

學術論文發表：

■ 期刊論文 (SCI/SSCI/TSSCI)

1. Lin LJ, Lin YH, Yu SP, Liu TH, Chen YL (2025). A cluster randomized controlled trial examining the effects of a four-week mindfulness-based practice on primary school students' interpersonal mindfulness, emotional intelligence, and attentional focus. *Frontiers in Psychology*, 16, 1539962 (SSCI)
2. Chen YL, Wang SY (2025). Challenges of face identification with varied mask coverage in the post COVID-19 era. *Frontiers in Psychology*, 16, 1486808 (SSCI)
3. Chen YL, Chen YC (2025). Impact of brand and testing method on coffee taste perception between genders: A comparative study of two leading coffee brands in Taiwan. *Sage Open*, 15.1 (SSCI)
4. Chen YL, Wang TH, Chang WA, Nguyen HT (2024). Gender differences in head and neck posture among smartphone users while walking: insights from field observations in Taipei. *Journal of Functional Morphology and Kinesiology*, 9.4, 245 (SCI)
5. Chen YL, Lin WC (2024). Enhancing understanding: Back muscle strength and individual flexibility impact on the flexion-relaxation phenomenon in the lumbar erector spinae. *Journal of Electromyography and Kinesiology*, 79, 102949 (SCI)
6. Chen YL, Chu KH, Huang PC, Ho CT, Nguyen HT (2024). Eyestrains among smartphone users while watching videos in Taipei MRT carriages: A comparison between sitting and standing postures. *Scientific Reports*, 14, 25407 (SCI)
7. Lin LJ, Yu SP, Lin YH, Chen YL^{correspondence} (2024). Enhancing subjective well-being in Taiwanese university students through an eight-week mindfulness-based program: A pilot study. *Behavioral Sciences*, 14.11, 980 (SSCI)
8. Chen YL, Liao YH (2024). Differential back muscle flexion-relaxation phenomenon in constrained versus unconstrained leg postures. *Bioengineering*, 11.7, 736 (SCI)
9. Chen YL, Chan YC (2024). Neck and shoulder strains under various head flexing positions while standing and sitting with and without back support for male and female smartphone users. *Ergonomics*, 67.7, 913-924 (SCI/SSCI)
10. Chen YL, Chan YC, Alexander H (2024). Gender differences in neck muscle activity during near-maximum forward head flexion while using smartphones with varied postures. *Scientific Reports*, 14, 12994 (SCI)
11. Chen YL, Lee YC, Hsu CW, Rahman A (2024). Perceived interpersonal distance changes in young Taiwanese pre and post SARS-CoV-2 pandemic. *Scientific Reports*, 14, 610 (SCI)
12. Chen YL, Lee YC, Rahman A (2024). Perceived interpersonal distances: A cross-cultural analysis of young Taiwanese and young Southeast Asians during the Covid-19 pandemic. *Behavioral Sciences*, 14.1, 20 (SSCI)
13. Chen YL, Nguyen HT (2023). User walking speed and standing posture influence head/neck flexion and viewing behavior while using a smartphone. *Healthcare*, 11.23, 3027. (SCI/SSCI)
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young Taiwanese during the COVID-19 pandemic. *Healthcare*, 11.12, 1711 (SCI/SSCI)

