


教師個人資料

一、教師基本資料表

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二、期刊論文

1. Y.-W. Hsu., 2018(Sep), "Comparison of Hand Pressures between Anatomically Shaped and Traditional Handles," International Journal of Advances in Science Engineering and Technology, 6(3), Spl. Issue-2, pp.23-27. (JIF, Technology (General)). MOST 105-2221-E-233-002.
2. Hsu, Y.W., 2018 (Jan), "The Subjective Comfort Ratings of Customized Handles," Canadian International Journal of Science and Technology, 10, pp. 63-71.
3. 許耀文，2017 (Mar)，" 坡度與地板滑溜度對人員物料搬運時步態之影響" ， 技術與創新管理 (TECHNOLOGY AND INNOVATION MANAGEMENT) ， 38(2) ， pp. 122-126.
4. Hsu, Y.W. and Chen, L., 2016 (Jul), "Comparison of Physiological Load among Different Sizes of Computer Mouse," Scientific Journal of Pure and Applied Sciences, 5(7), pp. 468-475.
5. Hsu, Y.W., 2016 (Jul/Aug), "The Influence of Elderly Vision Degradation on Subjective Rating of Floor Slipperiness," Human Factors and Ergonomics in Manufacturing & Service Industries, 26(4), pp. 491-500. (SSCI, SCI)
6. Hsu, Y.W. and Chen, L., 2014 (Sep), "The influences of slope and slipperiness on subjective rating of MMH," Advanced Materials Research, Vol. 1028, pp. 321-326. (EI)
7. C.-L. Huang, R.-K. Li, Tsai, C.H., Chung, Y.C. and Hsu, Y.W., 2014 (Jan), "A Study of Using Simulation to Overcome Obstacles That Block the Implementation of Critical Chain Project Management to Project Management Environment," International Journal of Academic Research in Accounting, Finance and Management Sciences, 4(1), pp. 21-35.
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9. Chung, Y.C., Hsu, Y.W., J.-T. Peng, Tsai, C.H. and H.-L. Huang, 2013 (Jun), "A Study of the Correlation between Knowledge Management Activities and Operational Performance in Taiwan Hospitals," Information Technology Journal, 12(8), pp. 1502-1511. (EI)
10. C.-L. Huang, R.-K. Li, Chung, Y.C., Hsu, Y.W. and Tsai, C.H., 2013 (May), "A study of using critical chain project management method for multi-project management improvement,"

International Journal of Academic Research in Economics and Management Sciences, 2(3), pp. 55-73.

11. Hsu, Y.W. and Li, K.W., 2013 (Feb), "The measurements of friction coefficient on ramps among different floor materials," Applied Mechanics and Materials, Vols. 303-306, pp. 790-793. (EI) doi:10.4028/www.scientific.net/AMM.303-306.790 (NSC 99-2221-E-233 -005 -)
12. Hsu, Y.W. and Chen, L., 2012 (Sep), "Prevalence of Musculoskeletal Disorders for Operators of Parade Formation in Temple Fair," Journal of Ergonomic Study, 14(2), pp. 91-103.
13. Chung, Y.C., Hsu, Y.W., S.-C. Tsai, H.-L. Huang and Tsai, C.H., 2012 (July), "The Correlation between Business Strategy, Information Technology, Organisational Culture, Implementation of CRM, and Business Performance in a High-Tech Industry," South African Journal of Industrial Engineering, 23(2), pp. 1-15. (SCI)
14. Hsu, Y.W., Chen, L., Chung, Y.C., C.-C. Liu and Tsai, C.H., 2012 (Jun), "A Study of the Influences of Screen Sizes and Viewing Distances on the Performance of Nintendo Wii," Information Technology Journal, 11(9), pp. 1279-1285. (EI)
15. Hsu, Y.W., Chung, Y.C., C.-C. Chiu, Tsai, C.H. and H-L Huang, 2011(Feb), "Assessing Slipperiness of Commonly Used Floors on the Campus Building," Journal of Quality, 18(1), pp. 75-85. (EI)
16. Hsu, Y.W. and C.-Y. Yu, 2010 (Nov), "Hand Surface Area Estimation Formula using 3D Anthropometry," Journal of Occupational & Environmental Hygiene, 7(11), pp. 633-639. (SCI)
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18. Hsu, Y.W. and Li, K.W., June 2010, "A field assessment of floor slipperiness in a fish market in Taiwan," Safety Science, 48(5), pp. 556-561. (SCI, EI) (NSC 97-2221-E-233 -005 -)
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20. Chung, Y.C., Hsu, Y.W. and Tsai, C.H., 2010, "Research on Correlation between Information Technology Involvement, Market Orientation, Innovative Activities Implementations and Firm Performances in Taiwan's Science Industrial Park," Information Technology Journal, 9(4), pp.621-631. (EI)
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22. 許耀文、游志雲、陳志勇，2008，" 手部體表面積估算公式之建立與驗證" ，人因工程學刊 (Ergonomic Study) ，10(1) ，pp. 59-66. (NSC 94-2213-E-233-005-)
23. Hsu, Y.W., Chung, Y.C., C.-P. Chen and Tsai, C.H., 2008, "Research on recognition of graphic symbols in amusement park: A case study of Taiwan's theme amusement park," Asian Journal on Quality, 9(2), pp. 79-89.

