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- Journal of Technology, IE Area Editor（現）

學術論文發表

■ 期刊論文 (SCI/SSCI/TSSCI)

1. Chen YL, Cheng YT (2026). Comparative ergonomic assessment of three mouse designs: Biomechanical load and user acceptance after familiarization. *International Journal of Human-Computer Interaction* (SCI/SSCI) (accepted)
2. Chen YL, Chan CY, Fan YP, Wei TT (2026). Visually induced motion sickness during smartphone use in moving metro carriages: Effects of posture and viewing duration—a randomized crossover study. *Healthcare*, 14.12, 1707 (SSCI)
3. Chen YL, Hung YJ (2026). Sensor-based assessment of task-dependent visual–postural–muscular responses to smartphone holder use during a simulated riding-posture task. *Sensors*, 26.11, 3458 (SCI)
4. Chen YL, Yu S, Lee YC (2026). Hand function ergonomic determinants in aging: Effects of sex, age-group, and muscle mass in Taiwanese older adults. *International Journal of Industrial Ergonomics*, 111, 103852 (SCI/SSCI)
5. Chen YL, Su BR, Wang ST, Wang YC (2026). Smartphone gaming while walking increases visual fatigue compared with standing. *Scientific Reports*, 16, 3616 (SCI)
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7. Chen YL, Tang WH, Guan YX (2025). Gender-specific biomechanical effects of smartphone use with backpack load during standing and walking. *Scientific Reports*, 15, 36091 (SCI)
8. Chen YL, Hsu CW, Rahman A (2025). From mandate to choice: How voluntary mask wearing shapes interpersonal distance after COVID-19. *Healthcare*, 13.16, 1956 (SSCI)
9. Chen YL, Zhang LP (2025). Postural variability in sitting: Comparing comfortable, habitual, and correct strategies across chairs. *Applied Sciences*, 15, 7239 (SCI)
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15. 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)
16. 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)
17. Lin LJ, Yu SP, Lin YH, Chen YL* (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)
18. Chen YL, Liao YH (2024). Differential back muscle flexion-relaxation phenomenon in constrained versus unconstrained leg postures. *Bioengineering*, 11.7, 736 (SCI)
19. 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)
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26. 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)
27. 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)
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35. 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)
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 45. 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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 53. Chen YH, Chen YL* (2018). An optimal effective working height for hammering tasks. *Work*, 61, 181-187 (SSCI)
 54. 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)
 55. Chen YL (2018). Predicting external ischial tuberosity width for both sexes to determine their bicycle-seat sizes. *International Journal of Industrial Ergonomics*, 64, 118-121 (SCI/SSCI)
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65. Kuan WH, Chen YL* (2016). Bottle material and cleansing procedures of infant feeding bottles. *Southeast Asian Journal of Tropical Medicine and Public Health*, 47.1, 142-151 (SCI)
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■ 其它期刊論文

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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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■ 國際研討會論文 (近五年)

1. Yu CH, Jin YM, Chen YT, Wu WB, Chen YL (2026). Effects of a customized upper-limb exoskeleton on muscle activity and subjective exertion during static holding tasks. The 13th International Conference on Industrial Engineering and Applications (ICIEA 2026), Kyoto, Japan.
2. Hsu PC, Nguyen DD, Chen YL (2025). Biomechanical assessment of concurrent backpack carriage and smartphone use during walking at various speeds. The 25th Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS 2025), Hangzhou, China.
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5. 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.
6. 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.
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