15. Chen YL, Luo WH (2023). Comparative ergonomic study examining the work-related musculoskeletal disorder symptoms of Taiwanese and Thai workers in a tape manufacturing factory. *International Journal of Environmental Research and Public Health*, 20.4, 2958 (SCI/SSCI)
16. Chen YL, Wu CY, Li SC, Yu TM, SP Yu (2023). Effect of mask coverage on face identification in Taiwanese men and women. *Frontiers in Psychology*, 14, 1082376 (SSCI)
17. Chen YL, Alexander H, Hu YM (2022). Self-reported musculoskeletal disorder symptoms among bus drivers in the Taipei metropolitan area. *International Journal of Environmental Research and Public Health*, 19.17, 10596 (SCI/SSCI)
18. Chen YL, Huang PS, Kuo ZW, Chang YT, Nguyen HT (2022). Shank circumference reduction by sleep compression stockings in university students and convenience store cashiers. *Healthcare*, 10.8, 1532 (SCI/SSCI)
19. Liu C, Chen H, Zhou F, Chiang CH, Chen YL, Wu K, Huang DH, Liu CY, Chiou WK (2022). Effects of animated pedagogical agent-guided loving-kindness meditation on flight attendants' spirituality, mindfulness, subjective wellbeing, and social presence. *Frontiers in Psychology*, 13, 894220 (SSCI)
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21. Chen H, Liu C, Zhou F, Cao X, Wu K, Chen YL, Liu CY, Huang DH, Chiou WK (2022). Focused-attention meditation improves flow, communication skills, and safety attitudes of surgeons. *International Journal of Environmental Research and Public Health*, 19.9, 5292 (SCI/SSCI)
22. Chen YL, Chen KH, Cheng YC, Chang CC (2022). Field study of postural characteristics of standing and seated smartphone use. *International Journal of Environmental Research and Public Health*, 19.8, 4583 (SCI/SSCI)
23. Kuan WH, Chen YL^{correspondence}, Liu CL (2022). Excretion of Ni, Pb, Cu, As, and Hg in sweat under two sweating conditions. *International Journal of Environmental Research and Public Health*, 19.7, 4323 (SCI/SSCI)
24. Chen YL, Chan YC, Zhang LP (2021). Postural variabilities associated with the most comfortable sitting postures: A preliminary study. *Healthcare*, 9.12, 1685 (SCI/SSCI)
25. Chen YL, Lin WC, Liao YH, Chen Y, Kang PY (2021). Changing the pattern of the back-muscle flexion-relaxation phenomenon through flexibility training in relatively inflexible young men. *PLOS ONE*, 16.11, e0259619 (SCI/SSCI)
26. Chen YL (2021). Changes in external ischial tuberosity width at varying trunk-thigh angles between sexes using two measurement methods. *Scientific Reports*, 11, 19676 (SCI)
27. Chen YL, Tsai FM, Hsu WC, Yang CJ, Yei TY (2021). Exploring shank circumference by stretching after training among volleyball players. *International Journal of Environmental Research and Public Health*, 18.16, 8849 (SCI/SSCI)
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cartons in warehousing tasks. *Ergonomics*, 64.9, 1174-1182 (SCI/SSCI)

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31. Chen YL, Sari RK, Liao YH, Lin WC (2021). Optimal span between feet of public squat toilet based on anthropometric data and squatting stability assessment. *Healthcare*, 9.1, 42 (SCI/SSCI)
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33. Chen YL, Hu YM, Chuan YC, Wang TC, Chen Yi (2020). Flexibility test affecting the reduction pattern of back muscle activation during trunk flexion. *Applied Sciences*, 10, 5967 (SCI)
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35. Chen YL, Kuan WH*, Liu CL (2020). Comparative study of the composition of sweat from eccrine and apocrine sweat glands during exercise and in heat. *International Journal of Environmental Research and Public Health*, 17.10, 3377 (SCI/SSCI)
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37. Chen YL, Li CY, Wang CH, Hu S (2020). The effect of wearing jeans on maximum static lifting strength for men and women at various exertion heights. *International Journal of Occupational Safety and Ergonomics*, 26.2, 423-428 (SSCI)
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43. Chen YH, Chen YL correspondence (2018). An optimal effective working height for hammering tasks. *Work*, 61, 181-187 (SSCI)
44. Chen YL, Mu YC (2018). Effects of backpack load and position on body strains in male school-children while walking. *PLOS ONE*, 13(3), e0193648 (SCI)
45. Chen YL (2018). Predicting external ischial tuberosity width for both sexes to determine their bi-

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46. Chen YL, Lee YC, Lee ZY, Chen MC (2017). Effect of viewing angle on volume perceptions for paired tumblers. *i-Perception*, 8.4, 1-12 (SSCI)
 47. Chen YL, Shi LJ (2017). Effects of container elongation on consumers' volume perception. *Neuropsychiatry*, 7.4, 342-346 (SCI)
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 49. Chen YL, Lee YC (2017). Effect of an auxiliary device for chopstick operations on the chopstick-use performance of foreign novices. *Neuropsychiatry*, 7.4, 310-315 (SCI)
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 51. Chen YL, Chiou WK, Tzeng YT, Lu CY, Chen SC (2017). A rating of perceived exertion scale using facial expressions for conveying exercise intensity for children and young adults. *Journal of Science and Medicine in Sport*, 20, 66-69 (SCI)
 52. Chen YL, Ho TK (2016). Psychophysically determining the maximum acceptable weight of lift for polypropylene laminated bags. *Industrial Health*, 54.6, 550-553 (SCI/SSCI)
 53. Chen YL, Sie CC (2016). Design factors affecting the reaction time for identifying toilet signs: A preliminary study. *Perceptual and Motor Skills*, 122.2, 636-649 (SSCI)
 54. Chen YL, Yang PJ (2016). A preliminary study of the measurement of external ischial tuberosity width and its gender differences. *Journal of Physical Therapy Science*, 28.3, 820-823 (SCI)
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 56. Chen YL, Chiou WK (2015). Comparison of static lifting capacity between experienced and novice Taiwanese female workers. *Work*, 52.3, 549-558 (SSCI)
 57. Chen YL, Huang LS, Peng LW, Shi LJ (2015). Bowing with trunk flexion of 90°: Perspectives on consumers and service personnel. *International Journal of Industrial Ergonomics*, 47, 124-131 (SCI/SSCI)
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64. Chen YL, Liu YN (2014). Optimal protruding node length of bicycle seats determined using cycling postures and subjective ratings. *Applied Ergonomics*, 45.4, 1181-1186 (SCI/SSCI)
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66. Chen YL, Yu ML (2012). A preliminary field study of optimal trunk flexion by subjective discomfort in recreational cyclists. *Journal of the Chinese Institute of Industrial Engineers*, 29.8, 526-533 (EI/TSSCI)
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84. Chen YL (2000). Use of heart rate recovery cost as an index for measuring physical stress. *Journal of the Chinese Institute of Industrial Engineers*, 17.3, 341-347 (EI/TSSCI)
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97. Lee YH, Yuan CK, Chen YL (1993). An effectiveness analysis of the centered high-mounted brake light. *Journal of the Chinese Institute of Industrial Engineers*, 10.3, 203-208 (EI/TSSCI)

