

冯伟



学历：	博士研究生	学位：	工学博士
职务：	无	职称：	副研究员
联系方式：	fengwei@pzhz.edu.cn	研究方向：	多媒体安全，机器学习

教育经历

- 博士（2013.09—2019.06）：合肥工业大学，电气工程专业

工作经历

- 2007.06—今：攀枝花学院，数学与计算机学院（大数据学院），历任助教、讲师、副研究员

学术论文

- **Wei Feng**, Jing Zhang, Yao Chen, Zhentao Qin, Yushu Zhang, Musheer Ahmad, Marcin Woźniak. Exploiting robust quadratic polynomial hyperchaotic map and pixel fusion strategy for efficient image encryption [J]. Expert Systems With applications, 2024, 246: 123190（**第一作者、通讯作者**，中科院 1 区检索）
- Heping Wen, Zhaoyang Feng, Chixin Bai, Yiting Lin, Xiangyu Zhang, **Wei Feng**. Frequency-domain image encryption based on IWT and 3D S-box [J]. Physica Scripta, 2024, 99 (5): 055254（中科院 3 区检索）
- Abdul Razaq, Louai A. Maghrabi, Musheer Ahmad, Farrah Aslam, **Wei Feng**. Fuzzy Logic-Based Substitution-Box for Robust Medical Image Encryption in Telemedicine [J]. IEEE Access, 2024, 12: 7584-7608（中科院 3 区检索）
- **Wei Feng**, Quanwen Wang, Hui Liu, Yu Ren, Junhao Zhang, Shubo Zhang, Kun Qian, Heping Wen. Exploiting Newly Designed Fractional-Order 3D Lorenz Chaotic System and 2D Discrete Polynomial Hyper-Chaotic Map for High-Performance Multi-Image Encryption [J]. Fractal and Fractional, 2023, 7 (12): 887（**第一作者**，中科院 2 区检索）
- Heping Wen, Zhiyu Xie, Zhuxi Wua, Yiting Lin, **Wei Feng**. Exploring the future application of UAVs: Face image privacy protection scheme based on chaos and DNA cryptography [J]. Journal of King Saud University - Computer and Information Sciences, 2024, 36: 101871（中科院 2 区检索）
- Kun Qian, Yang Xiao, Yinjie Wei, Di Liu, Quanwen Wang, **Wei Feng**. A Robust Memristor-Enhanced Polynomial Hyper-Chaotic Map and Its Multi-Channel Image Encryption Application [J]. Micromachines, 2023, 14 (11): 2090（**通讯作者**，中科院 3 区检索）
- Hongmin, Shuqi Yu, **Wei Feng**, Yao Chen, Jing Zhang, Zhentao Qin, Zhengguo Zhu, MarcinWozniak. Exploiting Dynamic Vector-Level Operations and a 2D-Enhanced Logistic Modular Map for Efficient Chaotic Image Encryption [J]. Entropy, 2023, 25 (8), 1147（**通讯作者**，中科院 3 区检索）
- Vincent Omollo Nyangaresi, Musheer Ahmad, Ahmed Alkhayyat, **Wei Feng**. Artificial neural network and symmetric key cryptography based verification protocol for 5G enabled Internet of Things [J]. Expert Systems, 2022, 39 (10): e13126（中科院 4 区检索）
- **Wei Feng**, Xiangyu Zhao, Jing Zhang, Zhentao Qin, Junkun Zhang, Yigang He. Image Encryption Algorithm Based on Plane-Level Image Filtering and Discrete Logarithmic Transform [J]. Mathematics, 2022, 10 (15): 2751（**第一作者**，中科院 2 区检索）

