



Zaid Abdulsattar Abdulrazaq

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Assistant Professor

ACADEMIC TITLES

2023-02-26

Assistant Professor

PUBLICATIONS (1 2)

- Synergistic Construction of High-Performance S-Boxes based on Chaotic Systems: A Paradigm Shift in Cryptographic Security Design**
Chaos and Fractals 2 (2), 43-49, 2025 | 2025 | Cited: 4
- Efficient Real-Time Key Generation for IoT Using Multi-Dimensional Chaotic Maps**
International Journal of Computational and Electronic Aspects in Engineering ..., 2025 | 2025 | Cited: 1
- Real-time FPGA-based grayscale image hiding with key masking for secure LSB steganography**
2025
- Hybrid software-hardware image encryption techniques for network security using multiple chaotic maps**
2025
- Advanced Denoising of EMG Signals for Medical Applications: A Novel Arduino-Based Enhancement Approach**
ESP International Journal of Advancements in Science & Technology 3 (2), 20-26, 2025 | 2025
- Design and Enhancing Security Performance of Image Cryptography System Based on Fixed Point Chaotic Maps Stream Ciphers in FPGA**
Baghdad Science Journal 21 (5 (SI)), 1754-1754, 2024 | 2024
- New Novel FPGA Based Image Encryption Methods Using Multiple Chaotic Maps**
2024 International Conference on Computer and Applications (ICCA), 1-6, 2024 | 2024 | Cited: 4
- Design and enhancing security performance of image cryptography system based on fixed point chaotic maps stream ciphers in FPGA**
Baghdad Science Journal 21 (5), 26, 2024 | 2024 | Cited: 16
- Unveiling robust security: Chaotic maps for frequency hopping implementation in FPGA**
Ain Shams Engineering Journal 15 (11), 103016, 2024 | 2024 | Cited: 7
- FPGA Based of RSA Algorithm Implementation**
0
- Enhancing AES Encryption with Chaotic Maps for Improved Network Security**
0
- Enhancing Multi-Image Hiding Using Fpga-Based Lsb Acceleration**
Available at SSRN 4960736, 0 | 0

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EDUCATION

ماجستير (19-11-2018)

Science in computer engineering and informatics
mosul

RESEARCH METRICS

h-index (Scopus)	2
h-index (GS)	4
Citations (Scopus)	12
Citations (GS)	32
Documents (Scopus)	3
Documents (GS)	11

