

## 學術論文發表：

### ■ 期刊論文 (SCI/SSCI/TSSCI)

1. Chen YL, Rahman A (2023). Effects of target variables on interpersonal distance perception for young Taiwanese during the COVID-19 pandemic. *Healthcare*, 11.12, 1711 (SCI/SSCI)
2. 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)
3. 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)
4. 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)
5. 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)
6. 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)
7. Chen H, Liu Chao, Zhou F, Chiang CH, Chen YL, Wu K, Huang DH, Liu CY, Chiou WK (2022). The effect of animation-guided mindfulness meditation on the promotion of creativity, flow and affect. *Frontiers in Psychology*, 13, 894337 (SSCI)
8. 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)
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10. Kuan WH, Chen YL<sup>correspondence</sup>, 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)
11. 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)
12. 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)
13. 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)
14. 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)

15. Lee YC, Chen YL<sup>correspondence</sup> (2021). Influence of wearing surgical mask on interpersonal space perception between Mainland Chinese and Taiwanese people. *Frontiers in Psychology*, 12, 692404 (SSCI)
16. Chen YL, Ho TK, Chen KL (2021). Maximum strength levels for pulling and pushing handleless cartons in warehousing tasks. *Ergonomics*, 64.9, 1174-1182 (SCI/SSCI)
17. Chen YL, Nguyen HT, Chen Y (2021). Influences of schoolbag carrying loads and methods on body strains among young male students. *International Journal of Industrial Ergonomics*, 82, 103095 (SCI/SSCI)
18. 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)
19. Chen YL, Ou YS (2020). A case study of Taiwanese custom-beverage workers for their musculoskeletal disorders symptoms and wrist movements during shaking task. *International Journal of Industrial Ergonomics*, 80, 103018 (SCI/SSCI)
20. 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)
21. Chen YL, Cheng YT, Ye JN, Huang TL, Chen WN (2020). Posture and time arrangement influence shank circumference reduction when performing leg raising exercise. *International Journal of Environmental Research and Public Health* 17.16, 5735 (SCI/SSCI)
22. 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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24. 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)
25. Chen YL, Lin WC, Chen Y, Wen YW, Tsai TL, Yan SQ (2020). Effect of wearing jean on back muscle flexion-relaxation phenomenon. *International Journal of Industrial Ergonomics*, 76, 102938 (SCI/SSCI)
26. Chen YL, Lee YC (2019). Effects of lighting, liquid color, and type of containers on volume perception. *i-Perception*, 10(5), 1-12 (SSCI)
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29. Chen YL, Lin WC, Liao YH, Lin CJ (2018). Effect of individual flexibility and knee posture on the back muscle flexion-relaxation phenomenon. *International Journal of Industrial Ergonomics*, 68, 82-88 (SCI/SSCI)

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31. 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)
32. 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)
33. 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)
34. Chen YL, Shi LJ (2017). Effects of container elongation on consumers' volume perception. *Neuropsychiatry*, 7.4, 342-346 (SCI)
35. Chen YL, Wu BZ, Huang DH (2017). Effect of participant physiques on increases in shank circumference for the two prolonged standing conditions. *Human Factors and Ergonomics in Manufacturing & Service Industries*, 27.4, 171-176 (SCI)
36. 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)
37. Chen YL, Yu CY, Lin DY (2017). Musculoskeletal disorders caused by gas-cylinder handling tasks: A case study report. *Work*, 56, 403-407 (SSCI)
38. 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)
39. 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)
40. 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)
41. 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)
42. Kuan WH, Chen YL correspondence (2016). Bottle material and cleansing procedures of infant feeding bottles. *Southeast Asian Journal of Tropical Medicine and Public Health*, 47.1, 142-151 (SCI)
43. Chen YL, Chiou WK (2015). Comparison of static lifting capacity between experienced and novice Taiwanese female workers. *Work*, 52.3, 549-558 (SSCI)
44. 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)
45. Chiou WK, Chiu HT, Chao AS, Tsai TH, Chen YL correspondence (2015). The influence of body mass in foot dimensions during pregnancy. *Applied Ergonomics*, 46, 212-217 (SCI)
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  51. 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)
  52. Chen YL, Chen CC, Hsia PY, Lin SK (2013). Relationships of Borg's RPE 6-20 scale and heart rates in dynamic and static exercises among a sample of young Taiwanese men. *Perceptual and Motor Skills*, 117, 971-982 (SSCI)
  53. 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)
  54. Lee YC, Chen YL correspondence (2012). Optimal combination of auxiliary device size and its location on chopsticks for food-gripping performances. *Perceptual and Motor Skills*, 115.1, 1-10 (SSCI)
  55. Chen YL, He KC (2012). Changes in human cervical and lumbar spine curves while bicycling with different handlebar heights. *Work*, 41, 5826-5827 (SSCI)
  56. Chen YL, Lee YC (2012). Sex differences in static-lifting strengths at full-range exertion heights in a young Taiwanese sample. *Perceptual and Motor Skills*, 114.3, 1-12 (SSCI)
  57. Chen YL, Lee YC, Hsu TC (2011). Isometric push and pull strengths of young Taiwanese males. *Industrial Health*, 49, 696-702 (SCI/SSCI)
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  60. Chen SH, Lee YH, Chiou WK, Chen YL correspondence (2010). A pilot study examining seat heights and subjective ratings during rising and sitting. *International Journal of Industrial Ergonomics*, 40.1, 41-46 (SCI/SSCI)
  61. Lee YC, Chen YL correspondence (2008). An auxiliary device for chopsticks operation to improve the food serving performance. *Applied Ergonomics*, 39.6, 737-742 (SCI/SSCI)
  62. Chen YL, Chen WJ, Chiou WK (2007). An alternative method for measuring scoliosis curvature. *Orthopedics*, 30.10, 828-831 (SCI)
  63. Chen YL (2007). Driver personality characteristics related to self-reported accident involvement and mobile phone use while driving. *Safety Science*, 45, 823-831 (SCI)
  64. Chen YL (2003). Effectiveness of a new back belt in the maintenance of lumbar lordosis while sitting: a pilot study. *International Journal of Industrial Ergonomics*, 32, 299-303 (SCI/SSCI)

