

蕭桂芳博士 (Hsiao , Kuei-Fang)
教授，銘傳大學資訊管理學系

著作發表

(A) 學術期刊論文 (Refereed Journal Papers)

1. Cheng, S.C., Su, J.Y., **Hsiao, K.F.***, Rashvand, H.F. (2016). Latent semantic learning with time-series cross correlation analysis for video scene detection and classification. *Multimedia Tools and Applications*, Vol.75, No.20, p.12919-12940. (SCI)
2. **Hsiao, K.F.***, Rashvand, H.F. (2015). Data Modeling Mobile Augmented Reality: Integrated Mind and Body Rehabilitation. *Multimedia Tools and Applications*, Vol.74, No.10, p.3543-3560. (SCI)
3. Samoui, S., Zarai, F., Obaidat, M.S., **Hsiao, K.F.** and Kamoun, L. (2015). Improved IPsec Tunnel Establishment for 3GPP-WLAN Interworking. *International Journal of Communication Systems*, Vol.28, Issue.6, p.1180-1199. (SCI)
4. Rashvand, H.F. & **Hsiao, K.F.*** (2015). Smartphone Intelligent Applications: A Brief Review. *Multimedia Systems*, Vol.21, Issue.1, p.103-119.
5. Smaoui, S., Obaidat, M.S., Zarai, F., **Hsiao, K.F.** (2015). A New Secure and Efficient Scheme for Network Mobility Management. *Security and Communication Networks*, Vol.8, Issue.7 p.1360-1377. (SCI)
6. Omheni, N., Zarai, F., Obaidat, M. S., **Hsiao, K. F.**, and Kamoun, L. (2014). A novel media independent handover-based approach for vertical handover over heterogeneous wireless networks. *International Journal of Communication Systems*, Vol.27, Issue.5 p.811-824. (SCI)
7. **Hsiao, K.F.**, Su, J.Y., Rho, S., Rashvand, H.F. (2013). Modelling of Cardiorespiratory Endurance for Smart Sensor Enabled Exercising Course Design. *Sensor Letters*, Vol.11, p.1792-1798. (SCI)
8. **Hsiao, K.F.*** (2013). Using Augmented Reality for Students Health- Case of Combining Educational Learning with Standard Fitness. *Multimedia Tools and Applications*, Vol.64, No.2, p.407-421. (SCI)
9. Su, J.Y. & **Hsiao, K.F.*** (2013). Development of Integrated Appliance Controller and XML-based User Interface Description Language. *Journal of Informatics and Electronics*. Vol.6, No.1, p.43-50.

10. **Hsiao, K.F.***, Rashvand, H.F., Su, J.Y. (2013). Image Sensing Enabled Augmented Reality for Perceived Exertion and Cardiorespiratory Endurance. *IET Wireless Sensor System*, Vol.3, Issue.1, p.1-8. **(EI)**
11. **Hsiao, K.F.**, Chen, N.S., Huang, S.Y. (2012) Learning while Exercising for Science Education in Augmented Reality among Adolescents, *Interactive Learning Environments*, Vol.20, Issue.4, p.331-349. **(SSCI)**
12. **Hsiao, K.F.***, Chen, J.Y. & Chen, C.C. (2011) The Application of the Collaborative Problem Solving Approach onto Primary Science Education – A case of the Course of Power Mechanics, *Journal of Informatics and Electronics*. Vol.4, No.2, p.1-12.
13. **Hsiao, K.F.*** & Rashvand, H.F. (2011). Integrating Body Language Movements in Augmented Reality Learning Environment. A selective paper from the 5th IEEE/ FTRA to *Human-centric Computing and Information Sciences* 2011 1:1 (Springer Journal, indexed by OCLC, Scirus, Scopus, Summon by Serial Solutions)
14. **Hsiao, K.F.*** (2010) The Effects of Augmented Reality on Learning. (The reprinted Abstract publications are authorized by the publishers.) *Journal of CyberTherapy and Rehabilitation*, Vol.3, Issue.2, p.149-150. **(Indexed by Gale, EBSCO, PsycINFO)**
15. **Hsiao, K.F.*** (2010) Can We Combine Learning with Augmented Reality Physical Activity? *Journal of CyberTherapy and Rehabilitation*, Vol.3, Issue.1, p.51-62. **(Indexed by Gale, EBSCO, PsycINFO)**

(B) 研討會論文 (Refereed Conference Papers)

1. **Hsiao, K.F.*** (2015). A Dual-platform Augmented Reality Learning System for Ubiquitous Learning- Design, Implementation and Evaluation, Ministry of Science and Technology (MOST), Taichung, Taiwan, Nov. 14-15, 2015.
2. Chen, C.Y., Yeh, S.C., **Hsiao, K.F.**, Lo, Y.S., Wu, Y.F. (2015). The study of the accomplishment of indoor location service by using BLE. TANET, Nantou, Taiwan, Oct 21-23, 2015.
3. Cheng, C.Y., Cheng, S.C., **Hsiao, K.F.***, and Lin, J.B. (2015) Fast 3D Symmetric Pattern Indexing for Modeling, Tracking and Detection of Semantic Objects, CITS 2015, The 2015 International Conference on Computer, Information, and Telecommunication Systems, Gijon, Spain on July 15-17, 2015. (the conference