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25. Chung, Y.C., Hsu, Y.W., C.-P. Chen and Tsai, C.H., 2008, "An empirical study of the relationship between total quality management activities and business operational performance among Taiwan's high-tech manufacturers," *Journal of Applied Sciences*, 8(11), pp. 2021-2030.
26. Chung, Y.C., Hsu, Y.W. and Tsai, C.H., 2008, "An empirical study on the correlation between critical DFSS success factors, DFSS implementation activity levels and business competitive advantages in Taiwan's high-tech manufacturers," *Total Quality Management and Business Excellence*, 19(6), pp. 595-607. (SSCI)
27. Chung, Y.C., Hsu, Y.W. and Tsai, C.H., 2008, "The effect of eco-designing on the development of new products in high-tech firms: An empirical study," *International Journal of Management*, 25(3), pp. 403-417. (ABI)
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29. 許耀文、陳志勇、游志雲，2007，"以手長與手掌寬建立手部表面積的估算式"，*勞工安全衛生研究季刊*，15(1)，pp. 31-40。
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35. Li, K.W., Hsu, Y.W., Tsai, C.H., 2003, "Applying the BRIEF survey in Taiwan's high-tech industries," *Journal of the Computer, the Internet and Management*, 11(2), 78-86.
36. 李開偉、許耀文，1998，"新竹科學園區從業人員肌肉骨骼系統傷害症狀分布調查"，*勞工安全衛生研究季刊*，6(4)，pp. 21-34。
37. Li, K.W., Hsu, Y.W., 1998, "Prevalence of musculoskeletal symptoms for employees in Hsin-Chu Science Park," *J. Occup. Safety & Health*, 6(4), 21-34.

三、會議論文

1. Hsu, Y.W., 2018 (Jul), "Comparison of hand pressures between anatomically shaped and traditional handles," *International Conference on Science, Engineering & Technology - ICSET 2018 (Prague, Czech)*, 2018.07.21-22.

2. Hsu, Y.W., 2017 (Aug), "The Subjective Comfort Ratings of Customized Handles," International Conference on Healthcare, Applied Science and Engineering (ICHAE 2017) (Paris, France), 2017.08.12-13.
3. Hsu, Y.W. and Chen, L., 2016 (Jul), "Comparison of Physiological Load among Different Sizes of Computer Mouse," Global Conference on Engineering and Applied Sciences (GCEAS) (Sapporo, Japan), pp. 1218-1228, 2016.07.19-21.
4. Hsu, Y.W. and Chen, L., 2015 (Jul), "The influences of loading rates and floor slipperiness of stair on subjective ratings," International Conference on Engineering and Applied Sciences (ICEAS) (Sapporo, Japan), 2015.07.20-22.
5. Hsu, Y.W. and Chen, L., 2014 (Jul), "The influences of slope and slipperiness on subjective rating of MMH," 2014 2nd World Congress on Industrial Materials -Applications, Products, and Technologies International Conference on Engineering and Applied Science (Beijing, China), 2014.07.07-08.
6. Hsu, Y.W. and Li, K.W., 2012 (Dec), "The measurements of friction coefficient on ramps among different floor materials," The 2012 International Conference on Sensors, Measurement and Intelligent Materials (Guilin, China), 2012.12.26-27. (NSC 99-2221-E-233 -005 -)
7. Li, K.W., Hsu, Y.W. and C.-C. Chen, 2009, "Hardness, Abrasion, and Slip-Resistance of New and Used Shoes," The Asian Pacific Industrial Engineering and Management Systems (APIEMS) 2009 Conference (Kitakyushu, Japan), 2009.12.14-16, pp.459-463.
8. Hsu, Y.W., Li, K.W., Chung, Y.C., 2001, "Prevalence of Musculoskeletal Symptoms in Traditional Industries," APOSHO-17 Proceedings, pp. 568 -577.