■ 其它期刊論文

1. Yu SP, Chen YL (2024). Effect of grouping type on learning achievement of practice on Creative Thinking for Problem Solving. *Journal of Technology* (accepted) (EI) (in Chinese)
2. Chen YL, Yu SP (2021). Improvement of learning achievement of practice on Work Study using

- interdisciplinary collaboration. *Ming Chi University of Technology Journal*, 49, 67-76 (in Chinese)
3. Chen YL, Sie CC (2019). Difference in recognition time under various sign combinations between genders – an example of toilet signs, *Industrial Design*, 139, 55-59. (in Chinese)
 4. Kuan WH, Chen YL, Yeh C, Huang Y (2019). Integrated habitat monitoring of environmental features to site the releasing of cultivated *Oncorhynchus masou formosanus*. In *IOP Conference Series: Earth and Environmental Science* (Vol. 344, No. 1, p. 012018). IOP Publishing.
 5. Chen YL, Ou YS, Hsu SK (2019). Musculoskeletal disorders survey and simulation evaluation of the handmade drinks task: A case report. *Journal of Industrial Engineering and Management Science*, 2017.1, 149-160.
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 14. Chen YL, Cheng MS, Yu SP, Lin SP (2009). A comparative study on service quality for coffee chain stores - The empirical study of Starbucks and 85°C. *Mingchi University of Technology Journal*, 41.1, 1-10. (in Chinese)
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 17. Lin RT, Chen YL correspondence, Chiou WK, Chen AC, Chen CC, Yu ML (2006), A study of ergonomics curriculums in Taiwan from the business perspective. *Mingchi University of Technology Journal*, 37.2, 43-49. (in Chinese)
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21. Lin RT, Chen YL correspondence, Chiou WK, Chen AC, Chen CC, Yu ML (2004). Ergonomics courses on undergraduate program in Taiwan: The present and future. *Mingchi Institute of Technology Journal*, 35.2, 21-31. (in Chinese)
22. Lin RT, Chen YL correspondence, Chiou WK, Chen AC, Chen CC, Yu ML (2002). Evaluation and development of integrated practical courses on Ergonomics. *Mingchi Institute of Technology Journal*, 34.2, 129-135. (in Chinese)
23. Chen YL (2001). A preliminary study of the effect of cellular phone use on driving behavior of individuals. *Mingchi Institute of Technology Journal*, 33, 169-172 (in Chinese)
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■ 國際研討會論文 (近五年)

1. Chen YL, Tang WH, Guan YX, Hung ZL (2025). Head, neck, and upper trunk movements during smartphone use with varying backpack weights while standing and walking. The 13th IIAE International Conference on Industrial Application Engineering 2025 (ICIAE 2025), Kitakyushu, Japan.
2. Chen YL, Nguyen DD, Chong HZ, Shen YH (2025). Effects of backpack load on shoulder and neck muscle activity during smartphone use while standing and walking. The 13th IIAE International Conference on Industrial Application Engineering 2025 (ICIAE 2025), Kitakyushu, Japan.
3. Chen YL, Li PY (2025). Comparative study of wrist range of motion between young and elderly populations in Taiwan. The 13th IIAE International Conference on Industrial Application Engineering 2025 (ICIAE 2025), Kitakyushu, Japan.
4. Chen YL, Hung YJ (2025). Head/neck flexion and viewing characteristics of smartphone users while walking: A preliminary study. The 13th IIAE International Conference on Industrial Application Engineering 2025 (ICIAE 2025), Kitakyushu, Japan.
5. Huang SC, Lee YC, Chen YL (2024). Comparative foot anthropometry and gender differences in the elderly Taiwanese population: Insights from a comparison with Japanese data. 2024 IEEE 10th International Conference on Applied System Innovation (IEEE ICASI 2024), Kyoto, Japan.
6. Chiu PY, Chen YL (2024). Exploring factors influencing maximum and comfortable wrist movement ranges in the elderly population of Taiwan. 2024 IEEE 10th International Conference on