- proceedings published in IEEE Xplore)(EI)
4. **Hsiao, K.F.***, Chr, W.L and Cheng, L.I. (2015). The Development of the mobile AR Learning System. International Academic Conference, Taoyuan, Taiwan, March 13, 2015.
 5. **Hsiao, K.F.***, Su, J.Y., Cheng, L.I. & Hsieh, H.C. (2014). Analysis of the Registration Error Caused by Rotational Movement in Mobile Augmented Reality. International Academic Conference, Taoyuan, Taiwan, March 14, 2014.
 6. Su, J.Y., **Hsiao, K.F.***, Huang, P.H. & Hsieh, H.C. (2014). The Impact of the Battery Power in the Mobile Devices on the Types of the Message Delivery. International Academic Conference, Taoyuan, Taiwan, March 14, 2014.
 7. Yeh, S.C., **Hsiao, K.F.**, Hou, M.J., Hsiao, C.Y., Huang, P.H, Chen, H.H., Lin, P.Y. (2013). The Establishment of the Cloud Healthcare 2013 System. *National Computer Symposium (NCS 2013), Taichung, Taiwan, Dec, 13-14, 2013.*
 8. Lin, Y.H., Huang, S.Y., **Hsiao, K.F.**, Kuo, K.P. & Wang, L.T. (2013). A Kinect-based System for Golf Beginners' Training. *The 5th FTRA International Conference on Information Technology Convergence and Services (ITCS-13), Fukuoka, Japan, July, 8-10, 2013.* (the conference proceedings as one of Lecture Notes in Electrical Engineering series, LNEE) (EI)
 9. **Hsiao, K.F.*** & Jhuang Y.S., Hsieh, H.C. (2013). The Development of the Assessment System for an Interactive AR Learning Environment. *International Academic Conference, Taoyuan, Taiwan, March 15, 2013.*
 10. **Hsiao, K.F.*** & Rashvand, H.F. (2013). Exercise Mind and Body by Using Mobile Augmented Reality for the Elderly. The 2013 FTRA International Conference on Advanced IT, Engineering and Management (FTRA AIM-13), *Seoul, Korea, Feb 21-23, 2013.*
 11. **Hsiao, K.F.*** (2012). Results for NSC Project Year One: Enhancing Abstract Science Knowledge Learning Performance through Learning While Exercising, *2012 Department of Science Education Workshop, National Science Council, Tainan, Taiwan, November 16-17, 2012.*
 12. **Hsiao, K.F.*** & Rashvand, H.F. (2012). Using Sensor Enabled Augmented Reality for Healthcare. The first IET International Wireless Sensor Systems Conference (WSS 2012), *London, UK, June 18-19, 2012.* (the conference proceedings published in IEEE Xplore)(EI)
 13. **Hsiao, K.F.*** & Jhuang Y.S. (2012). Augmented Reality in Primary Science Education. *International Academic Conference, Taoyuan, Taiwan, March 19, 2012.*
 14. **Hsiao, K.F.*** & Chen, N.S. (2011). The Development of the AR-Fitness System in

- Education. *The 6th International Conference on E-learning and Games (Edutainment 2011)*, Taipei, Taiwan, 2011. (the conference proceedings as one of Lecture Notes in Computer Science series, LNCS) (EI)
15. **Hsiao, K.F.*** & Rashvand, H.F. (2011). Body Language and Augmented Reality Learning Environment. *The 5th IEEE/FTRA International Conference on Multimedia and Ubiquitous Engineering (MUE 2011), Crete, Greece, 2011*. (the conference proceedings published in IEEE Xplore)(EI)
 16. **Hsiao, K.F.***, Huang, S.Y., Kuo, K.B. & Sung, H.Y. (2011). The development of e-Fitness Training System. *International Academic Conference, Taiwan*.
 17. Chen, J.Y., **Hsiao, K.F.*** & Chen, C.C. (2011). The Use of Lego and Aboriginal Education in Taiwan. *International Academic Conference, Taiwan*.
 18. **Hsiao, K.F.*** (2010). The Effects of Augmented Reality on Learning. Proceedings of the 15th Annual CyberPsychology and CyberTherapy Conference, Seoul, Korea, 2010. (MEDLINE) (As the Invited Speaker)

(C) 其他著作 (Other Publications)

1. Rashvand, H.F. & **Hsiao, K.F.** (2016) Chapter 1: Integrating Telemedicine and Telehealth-Advancing Health at a Distance. Edited by Eren, H. & Webster, J.G.. *Telemedicine and Electronic Medicine*, p.3-32. CRC Press in an imprint of Taylor & Francis Group: London, UK.
2. **Hsiao, K.F.** (2010). The Effects of Augmented Reality on Learning. (The reprinted Abstract publications are authorized by the publishers.) *Annual Review of Cybertherapy and Telemedicine* as part of its *Studies in Health Technology and Informatics (SHTI)* series, p. 160-164. IOS Press: Netherlands. (MEDLINE)