四、研究計劃

計劃名稱	起迄年月	委託單位	計畫經費
參與式設計於人因工程課程之導入與學習成效評估	108/08/01-109/07/31	教育部	241,500
不同腳跟高度下 3D 列印客製化鞋墊對舒適度及足底壓力的影響 (MOST 106-2221-E-233 -004 -)	106/08/01-107/07/31	科技部	549,000
符合手部握持形態的螺絲起子握把設計對使用績效與舒適性之探討 (MOST 105-2221-E-233 -002 -)	105/08/01-106/07/31	科技部	640,000
以 3D 掃描與列印為基礎的滑鼠設計評估 (MOST 104-2221-E-233 -006 -)	104/08/01-105/07/31	科技部	519,000
手部表面資料的量測與機能姿勢資料庫之建置 (NSC 102-2221-E-233-005-MY2)	102/08/01-104/07/31	國家科學委員會	1,163,000
負重率與樓梯地板滑溜程度對腿部肌肉負荷的影響評估 (NSC 101-2221-E-233-001-)	101/08/01-102/07/31	國家科學委員會	459,000
木製廚具與櫥櫃廠觀光化之診斷計畫 (PT100171599)	100/08/01-100/12/31	經濟部學界關懷計畫	60,000
不同坡度與地板滑溜度對人員物料搬運的生物力學與主觀認知之影響 (NSC 100-2221-E-233-007-)	100/08/01-101/07/31	國家科學委員會	573,000

高齡者於不同斜度坡道上行走之防滑性評估 (NSC 99-2221-E-233-005-)	99/08/01- 100/07/31	國家科學委員會	425,000
老人視覺能力退化對地板抗滑性的主觀認知之 影響 (NSC 98-2221-E-233 -003 -)	98/08/01- 99/07/31	國家科學委員會	399,000
以主觀與客觀的量測評估魚市場地板的抗滑性 (NSC 97-2221-E-233 -005 -)	97/08/01- 98/07/31	國家科學委員會	307,000
手部表面積的量測與資料庫之建立 (NSC 94-2213-E-233-005-)	94/08/01- 95/07/31	國家科學委員會	269,000
陶瓷注漿作業之人因工程改善 (TH-99-專研 -IE-08)	99/04/16- 100/04/15	大華專案研究建 教合作案	60,000
三維圖譜於工作現場改善之應用 (TH-98-專研-IE-02)	98/01/15- 99/01/14	大華專案研究建 教合作案	81,000
教學大樓常用地板防滑性之探討	97/04/10- 98/04/09	大華專案研究建 教合作案	61,000

五、證照

- 1.證照：勞工安全衛生管理員（勞委會乙級）
- 2.證照：Project Management Professional (PMP)[®]
- 3.證照：MOS（Microsoft Office Specialist） Master
- 4.證照：專門職業及技術人員普通考試華語導遊人員、華語領隊人員
- 5.證照：PMA 市場產品行銷策略分析師
- 6.證照：商用雲端 APP 基礎檢定認證

六、學術榮譽

- 1.科技部 99~104、107 年度補助大專院校獎勵特殊優秀研究人才
- 2.大華科技大學 104 年度 產學合作 卓越獎
- 3.大華科技大學 100~103 年度產學合作 傑出獎
- 4.大華技術學院 94、99 年度 研究優良獎
- 5.中國工業工程學會 100 年度指導大專學生專題競賽決選
- 6.中國工業工程學會 94 年度年會暨學術研討會 學術論文佳作