Applied System Innovation (IEEE ICASI 2024), Kyoto, Japan.

7. Yu S, Lee YC, Chen YL (2024). Gender and age effects on maximum grip strength and pinching strength in the elderly population of Taiwan. 2024 IEEE 10th International Conference on Applied System Innovation (IEEE ICASI 2024), Kyoto, Japan.
8. Wang SY, Chen YL (2024). The impact of varied mask coverage levels on facial identification among young Taiwanese individuals. 2024 IEEE 10th International Conference on Applied System Innovation (IEEE ICASI 2024), Kyoto, Japan.
9. Chen YL, Huang PS, Hsu CW, Chang YT (2022). Do Sleep Compression Stockings Effectively Reduce Lower-Limb Strains for University Students and Convenience Store Cashiers? The 22nd Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2022), Taichung, Taiwan.
10. Chen YL, Hans Alexander, Hu YM (2022). Self-reported musculoskeletal discomforts among bus drivers in Taipei metropolis area. The 22nd Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2022), Taichung, Taiwan.
11. Chen YL, Lu YE, Kao HY, Hsu YH, Rahman A, Lee YC (2022). Interpersonal Space Perception under Different Target Conditions in COVID-19 Epidemic Period. The 22nd Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2022), Taichung, Taiwan.
12. Chen YL, Yu SP, Wu CY, Li SC, Yu TM (2022). Effect of mask coverage on face identification for Taiwanese men and women. The 22nd Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2022), Taichung, Taiwan.
13. Chen YL, Chan YC, Zhang LP (2021). A preliminary study to examine the variabilities of the most comfort sitting postures, The 3rd International Symposium on Engineering and Technology (ISET 2021), Taichung, Taiwan.
14. Chen YL, Chen YC (2021). Differences in perceived coffee tastes of two coffee brands in Taiwan. The 57th Annual Conference of Chinese Society for Quality and 2021 International Symposium of Quality Management (ISQM 2021), Taipei, Taiwan.
15. Chen YL, Chan YC, Chou SY, Zhang LP, Tsai WL (2021). Variabilities of sitting postures determined by the most comfortable perception. The 5th International Conference on Ambient Intelligence and Ergonomics in Asia (AMIE), Penghu, Taiwan.
16. Chen YL, Lin WC, Kang PY (2019). Effects of trained flexibility on back muscle flexion-relaxation response. 2019 International Conference on Industrial Engineering and Engineering Management (IEEM 2019), Macau, China.
17. Chen YL, Sari RK, Lin WC, Liao YH (2019). Assessing span between feet of public squatting-type toilet based on squatting stability. The 20th Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2019), Kanazawa, Japan.
18. Kuan WH, Chen YL, Yeh CS, Huang YS (2019). Integrated habitat monitoring of environmental features to site the releasing of cultivated *Oncorhynchus masou formosanus*. The 5th International Conference on Water Resource and Environment (WRE 2019), Macao, China.
19. Chen YL, Kang PY, Lee YC (2019). Lighting, liquid color, and type of containers influence volume perceptions. The 6th International Conference on Industrial Engineering and Applications (ICIEA 2019), Tokyo, Japan.
20. Chen YL, Lin WC, Nguyen HT (2019). A study of schoolbag-carrying method and body strains

among young male students. The 6th International Conference on Industrial Engineering and Applications (ICIEA 2019), Tokyo, Japan.

21. Chen YL, Liao YH, Chen Y (2019). How does individual flexibility influence back muscle flexion-relaxation response when seated with a corrected lumbar posture? The 6th International Conference on Industrial Engineering and Applications (ICIEA 2019), Tokyo, Japan.

■ 國內研討會論文 (近五年)

1. 邱珮芸、陳一郎、李育奇，健身車騎乘姿勢對手機網頁瀏覽的顛頸角度短時間效應，中國工業工程學會 112 年年會，逢甲大學，台中。
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