (SCI, IF = 5.118, 15/79 (Q1, 18.35%) in Psychology)
11. Lin T-Y, **Hung, T.M.*** (2022). How to Reduce Errors and Improve Transparency by Using More Precise Citations. *Frontiers in Cardiovascular Medicine*. 2022;9. (SCI, IF =5.848, 43/143 Q2, in Cardiac & Cardiovascular systems)
12. Chen, T.T., Wang, K.P., Huang, C.J., & **Hung, T.M.*** (2022). Nonlinear refinement of functional brain connectivity in golf players of different skill levels, *Scientific Reports*, 【SCI, IF=4.996; Ranking in Multidisciplinary Sciences: 19/73 (25.34%)】
13. Wang, K.P., Cheng, M.Y., Chen, T.T., Lin, K.H., Huang, C.J., Schack, T. & **Hung, T.M.*** (2022, May). Successful Motor Performance of A Difficult Task: Reduced Cognitive-Motor Coupling. *Sport, Exercise, and Performance Psychology*, 11(2), 174–184. (SSCI, IF =2.857, ranking in Psychology, applied:53.61%)
14. Lin, C. C., Hsieh, S. S., Huang, C. J., Kao, S. C., Chang, Y. K., & Hung, T. M. (2022). The unique contribution of motor ability to visuospatial working memory in school-age children: Evidence from event-related potentials. *Psychophysiology*, 00, e14182.
15. Chang, Y. K., Erickson, K. L., Aghjayan, S. L., Chen, F. T., Li, R. H., Shih, J. R., Chang, S. H., Huang, C. M., & Chu, C. H. (2022). The multi-domain exercise intervention for memory and brain function in late-middle-aged and older adults at risk for Alzheimer’s disease: A protocol for Western-Eastern Brain Fitness Integration Training (WE-BFit) trial. *Frontiers in Aging Neuroscience*, 11, 227.
16. Lin, J. R., Wu, P. T., Wu, W. L., Chang, Y. K., & Chu, I. H. (2022). The psychophysiological profile and cardiac autonomic reactivity in long-term female yoga practitioners: A comparison with runners and sedentary individuals. *International Journal of Environmental Research and Public Health*, 19(13), 7671.
17. Hidrus, A., Kueh, Y. C., Norsa’adah, B., Chang, Y. K., & Kuan, G. (2022). Effects of technology-supported brain breaks videos on exercise

self-efficacy among type 2 diabetes mellitus Malaysians. *Scientific Reports*, 12(1), 11651.

18. Chu, I. H., Lin, Y. J., Wu, W. L., Yu, T. C., Lin, I. M., & Chang, Y. K. (2022). The effects of acute yoga practice on heart rate and heart rate variability responses to mental stress. *International Journal of Sport and Exercise Psychology*, 1–13.
19. Chang, Y. K., Karageorghis, C. I., Wang, C. C., Li, R. H., Chen, F. T., Fang, R. Y., & Hung, T. M. (2022). Effects of exercise intensity and duration at a predetermined exercise volume on executive function among Apolipoprotein E (APOE)-ε4 carriers. *Current Psychology*.
20. Chueh, T. Y., Hsieh, S. S., Tsai, Y. J., Yu, C. L., Hung, C. L., Benzing, V., Schmidt, M., Chang, Y. K., Hillman, C. H., & Hung, T. M. (2022). Effects of A Single Bout of Moderate-to-Vigorous Physical Activity on Executive Functions in Children with Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis. *Psychology of Sport and Exercise*, 58, 102097.
21. Song, T. F., Chu, C. H., Nien, J. T., Li, R. H., Wang, H. Y., Chen, A. G., Chang, Y. C., Yang, K. T., & Chang, Y. K. (2022). The association of obesity and cardiorespiratory fitness in relation to cognitive flexibility: An event-related potential study. *Frontiers in Human Neuroscience*, 16, 862801.
22. Wu, C. H., Nien, J. T., Lin, C. Y., Li, R. H., Chu, C. H., Kao, S. C., Chang, Y. K. (2022). Cardiorespiratory fitness is associated with sustained neurocognitive function during a prolonged inhibitory control task in young adults: An ERP study. *Psychophysiology*, 00, e14086.
23. Hidrus, A., Kueh, Y. C., Norsa'adah, B., Kim, Y., Chang, Y. K., & Kuan, G. (2022). Structural equation model of psychological constructs of transtheoretical model, motives for physical activity, and amount of physical activity among people with type 2 diabetes mellitus in Malaysia. *PLoS One*, 17(3), e0266104.
24. 洪琇玟、季力康 (2022)。高中職田徑運動員主動性人格與正念特質對復原力之預測。運動教練科學，(66)，1-8。
25. 魏嘉葦、季力康 (2022)。魚與熊掌兼得-運動員的雙重生涯。中華體育季刊，36(1)，59-67。

