

參考資料 2025-2020

一、期刊論文：

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- [6] **Wang, H. F.**, Ueng, F. B., & Sung, Y. H. (2022). Low-complexity MU-MIMO-GFDM joint receivers. *International Journal of Electronics*, 110(6), 1156 – 1177. <https://doi.org/10.1080/00207217.2022.2068666> (SCI, Q4, IF: 1.0)
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二、研討會論文：

A. 國際研討會：

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- [2] **H. -F. Wang** et al., "Design and Implementation of a Training Platform System for Unmanned Aerial Vehicle, " *2025 International Conference on Consumer Electronics -*

Taiwan (ICCE-Taiwan), Kaohsiung, Taiwan, 2025.

- [3] **H. -F. Wang** et al., "Implementation of Wireless MESH Network-based IoTs Applications with Drone Swarm," *2025 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan)*, Kaohsiung, Taiwan, 2025.
- [4] Sulin Chi, **Hsuan Fu Wang**, Tetsuya Shimamura, "Channel Analysis and Adaptation for Distributed Blind Equalization over Wireless Sensor Networks," *2025 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan)*, Kaohsiung, Taiwan, 2025.
- [5] Sulin Chi, **Hsuan Fu Wang**, Tetsuya Shimamura, "Block-Variable Combination Strategy for Distributed Blind Estimation in Fading Channel," *2025 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan)*, Kaohsiung, Taiwan, 2025.
- [6] **H. -F. Wang**, R. Kao, C. -H. Chuang, J. -M. Xu and D. -W. Chung, "Tiny Environmental Sensors," *2024 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan)*, Taichung, Taiwan, 2024, pp. 377-378, doi: 10.1109/ICCE-Taiwan62264.2024.10674251. (EI)
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- [11] T. -D. Wu, **H. -F. Wang**, P. -H. Hsu, K. -K. Tiong, L. -C. Chang and C. -H. Chang, "Target Detection and Recognition in Synthetic Aperture Radar Images Using YOLO Deep Learning Methods," *2023 International Conference on Consumer Electronics - Taiwan (ICCE-Taiwan)*, PingTung, Taiwan, 2023, pp. 593-594, doi: 10.1109/ICCE-Taiwan58799.2023.10226736. (EI)
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B. 國內研討會：

- [1] 許森, 陳治臻, 陳友倫, **王萱鎬**, “遠距智慧教學平台之研究-以護理實習為例,” 2025DLT 數位生活科技研討會暨民生電子論壇, 2025.
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- [3] 王建富, 陳治臻, 陳友倫, **王萱鎬**, “應用影像辨識技術於手部活動度之訓練,” 2023 中華民國力學學會年會暨第 47 屆全國力學會議, 2023.
- [4] 黃茂軒、陳治臻、**王萱鎬**、陳友倫, “基於影像處理之頭控滑鼠實作研究,” 2021 年, 第廿二屆民生電子研討會
- [5] 簡建鴻、**王萱鎬**、陳治臻, “行動裝置與雲端技術於企業營運效能強化之研

究,” 2021 年, 第廿二屆民生電子研討會

C. 計畫(含產學、國科會、教育部、校內計畫/課程補助)：

編號	擔任職務	計畫名稱	計畫起迄	委託機構
1	主持人	WiFi Hallow 物聯網	114/05/01- 114/08/31	工研院
2	主持人	114 年深耕短期產學輔導校內補助案	114/03/01- 114/08/31	虎科大
3	共同主持人	eVTOL 無人機群飛協調控制與變翼結構研製之技術研發(2/2)(114-2218-E-150-005-)	114/06/01~ 115/05/31	國科會
4	主持人	113 下微學分課程	114/02/01- 114/07/31	虎科大
5	主持人	113 下創新教學課程	114/02/01- 114/07/31	虎科大
6	主持人	114 年虎豐星星暑期教育營隊	114/02/01- 114/07/31	虎科大
7	共同主持人	eVTOL 無人機群飛協調控制與變翼結構研製之技術研發—eVTOL 無人機群飛協調控制與變翼結構研製之技術研發(1/2)(113-2218-E-150-003-)	113/06/01~ 114/05/31	國科會
8	主持人	114 年教師專業成長社群	114/08/01- 115/01/31	虎科大
9	主持人	AMR 通訊電路可靠度測試服務	113/06/06- 113/07/25	工研院
10	主持人	2024 年鼓勵性計畫	113/08/01~ 114/07/31	虎科大
11	主持人	113 年教師專成長業社群	113/08/01- 113/01/31	虎科大
12	主持人	113 年深耕短期產學輔導校內補助案	114/03/01- 114/08/31	虎科大
13	主持人	113 上創新教學課程計畫	113/08/01~ 114/01/31	虎科大
14	主持人	113 上 15+3 週跨域學習課程	113/08/01- 114/02/01	虎科大
15	主持人	112 下 15+3 週跨域學習課程	113/02/01-	虎科大

			113/07/31	
16	主持人	113 上創新教學課程	113/08/01- 114/02/01	虎科大
17	主持人	112 下創新教學課程	113/02/01- 113/07/31	虎科大
18	主持人	驅動模組通訊及測試分析	112/06/08- 112/07/31	工研院
19	共同主持人	應用於機場海關--具智慧辨識且即時監控、可示警之可見光及遠紅外線熱影像雙模偵測系統設計及實現 (111-2622-E-224-008-)	111/06/01~ 113/05/31	國科會
20	研究人員	111 年技專校院下世代人才培育課程革新試辦計畫	110/01/01- 110/12/31	教育部
21	研究人員	臺越科研計畫	109/07/01- 110/06/30	科技部