

張雨末



職稱： 助理教授
學院/部門： 人文藝術學院/數字媒體
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教研領域

數字圖像處理，數字媒體，遊戲設計，多媒體技術，AIGC，大數據分析。

學歷

2019 - 2022 澳門科技大學，計算機技術及其應用專業，理學博士學位
2017 - 2019 澳門科技大學，計算機與資訊系統專業，理學碩士學位
2013 - 2017 澳門科技大學，電子資訊科技專業，理學學士學位

工作經驗

2023-2024 澳門科技大學 / 計算機科學與工程學院 / 博士後研究員

學術成果

期刊文章:

Yumo Zhang, Zhanchuan Cai, and Gangqiang Xiong, "A New Image Compression Algorithm Based on Non-Uniform Partition and U-System," in *IEEE Transactions on Multimedia*, vol. 23, pp. 1069-1082, 2021, doi: 10.1109/TMM.2020.2992940. (2021IF:8.182)

Yumo Zhang, Zhanchuan Cai, and Ben Ye, "An Image Importance Partition-Based Compression Method for COVID-19 Computed Tomography Scan," in *IEEE Transactions on Industrial Informatics*, vol. 18, no. 7, pp. 4596-4607, July 2022, doi: 10.1109/TII.2021.3117258. (2022IF:12.3)

Yumo Zhang and Zhanchuan Cai, "DNP-AUT: Image Compression Using Double-Layer Non-Uniform Partition and Adaptive U Transform," in *IEEE Transactions on Multimedia*, vol. 27, pp. 249-262, 2025, doi: 10.1109/TMM.2024.3521853. (2024IF:9.7)

獎項

Macao Scientific and Technological R&D Award for Postgraduates, Science and Technology Development Fund of Macau SAR, 2022.

First Prize at 18th "Huawei Cup" China Post-graduate Mathematical Contest in Modeling (MCM), China Academic Degrees and Graduate Education Development Center and China Graduate Mathematical Contest in Modeling Committee, 2021.

First Prize at 17th "Huawei Cup" China Post-graduate Mathematical Contest in Modeling (MCM), China Academic Degrees and Graduate Education Development Center and China Graduate Mathematical Contest in Modeling Committee, 2020.

Second Prize at 16th "Huawei Cup" China Post-graduate Mathematical Contest in Modeling (MCM), China Academic Degrees and Graduate Education Development Center and China Graduate Mathematical Contest in Modeling Committee, 2019.