

5-year Publication in Refereed Journals

1. Chang, Wen-Tarn, Lin, C. J., Lee, Y-H, Chen*, H-J, 2018 (Nov.). Development of an observational checklist for falling risk assessment of high-voltage transmission tower construction workers, *International Journal of Industrial Ergonomics*, 68, 73-81. (SCI, SSCI, JCR 2017, 1.429, Ergonomics 8/16, Q2). MOST 105-2218-E- 011-009-MY2.
2. Woldegiorgis, Bereket; Lin*, Chiuhsiang; Liang, Wei-Zhi (2018, Sep). Impact of parallax and interpupillary distance on size judgment performances of virtual objects in stereoscopic displays. *Ergonomics*. (Accepted). (SCI, SSCI, JCR 2017, 2.019, Ergonomics 6/16, Q2). 本人為通訊作者.
3. Lin*, C. J., Widyaningrum, R. 2018 (May).The effect of parallax on eye fixation parameter in projection-based stereoscopic displays, *Applied Ergonomics*, 69, 10-16. (SCI, SSCI, JCR 2017, 2.435, Ergonomics 2/16, Q1). MOST 103-2221-E-011-100- MY3. 本人為第一作者、通訊作者.
4. Lin*, C.J., Woldegiorgis, B.H., 2018 (Feb.). Kinematic analysis of direct pointing in projection-based stereoscopic environments, *Human Movement Science*, 57, 21-31. (SCI, JCR 2017, 1.84, Sport Sciences 45/81, Q3). MOST 100-2221-E-011-162-MY3. 本人為第一作者、通訊作者.
5. Woldegiorgis, B.H., Lin*, C.J., 2017 (Dec.).The accuracy of distance perception in the frontal plane of projection-based stereoscopic environments, *Journal of the Society for Information Display*, 25(12), 701-711. (SCI, JCR 2016, 0.877, Engineering Electrical and Electronic 206/262, Q4). NSC 100-2221-E-011-162- MY3.
6. Lin*, C.J., Cheng, Lai-Yu, 2017(Oct.), Product attributes and user experience design: how to convey product information through user-centered service, *Journal of Intelligent Manufacturing*, 28(7), 1743-1754, SCI (JCR 2016, 3.035, ENGINEERING, MANUFACTURING 9/44 Q1).
7. Lin*, C.J., Woldegiorgis, B.H., 2017 (Oct.). Egocentric distance perception and performance of direct pointing in stereoscopic displays, *Applied Ergonomics*, 64, 66-74, (NSC 100-2221-E-011-162-MY3). SCI /SSCI (JCR 2016, 1.866, ERGONOMICS 4/16 Q1).
8. Lin*, C.J., Cheng, Chih-Feng, Chen, Hung-Jeng, Wu, Kuan-Ying, 2017 (April). Training performance of laparoscopic surgery in 2D and 3D displays, *Surgical Innovation*, 24(2), 162-170, (MOST 102-2221-E-011-091-MY2). SCI (JCR 2016, 1.909, SURGERY 92/196 Q2).
9. Lin*, C.J., Cheng, C.F., 2017 (Jan.). Lifting speed preferences and their effects on the maximal lifting capacity, *Industrial Health*, 55, 1-8, SCI (JCR 2016, 1.168, ENVIRONMENTAL SCIENCES 171/229 Q3).
10. Lin*, C. J., Widyaningrum, R. 2016 (Dec.). Eye Pointing in Stereoscopic Display,

Journal of Eye Movement Research, 9(5):4, 1-14, SCI (JCR 2015, 0.568, OPHTHALMOLOGY 54/56 Q4).