學生部份

1. Ai, J. Y., Kuan, G., Juang, L. T. T., Lee, C., Kueh, T. C., Chu, I. H., Geng, X. L., & Chang, Y. K. (2022). Effects of Multi-Component Exercise on Sleep Quality in Middle-Aged Adults. *International Journal of Environmental Research and Public Health*, 19(23), 15472.
2. Huang, T. Y., Chen, F. T., Li, R. H., Hillman, C. H., Cline, T. L., Chu, C. H., Hung, T. M., & Chang, Y. K. (2022). Effects of acute resistance exercise on executive function: a systematic review of the moderating role of intensity and executive function domain. *Sports Medicine - Open*, 8(1), 141.
3. Lin, C. C., Hsieh, S. S., Huang, C. J., Kao, S. C., Chang, Y. K., & Hung, T. M. (2022). The unique contribution of motor ability to visuospatial working memory in school-age children: Evidence from event-related potentials. *Psychophysiology*, 00, e14182.
4. Lin, T. Y., & Hung, T. M. (2022). How to Reduce Errors and Improve Transparency by Using More Precise Citations. *Frontiers in*

cardiovascular medicine, 9, 866279. <https://doi.org/10.3389/fcvm.2022.866279>

5. 陳泰睿、粘瑞狄、張育愷 (2022)。不穩定阻力訓練對老年人認知功能之影響：文獻回顧。《中華體育季刊》，36(1)，69–81。
6. 蔡璋逸、李瑞鴻、王俊智 (2022)。急性阻力健身運動與抑制控制：強度與訓練量之觀點。《中華體育季刊》，36(3)，291–299。
7. 陳伶君、黃至寬、黃崇儒(2023)。感覺動作區 α 神經回饋訓練對高爾夫推桿表現之影響。輔仁大學體育學刊，22。

三、專書論著

師長部份

無

學生部份

無

四、研究計畫參與

師長部份

1. 核心動作要素控制對壓力下運動表現與腦波的影響(2020/8-2023/7)
2. 菁英運動員高峰狀態之關鍵密碼(2021/1-2024/12)
3. 大專運動員正念與流暢、專注力、情緒調節之關係：fMRI 之研究(2020/1-2022/12)
4. 多領域健身運動課程對帶有與非帶有 ApoE e4 基因中老年族群神經認知功能之影響：東西方大腦體適能整合訓練(2021/08/01-2024/07/31)
5. 以跨領域取向探討以正念為基礎介入對壓力下多樣競技表現與競技運動相關心理能力之影響：以正念為基礎顛峰表現 (MBPP)試驗
6. 國立臺灣師範大學深耕計畫：運動科學研究
7. 國立臺灣師範大學深耕計畫：頂尖學習科學跨國研究中心
8. 體驗教育融入運動心理學之教學實踐研究
9. 身心一體：融入正念的新型態武術課程對情緒認知功能之影響

學生部份

無