65. Chen YL (2003). Reply to letter to the editor. *Clinical Biomechanics*, 18.6, 566-566 (SCI)
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76. Chen YL (1998). Effects of shape and operation of chopsticks on food-serving performance. *Applied Ergonomics*, 29.4, 233-238 (SCI/SSCI)
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78. Chen YL, Lee YH (1997). A noninvasive protocol for the determination of lumbosacral vertebral angle. *Clinical Biomechanics*, 12.3, 185-189 (SCI)
79. Lee YH, Chen YL (1996). An isometric predictor for maximal acceptable weight of lift for Chinese men. *Human Factors*, 38.4, 646-653 (SCI/SSCI)
80. Lee YH, Chen YL (1996). Strength-limiting factors for the determination of frequent and infrequent lifting capacities. *International Journal of Industrial Ergonomics*, 18.2, 51-60 (SCI/SSCI)
81. Lee YH, Chen YL (1996). An isoinertial predictor for maximal acceptable lifting weights of Chinese male subjects. *American Industrial Hygiene Association Journal*, 57.5, 456-463 (SCI)
82. Lee YH, Chen YL (1995). Comparative analysis of the workload in seated and standing horizontal submaximal lifting tasks. *Ergonomics*, 38.9, 1859-1866 (SCI/SSCI)
83. Lee YH, Chen YL (1994). A between phases comparison of biomechanical parameters of lifting postures. *Journal of the Chinese Institute of Industrial Engineers*, 11.2, 47-53 (EI/TSSCI)
84. 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. 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)
2. 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)
3. 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.
4. 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.
5. Chen YL, Lin MH (2017). Effect of exertion conditions on maximum finger pinching-pulling force. *Industrial Design*, 135, 1-4. (in Chinese)
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14. Chen YL, Chen YJ, Chen SH (2007). Correlative analysis of musculoskeletal disorders and physical fitness for taxi drivers. *Mingchi University of Technology Journal*, 39.1, 39-47. (in Chinese)
15. 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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24. Chen YL, Lee YH (1999). Lumbar posture effect on trunk muscle EMG in holding tasks. *Journal of Ergonomic Study*, 1.1, 39-48.
25. Lee YH, Chen YL (1997). An isometric predictor for maximal acceptable weight of lift for Chinese men. *Occupational Health and Industrial Medicine*, 36.3, 101-102.

#### ■ 國際研討會論文 (近五年)

1. 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.
2. 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.
3. 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.
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5. 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.

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7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
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14. 陳一郎、謝采芹，不同標示設計組合之性別認知時間差異—以廁所標示為例。技術與教學國際研討會，明志科技大學，新北，2018。
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17. Chen YL, Huang YC (2018). Predicting external ischial tuberosity width for both sexes to determine their bicycle-seat sizes. 5th International Conference on Industrial Engineering and Applications (ICIEA 2018), Singapore (Best oral presentation paper).
18. Chen YL, Lee YC (2018). Effects of size and elongation of paired goblets on volume perceptions when viewing at various angles. 5th International Conference on Industrial Engineering and Applications (ICIEA 2018), Singapore.
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#### ■ 國內研討會論文 (近五年)

1. Yi-Lang Chen, Yi-Ming Hu, Tsai, Hans Alexander, Andi Rahman (2022). Analyses of musculoskeletal discomfort symptoms and risk factors among bus drivers in Taipei area, The 29th Ergonomics Society of Taiwan Annual Meeting and Conference, Tainan.
2. 陳一郎、林伯鴻、李正宗，工業級伺服器供應商的評選，中國工業工程學會 110 年年會，國立成功大學，台南。
3. 吳俊男、陳一郎，國人午間趴睡習慣之行為調查分析，2021 第 10 屆中華創新管理學會學術與實務研討會，國立臺中教育大學，台中。
4. 陳一郎、鄭雅庭，傳統與人因滑鼠對人體上肢負荷之訓練效應分析，人因工程學會 110 年年會，國立澎湖科技大學，澎湖。
5. 陳一郎、何珽恩、許智凱、陳右恆、詹佑群，台灣地區連鎖咖啡品牌主觀口味之差異分析，人因工程學會 110 年年會，國立澎湖科技大學，澎湖。
6. 陳一郎、蔡芳旻、徐唯宸、楊琄如、葉庭佑，伸展操對降低運動後小腿負荷之效應分析—以排球運動為例，人因工程學會 110 年年會，國立澎湖科技大學，澎湖。
7. 陳一郎、鄭世彰、陸映羽，現場機電作業人員之職業性肌肉骨骼危害分析，中國工業工程學會 109 年年會，國立雲林科技大學，雲林。
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