

张雨末



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学院/部门：人文艺术学院/数字媒体
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教研领域

数字图像处理，数字媒体，游戏设计，多媒体技术，AIGC，大数据分析。

学历

2019 - 2022 澳门科技大学，计算机技术及其应用专业，理学博士学位
2017 - 2019 澳门科技大学，计算机与资讯系统专业，理学硕士学位
2013 - 2017 澳门科技大学，电子资讯科技专业，理学学士学位

个工作经验

2023-2024 澳门科技大学 / 计算机科学与工程学院 / 博士后研究员

学术成果

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)

奖项

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.