11. Lin*, C. J., Shiang, Wei-Jung, Wang, Rou-Wen, Chen, Tse-Jung, 2016 (Dec.). Evaluation of virtual reality presentation in user testing procedure for product usability of a conceptual design, *Journal of Technology*, 31(4), 307-318, EI.
12. Hsu, Feng-Wen, Lin, C. J., Lee Y-H, Chen*, Hung-Jen, 2016 (Sep.). Effects of elevation change on mental stress in high-voltage transmission tower construction workers, *Applied Ergonomics*, 56, 101-107, SCI /SSCI (JCR 2015, 1.713, ENGINEERING, INDUSTRIAL 14/44 Q2, ERGONOMICS 2/16 Q1).
13. Ho, Sui-Hua, Lin, C.J., Kuo*, Fen-Ling, 2016 (June). The Effects of Gardening on Quality of Life in People with Stroke, *WORK: A Journal of Prevention, Assessment, and Rehabilitation*, 54(3), 557-567, SSCI(JCR 2015, 0.715, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH 129/153 Q4).
14. Lin, C. J., Hsieh*, T.L., 2016 (May). Exploring the design criteria of website interfaces for gender, *International Journal of Industrial Ergonomics*, 53, 306-311, SCI/SSCI(JCR 2015, 1.0, ENGINEERING, INDUSTRIAL 30/44 Q3, ERGONOMICS 10/16 Q3).
15. Lin, C.J., Hsieh*, T.L., Yang, C. W., & Huang, R. J., 2016 (Feb.), The Impact of Computer-Based Procedures on Team Performance, Communication, and Situation Awareness. *International Journal of Industrial Ergonomics*, 51, 21-29, SCI/SSCI(JCR 2015, 1.0, ENGINEERING, INDUSTRIAL 30/44 Q3, ERGONOMICS 10/16 Q3).
16. Chuang, Chun-Yu, Lin*, C. J., Shiang, Wei-Jung, Hsieh, Tsung-Ling, Liou, Jin-Liang, 2016 (Jan.), Development of an objective mental workload assessment tool based on Rasmussen's skill-rule-knowledge framework, *Journal of Nuclear Science and Technology*, 53(1), 123-128, SCI(JCR 2015, 1.202, NUCLEAR SCIENCE & TECHNOLOGY 8/32 Q2).
17. Lin, C. J., Chen*, Hung-Jen, Choi, Jae-hoon, 2016 (Jan.), The Postural and Control-Display Gain Effects of Distal Pointing on Upper Extremity Fatigue, *Ergonomics*, 59(1), 73-84, (NSC 102-2221-E-011-091-MY2), SCI/SSCI(JCR 2015, 1.449, ENGINEERING, INDUSTRIAL 23/44 Q3 ERGONOMICS 5/16 Q2).
18. Lin, C.J., Hsieh*, T. L., 2016 (Jan.), Development of task analysis method for operator tasks in main control room of an advanced nuclear power plant, *Journal of Nuclear Science and Technology*, 53(1), 102-111, SCI(JCR 2015, 1.202, NUCLEAR SCIENCE & TECHNOLOGY 8/32 Q2).
19. Lin*, C.J., Woldegiorgis, B.H., 2015 (Nov.), Interaction and visual performance in stereoscopic displays: A review, *Journal of the Society for Information Display*, 23(7), 319-332, (NSC 102-2221-E-011 -091 -MY2), SCI(JCR 2014, 0.791, ENGINEERING, ELECTRICAL & ELECTRONIC 167/249 Q3).

20. Kao, Huei Chu, Lin, C. J., Lee, Yung Hui, Chen*, Su Huang, 2015 (Oct.), The Effects of Direction of Exertion, Path, and Load Placement in Nursing Cart Pushing and Pulling Tasks: An Electromyographical Study, PLoS ONE 10(10): e0140792. doi: 10.1371/journal.pone.0140792, SCI(JCR 2014, 3.234, MULTIDISCIPLINARY SCIENCES 9/57 Q1).
21. Chiu*, Chung Chia, Shiang, Wei-Jung, Lin, C. J., Wang, Ching-Huei, Chang, Der-Ming, 2015 (Aug.). Water footprint analysis of second-generation bioethanol in Taiwan, Journal of Cleaner Production, 101, 271-277. SCI(JCR 2014, 3.844, ENGINEERING ENVIRONMENTAL 10/47 Q1, ENVIRONMENTAL SCIENCES 24/221 Q1).
22. Lin*, C.J., Chen, Hung-Jen, Cheng, Ping-Yun, Sun, Tien-Lung, 2015 (Aug.). Effects of displays on visually-controlled task performance in three dimension virtual reality environment, Human Factors and Ergonomics in manufacturing and Service Industries, 25(5), 523-533. (NSC 98-2221-E -033-020-MY2), SCI/SSCI(JCR 2013, 0.862, ENGINEERING, MANUFACTURING 28/39 Q3, ERGONOMICS 9/16 Q3).
23. Yang, Ching-Chow, Cheng, Lai-Yu*, Lin, C.J., 2015 (Aug.). A typology of customer variability and employee variability in service industries, Total Quality Management & Business Excellence, 26(8), 825-839, SSCI(JCR 2014, 1.323, Management 85/185 Q2).
24. Lin, C.J., Cheng*, Lai-Yu, Wang, Ming-Ching, 2015 (July). Performance of estimating depth in projection based stereoscopic virtual display, Journal of the Society for Information Display, 23(2), 76-83, (NSC 100-2221-E-011 -162 -MY3), SCI(JCR 2014, 0.791, ENGINEERING, ELECTRICAL & ELECTRONIC 167/249 Q3).
25. Lin*, C.J., Ho, Sui-Hua, Chen, Yan-Jyun, 2015 (May). An investigation of pointing postures in a 3D stereoscopic environment, Applied Ergonomics, 48, 154-163. (NSC 100-2221-E-011-162-MY3). SCI /SSCI(JCR 2014, 2.023, ENGINEERING, INDUSTRIAL 17/43 Q2, ERGONOMICS 2/15 Q1).
26. Chen*, Su-Huang, Lee, Yung-Hui, Lin, C.J., 2015 (April). Effects of load position and force direction on back muscle loading in one-wheeled wheelbarrow tasks, WORK: A Journal of Prevention, Assessment, and Rehabilitation, 51, 113-119, SSCI(JCR 2014, 0.320, PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH 140/145 Q4).
27. Lin*, C.J., Hsieh, T. L., Yang, C.-W., 2015 (April), Human Factors in Control Room Modernisation, Measurement and Control, 48(3), 92-96. SCI(JCR 2014, 0.517, AUTOMATION & CONTROL SYSTEMS 50/58 Q4).
28. Kuo*, Tsai-Chi, Huang, Miao-Ling, Hsu, Chia Wei, Lin, C.J., Hsieh, Chih-Chun, Chu, Chih-Hsing, 2015 (Jan). Application of data quality indicator of carbon footprint and water footprint, International Journal of Precision Engineering and Manufacturing-Green Technology, 2(1), 43-50. SCI.
29. Lin*, C.J., Woldegiorgis, B.H., Caesaron, D., 2015 (Jan.), Distance estimation of

