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| 通過論文審查 | | |
| 通過校內口試 | | |
| 通過校外口試 | | |
| 論文名稱 | | |

著作目錄

International Journal Papers

1. **Yijie Lin**, Chia-Chen Lin, Jui-Chuan Liu and Chin-Chen Chang*, (2023): “Verifiable (t,n) Secret Image Sharing Scheme Based on Slim Turtle Shell Matrix”, *Journal of Information Security and Applications*. (2023/12/13)
2. Jui-Chuan Liu, Ching-Chun Chang, **Yijie Lin***, Chin-Chen Chang* and Ji-Hwei Horng, (2023): “A Matrix Coding Oriented Reversible Data Hiding Scheme Using Dual Digital Images”, *Mathematics*. (2023/12/24)
3. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2024): “Embedding Secret Data in a Vector Quantization Codebook Using a Novel Thresholding Scheme”, *Mathematics*. (2024/04/18)
4. Jui-Chuan Liu, **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2024): “A Side Match Oriented Data Hiding Based on Absolute Moment Block Truncation Encoding Mechanism with Reversibility”, *Multimedia Tools and Applications*. (2024/06/21)
5. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2024): “An Innovative Recompression Scheme for VQ Index Tables”, *Future Internet*. (2024/08/16)
6. **Yijie Lin**, Chia-Chen Lin*, Ching-Chun Chang and Chin-Chen Chang, (2024): “An IoT-Based Electronic Health Protection Mechanism with AMBTC Compressed Images”, *IEEE Internet of Things Journal*. (2024/09/16)
7. **Yijie Lin**, Jui-Chuan Liu*, Ching-Chun Chang and Chin-Chen Chang*, (2024): “Lossless Recompression of Vector Quantization Index Table for Texture Images Based on Adaptive Huffman Coding through Multi-Type Processing”, *Symmetry*. (2024/10/22)
8. Ching-Chun Chang, **Yijie Lin***, Jui-Chuan Liu* and Chin-Chen Chang*, (2024): “Reversible Data Hiding in Absolute Moment Block Truncation Codes via Arithmetical and Logical Differential Coding”, *Cryptography*. (2024/12/28)
9. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2025): “A Puzzle Matrix Oriented Secret Sharing Scheme for Dual Images with Reversibility”, *Signal Processing*. (2025/04/15)
10. **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Tampering Detection in AMBTC Compressed Code Using Matrix Coding”, *Electronics*. (2025/04/28)

11. Zhe-Min Yeh, Chia-Chen Lin*, **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2025): “High-Capacity Reversible Data Hiding in Encrypted Hyperspectral Images Using MSB Prediction and Arithmetic Coding”, *Journal of Information Hiding and Multimedia Signal Processing*. (2025/05/26)
12. **Yijie Lin**, Jui-Chuan Liu*, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Reversible Data Hiding in Encrypted DICOM Images via Pattern Matching and Dynamic Huffman Coding”, *Displays*. (2025/05/29)
13. **Yijie Lin**, Chia-Chen Lin*, Ching-Chun Chang and Chin-Chen Chang, (2025): “Hiding Information in Encrypted Images with (t,n) Secret Sharing for IoT and Cloud Services”, *Journal of Information Security and Applications*. (2025/06/04)
14. **Yijie Lin**, Chia-Chen Lin*, Zhe-Min Yeh, Ching-Chun Chang and Chin-Chen Chang*, (2025): “A High-Capacity Reversible Data Hiding Scheme for Encrypted Hyperspectral Images Using Multi-Layer MSB Block Labeling and ERLE Compression”, *Future Internet*. (2025/08/19)
15. Ching-Chun Chang, **Yijie Lin** and Isao Echizen, (2025): “Cyber-Physical Steganography in Robotic Control”, *IEICE Transactions on Information and Systems*. (2025/09/11)
16. **Yijie Lin**, Ching-Chun Chang*, Hanrui Wang, Yuyang Sun, and Isao Echizen, (2025): “Sustainable Steganography via Neural Trojans for Geographic Satellite Remote Sensing”, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*. (2025/12/21)
17. Yichen Wang, **Yijie Lin***, Ching-Chun Chang, Chin-Chen Chang*, and Wu-Yuin Hwang (2026): “High-Capacity and Secure Data Hiding for Medical Images in IoMT-Based eHealth Systems”, *Sensors*. (2026/05/08)

International Conference Papers

1. Chin-Chen Chang*, Jui-Chuan Liu, Ching-Chun Chang and **Yijie Lin**, (2023): “Hiding Information in a Reordered Codebook Using Pairwise Adjustments in Codewords”, *2024 5th International Conference on Computer Vision and Computational Intelligence (CVCI 2024)*, 2024-01, Bangkok, Thailand. (2023/10/18)

Revised Papers

1. **Yijie Lin**, Jui-Chuan Liu*, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Controllable Morphology between Contour and Colour for Consumer Privacy-Usability Dilemma in Thumbnail-Preserving Encryption”, submitted to *IEEE Transactions on Consumer Electronics*. (2025/04)

Submitted Papers

1. **Yijie Lin**, Yichen Wang, Ching-Chun Chang and Chin-Chen Chang*, (2025): “A Phased Framework for Lossless Recompression of Index Tables in Medical VQ Images”, submitted to *Signal, Image and Video Processing*. (2025/07/17)
2. Shih-Hong Gu, **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Reversible Data Hiding for Thumbnail-Preserving Encryption with Arnold Scrambling”, submitted to *Signal, Image and Video Processing*. (2025/10/19)
3. **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2026): “Integrity-Aware AMBTC: A Unified Framework for Data Compression and Authentication”, submitted to *Signal Processing: Image Communication*. (2026/02/08)
4. Yichen Wang, **Yijie Lin***, Ching-Chun Chang, Chin-Chen Chang*, and Wu-Yuin Hwang (2026): “Dual Image Reversible Steganography via Puzzle Block Reference Mapping”, submitted to *Journal of Visual Communication and Image Representation*. (2026/04/02)
5. **Yijie Lin**, Chia-Chen Lin*, Ching-Chun Chang and Chin-Chen Chang, (2026): “Bit Depth Obfuscation: A Distributed Secure Framework for DICOM Images in IoMT

- with Independent Recovery”, *Journal of Information Security and Applications*. (2026/04/15)
6. **Yijie Lin**, Ching-Chun Chang*, Isao Echizen, Hui Li and Chin-Chen Chang (2026): “Retrosynthesis of Synthetic Media for Explainable AI Provenance Forensics”, *Engineering Applications of Artificial Intelligence*. (2026/05/14)

Pending

1. Hengxiao Chi, **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2025): “High-Resolution Two-Image Data Hiding Method” (2025/04)
2. Fan-Yun Chen, **Yijie Lin**, Ching-Chun Chang and Chin-Chen Chang*, (2025): “IoT-Based Health Protection via Reversible Data Hiding in VQ-Compressed Medical Images” (2025/06)

Patents

1. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2024): “A Dual Image Secret Sharing Steganography Method Based on the Puzzle Reference Matrix”. (Filed 2024/11)
2. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Reversible Data Hiding Method for Encrypted DICOM Images based on Pattern Matching and Dynamic Huffman Coding”. (Filed 2025/01)
3. **Yijie Lin**, Jui-Chuan Liu, Ching-Chun Chang and Chin-Chen Chang*, (2025): “Information Steganography and Tampering Detection Method Based on AMBTC Compression Code”. (Filed 2025/01)