

期刊論文 Journal Papers

1. Tan-Hsu Tan, Guan-Hua Chen, Shing-Hong Liu*, Wenxi Chen “Detecting Occurrences of Sleep Apnea from a Single-Lead Electrocardiogram Using Stacking Hybrid Architecture with Gated Recurrent Neural Network Architectures and Logical Regression,” *Technologies*, 2026, 14(2), 92. <https://doi.org/10.3390/technologies14020092>, Feb. 2026. (SCI IF: 3.6)
2. Erfan Dejband, Tan-Hsu Tan, Yibeltal Chanie Manie, Cheng-Kai Yao, Tzu-Chiao Lin, Hung-Ming Chen, Wen-Yang Hsu, Chun-Hsiang Peng, Po-Young Huang, Peng-Chun Peng*, “Advanced Sensor Signal Processing for Resolving Overlapping Temperature Events in Industrial Applications,” *IEEE Sensors Journal*, pp. 6450 – 6463, Jan. 2026. (SCI IF: 4.5)
3. Azadeh Alizargar, Yang-Lang Chang, Mohammad Alkhaleefah, Tan-Hsu Tan*, “Precision Non-Alcoholic Fatty Liver Disease (NAFLD) Diagnosis: Leveraging Ensemble Machine Learning and Gender Insights for Cost-Effective Early Detection,” *Bioengineering* 2024, 11, 600. <https://doi.org/10.3390/bioengineering11060600>, June 2024. (SCI IF: 3.8)
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9. Tan-Hsu Tan, Jyun-Yu Shih, Shing-Hong Liu*, Mohammad Alkhaleefah, Yang-Lang Chang, and Munkhjargal Gochoo, “Using Hybrid Neural Network and Regularized Extreme Learning Machine for Human Activity Recognition by Smartphone and Smartwatch,” *Sensors* 2023, 23, 3354. <https://doi.org/10.3390/s23063354>, March 2023. (SCI, IF: 3.576)
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研討會論文 Conference Papers

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