

履歷

個人資訊

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教育程度

期間	學校	學歷
2014/9-2024/6	國立台灣科技大學電機工程學系系統工程組	博士
2009/9-2011/6	華梵大學資訊管理所	碩士

認證及證照

ACA FLASH CS5	ACA
ACA PHOTOSHOP CS5	ACA
SSE Big Data Knowledge Today	SSE
SSE R Language Today	SSE
Information Technology Specialist: Python	Pearson
AI-900:Microsoft Azure AI Fundamentals	microsoft
Information Technology Specialist: Computational Thinking	Pearson
Information Technology Specialist: Cybersecurity	Pearson
Cisco: CCST	Pearson/ Cisco

電腦硬體裝修丙級

勞委會

Google Gemini AI 通識素養課程認證

台灣數位文化協會

TQL 專案管理核心認證

電腦技能基金會

專長與研究興趣

1. 智慧型計算
2. 人工智慧
3. 生物資訊

專業任職

工作期間	職稱	單位
2025/8-現今	專案助理教授	國立臺北護理健康大學
2024/10- 2025/7	博士後研究員	台北醫學大學醫學資訊研究所
2019/9- 2024/7	國科會計畫研究助理	台北醫學大學醫學資訊研究所

期刊發表

1. J Cia , ZJ Lee*, Z Lin, **MR Yang**, “A Novel SHAP-GAN Network for Interpretable Ovarian Cancer Diagnosis”, Mathematics, 13(5), 882.
2. Duyen Thi Do, **Ming-Ren Yang**, Tran Nam Son Vo, Nguyen Quoc Khanh Le, Yu-Wei Wu*, “Unitig-Centered Pan-Genome Machine Learning Approach for Predicting Antibiotic Resistance and Discovering Novel Resistance Genes in Bacterial Strains”, Computational and Structural Biotechnology Journal, 23:1864-1876, 2024.
3. ZJ Lee*, **MR Yang**, BJ Hwang (2024), A Sustainable Approach to Asthma Diagnosis: Classification with Data Augmentation, Feature Selection, and Boosting Algorithm, Diagnostics, 14(7), 723.

4. **Ming-Ren Yang**, Shun-Feng Su, and Yu-Wei Wu* (2023), “Using bacterial pan-genome-based feature selection approach to improve the prediction of minimum inhibitory concentration (MIC)”, *Frontiers in Genetics*, 14:1054032.
5. **Ming-Ren Yang** and Yu-Wei Wu* (2023), “A Cross-Validated Feature Selection approach for extracting the most parsimonious feature sets and discovering potential antimicrobial resistance (AMR) biomarkers”, *Computational and Structural Biotechnology Journal*, 21:769-779.
6. Duyen Thi Do, **Ming-Ren Yang**, Luu Ho Thanh Lam, Nguyen Quoc Khanh Le*, and Yu-Wei Wu* (2022), “Improving MGMT methylation status prediction of glioblastoma through optimizing radiomics features using genetic algorithm-based machine learning approach”, *Scientific Reports*, 12:13412.
7. **Ming-Ren Yang** and Yu-Wei Wu* (2022), “Enhancing predictions of antimicrobial resistance of pathogens by expanding the potential resistance gene repertoire using a pan-genome-based feature selection approach”, *BMC Bioinformatics*, 23:131.
8. **Ming-Ren Yang**, Zne-Jung Lee, Chou-Yuan Lee, Bin-Yu Peng, Hsiang Huang (2017), “An Intelligent Algorithm Based on Bacteria Foraging Optimization and Robust Fuzzy Algorithm to Analyze Asthma Data”, *International Journal of Fuzzy Systems*, 1-9.
9. 楊明仁*、葉雅正、梁伊傑(2021), 我國撞球學位論文研究主題探討, 休閒與社會研究第廿四期, 12.
10. 李仁鐘、潘季豪、林辰謙、楊明仁(2014), 企業對員工可攜式設備管理之研究-以H公司為例, 電腦科學與教育科技學刊 vol4.
11. 楊明仁*、李秋緣、張力允、呂聰輝、林詩偉、李仁鐘(2012), 模擬退火法結合禁忌搜尋演算法求解協同配送問題, 華岡工程學報