- near-field visual objects in stereoscopic displays, *Journal of the Society for Information Display*, 22(7), 370-379. (NSC 102-2221-E-011-091-MY2), SCI(JCR 2014, 0.791, ENGINEERING, ELECTRICAL & ELECTRONIC 167/249 Q3).
30. Lin*, C.J., Woldegiorgis, B.H., Caesaron, D., Cheng, Lai-Yu, 2015 (Jan.), Distance estimation with mixed real and virtual targets in stereoscopic displays, *Displays*, 36, 41-48, (NSC 100-2221-E-011-162-MY3), SCI(JCR 2014, 1.033, COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 22/50 Q2).
31. Lin, C.J., Cheng*, Lai-Yu, 2015 (Jan). An integrated model of service experience design improvement, *Service Industries Journal*, 35(1-2), 62-80, SSCI(JCR 2014, 0.832, MANAGEMENT 128/185 Q3).
32. 林久翔*、鄭來宇、何穗華、陳宏仁，2014(12月)，建構演進式高齡者居家生活智慧型互動系統，*福祉科技與服務管理學刊*，2(3)，221-228。(MOST 103-2221-E-011-100 -MY3)。
33. Lin*, C.J., Chang, C-C., Lee, Y-H., 2014(July). Developing a similarity index for static camouflaged target detection, *Imaging Science Journal*, 62(6), 337-341, SCI(JCR 2013, 0.315, IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY 23/23 Q4).
34. Lin*, C.J., Chang, C-C, Lee, Y-H, 2014(May). Evaluating Camouflage Design Using Eye Movement Data, *Applied Ergonomics*, 45(3), 714-723, SCI/SSCI(JCR 2013, 1.332, ENGINEERING, INDUSTRIAL 17/43 Q2, ERGONOMICS 3/16 Q1).
35. Lin*, C.J., Shiang, Wei-Jung, Chuang, Chun-Yu, Liou, Jin-Liang, 2014(April), Applying the Skill-Rule-Knowledge Framework to Understanding Operators' Behaviors and Workload in Advanced Main Control Rooms, *Nuclear Engineering and Design*, 270, 176-184, SCI(JCR 2013, 0.972, NUCLEAR SCIENCE & TECHNOLOGY 17/33 Q3).
36. Lin, C.J., Chen*, Hung-Jen, 2014(April), Modeling Movements of a Long Hand-held Tool with Effects of Moments of Inertia, *Human Movement Science*, 34, 233-245, (NSC 100-2221-E-011-162-MY3), SCI(JCR 2013, 2.207, SPORT SCIENCES 22/81 Q2).
37. Lin*, C.J., Chang, C-C, Liu, B-S, 2014(Feb). Developing and Evaluating a Target-Background Similarity Metric for Camouflage Detection, *PLoS ONE* 9(2): e87310. doi:10.1371/journal.pone.0087310, SCI(JCR 2013, 3.534, MULTIDISCIPLINARY SCIENCES 8/55 Q1).