人工智慧整合平台經驗分享

林口長庚醫院
醫療人工智能核心實驗室
林器弘副主任

經歷：

林口長庚醫院 醫療人工智能核心實驗室 副研究員/副主任　2018/09 ～ 至今

林口長庚醫院 風濕過敏免疫科/巨量資料與統計中心 博士後研究員 2017/03 ～ 2018/09

康寧大學 健康照護管理學系 副主任 2016/03 ～ 2016/09

康寧大學 教務處 教務秘書　2014/08 ～ 2015/07

康寧大學 教務處 課務組長　2014/03 ～ 2014/07

康寧大學 健康照護管理學系 助理教授 2014/02 ～ 2017/01

長庚大學 資訊管理學系 博士後研究員　2012/08 ～ 2014/01

國立體育大學 通識教育中心 兼任助理教授　2012/08 ～ 2014/01

中正大學 前瞻製造系統頂尖研究中心 博士後研究員　2011/09 ～2012/02

台大醫院 資訊室 專任研究助理/技術員　2002/07 ～ 2004/09

俐源有限公司 電腦工程師 1998/08 ～ 2000/06

榮譽：

2017 第十三屆 國際傑出發明家 學術國光獎章

103 學年度優良導師

Best Paper Award

Cheng, P. H., Lai, J. S., Shyu, F. M., Chan, T. Y., Wu, Y. F., Lin, C. H., & Chen, S. J. (2003). From Patient referral system to HL7 referral standard. Proc. of 2003 Medical Informatics Symposium in Taiwan (MIST), Kaohsiung, Taiwan, 177-182, 2003/10/17.

Lin, C. H., Lin, I. C., Roan, J. S., & Yeh, J. S. (2007). The Hospital adopts the research of HL7 standard influence factor. The 6th Asia-Pacific HL7 Conference on Healthcare Information Standards, Taipei, Taiwan, 78-89, 2007/6/19-22.

Distinguished Paper Award

Lin, I. C., Lin, C. H., Roan, J. S., Hu, L. F. (2011). Physicians' reactions to healthcare information technology: the moderating effects of the compatibility beliefs, 2011 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2011), Tokyo, Japan, 2949-2964, 2011/01/18-20.

冠軍：

國立中正大學 2010 跨學院閱讀與創意競賽 - 翻滾吧！愛迪兒 ～ 雲州擂台篇 研發創作組

專長：

醫療資訊管理與系統、資訊管理與技術、人工智慧技術、巨量資料分析、健康促進

近五年期刊論文：

1. Hsuan Yeh1,2‡, Chihung Lin3‡, Yan-Rong Li4, Chieh-Li Yen1,2, Cheng-Chia Lee1,2 , Jung-Sheng Chen3 , Kuan-Hsing Chen1,2, Ya-Chun Tian1,2 , Pi-Hua Liu4,5,＊ and Ching-Chung Hsiao1,2＊ (2020, Apr). Temporal trends of incident diabetic mellitus and subsequent outcomes in patients receiving kidney transplantation: A national cohort study in Taiwan. Diabetology & Metabolic Syndrome., 12(34), 1-14. (SCI, 100/145, Endocrinology &metabolism). 本人為第 一作者.

2. Ching-Chung Hsiao, Hui-Tzu Tu, Chi-Hung Lin, Kuan-Hsing Chen, Yung-Hsin Yeh and Lai-Chu See (2019, Mar). Temporal Trends of Severe Hypoglycemia and Subsequent Mortality in Patients with Advanced Diabetic Kidney Diseases Transitioning to Dialysis. Journal of Clinical Medicine, 8(4), 420. (SCI, 15/154 (Q1), Medicine, General & Internal).

3. Cristina Menni, Chihung Lin, Marina Cecelja, Massimo Mangino, Maria Luisa Matey-Hernandez, Louise Keehn, Robert P. Mohney, Claire J. Steves, Tim D. Spector, Chang-Fu Kuo, Phil Chowienczyk, and Ana M. Valdes (2018, May). Gut microbial diversity is associated with lower arterial stiffness in women. European Heart Journal, 39, 2390–2397. (SCI, Q1, 1/128, Cardiac & Cardiovascular Systems).

4. Lin, I-Chun, Lin, Chihung, Hsu, Chien-Lung, Roan, Jinsheng, Yeh, Jehn-Shan, Cheng, Yu-Han (2016). Usage Behavior and Intention Stability of Nurses: An Empirical Study of a Nursing Information System, The Journal of Nursing Research. 24(1), 48-57. (SSCI) DOI 10.1097/jnr.0000000000000103

5. Lin, C. H., Lin, I. C., & Roan, J. S. (2012) Barriers to Physicians Adoption of Healthcare Information Technology: An Empirical Study on Multiple Hospitals, Journal of Medical Systems. 36(3), 1965-1977. (Journal index SCI, Article index SSCI) DOI 10.1007/s10916-011-9656-7

6. Lin, C. H., Lin, I. C., Wu, C. H., Yang, Y. C., & Roan, J. S. (2012). The Application of Decision Tree and Artificial Neural Network to Income Tax Audit: The Examples of Profit-Seeking Enterprise Income Tax and Individual Income Tax in Taiwan. Journal of the Chinese Institute of Engineers. 35(4), 401-411. (Journal index SCI, Article index SSCI) DOI 10.1080/02533839.2012.655901

7. Lin, C. H., Lin, I. C., Roan, J. S., & Yeh, J. S. (2012) Critical Factors Influencing Hospitals' Adoption of HL7 Version 2 Standards: An Empirical Investigation, Journal of Medical Systems, 36(3), 1183-1192. (Journal index SCI, Article index SSCI) DOI 10.1007/s10916-010-9580-2