- Kun Qian, **Wei Feng**, Zhentao Qin, Jing Zhang, Xuegang Luo, Zhengguo Zhu. A novel image encryption scheme based on memristive chaotic system and combining bidirectional bit-level cyclic shift and dynamic DNA-level diffusion [J]. *Frontiers in Physics*, 2022, 10: 963795 (通讯作者, 中科院 3 区检索)
- 冯伟, 张靖, 秦振涛, 何怡刚. 基于变步长约瑟夫遍历和 DNA 动态编码的图像加密算法的安全性分析 [J]. *电子与信息学报*, 2022, 44 (10): 3635-3642 (第一作者, 中科院 4 区检索)
- **Wei Feng**, Jing Zhang, Zhentao Qin. A Secure and Efficient Image Transmission Scheme Based on Two Chaotic Maps [J]. *Complexity*, 2021, 2021: 1898998 (第一作者, 中科院 3 区检索)
- **Wei Feng**, Zhentao Qin, Jing Zhang, Musheer Ahmad. Cryptanalysis and Improvement of the Image Encryption Scheme Based on Feistel Network and Dynamic DNA Encoding [J]. *IEEE Access*, 9: 145459-145470 (第一作者, 中科院 2 区检索)
- Hongmin Li, Tie Li, **Wei Feng**, Jing Zhang, Jun Zhang, Lixia Gan, Chunlai Li. A novel image encryption scheme based on non-adjacent parallelable permutation and dynamic DNA-level two-way diffusion [J]. *Journal of Information Security and Applications*, 2021, 61: 102844 (通讯作者, 中科院 3 区检索)
- Chunlai Li, Yang Zhou, Hongmin Li, **Wei Feng**, Jianrong Du. Image encryption scheme with bit-level scrambling and multiplication diffusion [J]. *Multimedia Tools and Applications*, 2021, 80 (3): 1-23 (中科院 4 区检索)
- Yang Zhou, Chunlai Li, Wen Li, Hongmin Li, **Wei Feng**, Qian Kun. Image encryption algorithm with circle index table scrambling and partition diffusion [J]. *Nonlinear Dynamics*, 2021, 103 (9): 2043-2061 (中科院 2 区检索)
- **Wei Feng**, Jing Zhang. Cryptanalyzing a Novel Hyper-Chaotic Image Encryption Scheme Based on Pixel-Level Filtering and DNA-Level Diffusion [J]. *IEEE Access*, 2020, 8: 209471-209482 (第一作者, 中科院 2 区检索)
- **Wei Feng**, Yigang He, Hongmin Li, Chunlai Li. A Plain-Image-Related Chaotic Image Encryption Algorithm Based on DNA Sequence Operation and Discrete Logarithm [J]. *IEEE Access*, 2019, 7: 181589-181609 (第一作者, 中科院 2 区检索)
- **Wei Feng**, Yigang He, Hongmin Li, Chunlai Li. Cryptanalysis and Improvement of the Image Encryption Scheme Based on 2D Logistic-Adjusted-Sine Map [J]. *IEEE Access*, 2019, 7: 12584-12597 (第一作者, 中科院 2 区检索)
- Chunlai Li, Kun Qian, Shaobo He, Hongmin Li, **Wei Feng**. Dynamics and Optimization Control of a Robust Chaotic Map [J]. *IEEE Access*, 2019, 7, 160072-160081 (中科院 2 区检索)
- **Wei Feng**, Yigang He, Hongmin Li, Chunlai Li. Image encryption algorithm based on discrete logarithm and memristive chaotic system [J]. *The European Physical Journal Special Topics*, 2019, 228: 1951-1967 (第一作者, 中科院 3 区检索)
- Chunlai Li, Zhaoyu Li, **Wei Feng**, Yaonan Tong, Jianrong Du, Duqu Wei. Complicated dynamics in a memristor-based RLC circuit [J]. *AEU - International Journal of Electronics and Communications*, 2019, 110: 152861 (中科院 2 区检索)
- **Wei Feng**, Yigang He, Chunlai Li, Xunmin Su, Xiaoqing Chen. Dynamical Behavior of a 3D Jerk System with a Generalized Memristive Device [J]. *Complexity*, 2018, 2018: 5620956 (第一作者, 中科院 2 区检索)
- **Wei Feng**, Yigang He, Hongmin Li, Chunlai Li. Cryptanalysis of the integrated chaotic systems based image encryption algorithm [J]. *Optik*, 2019, 186: 449-457 (第一作者, 中科院 4 区检索)
- **Wei Feng**, Yigang He. Cryptanalysis and Improvement of the Hyper-Chaotic Image Encryption Scheme Based on DNA Encoding and Scrambling [J]. 2018, 10 (6): 7909215 (第一作者, 中科院 3 区检索)