

# Amirtharajan

## List of Publications by Year in descending order

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Version: 2024-02-01

275  
papers

3,393  
citations

186209

28  
h-index

214721

47  
g-index

279  
all docs

279  
docs citations

279  
times ranked

1089  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Integration of genetic algorithm tuned adaptive fading memory Kalman filter with model predictive controller for active fault-tolerant control of cement kiln under sensor faults with inaccurate noise covariance. <i>Mathematics and Computers in Simulation</i> , 2022, 191, 256-277. | 2.4 | 15        |
| 2  | Two-tier search space optimisation technique for tuning of explicit plant-model mismatch in model predictive controller for industrial cement kiln process. <i>Mathematics and Computers in Simulation</i> , 2022, 193, 385-408.   | 2.4 | 5         |
| 3  | A Systematic Review of Artificial Intelligence (AI) Based Approaches for the Diagnosis of Parkinson's Disease. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 3639-3653.  | 6.0 | 24        |
| 4  | Robust respiratory disease classification using breathing sounds (RRDCBS) multiple features and models. <i>Neural Computing and Applications</i> , 2022, 34, 8155-8172.  | 3.2 | 4         |
| 5  | Quantum true random number generation on IBM's cloud platform. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 6453-6465.   | 2.7 | 4         |
| 6  | Misconstrued voice on SC-FDMA for secured comprehension - a cooperative influence of DWT and ECC. <i>Multimedia Tools and Applications</i> , 2022, 81, 7201-7217.  | 2.6 | 0         |
| 7  | A simple embed over encryption scheme for DICOM images using 4lban Map. <i>Medical and Biological Engineering and Computing</i> , 2022, 60, 701-717.   | 1.6 | 14        |
| 8  | Design of tri-layer image encryption scheme using Calendar Month Vowel Count (CMVC) approach. <i>Multimedia Tools and Applications</i> , 2022, 81, 10337-10371.  | 2.6 | 1         |
| 9  | 4D Hyperchaotic map and DNA encoding combined image encryption for secure communication. <i>Multimedia Tools and Applications</i> , 2022, 81, 15859-15878.   | 2.6 | 23        |
| 10 | On Chaos based duo confusion duo diffusion for colour images. <i>Multimedia Tools and Applications</i> , 2022, 81, 16987-17014.  | 2.6 | 13        |
| 11 | A novel colour image encryption scheme using dynamic DNA coding, chaotic maps, and SHA-2. <i>Multimedia Tools and Applications</i> , 2022, 81, 37873-37894.  | 2.6 | 14        |
| 12 | Diagnosis of breast cancer for modern mammography using artificial intelligence. <i>Mathematics and Computers in Simulation</i> , 2022, 202, 316-330.  | 2.4 | 13        |
| 13 | Neural-assisted image-dependent encryption scheme for medical image cloud storage. <i>Neural Computing and Applications</i> , 2021, 33, 6671-6684.   | 3.2 | 24        |
| 14 | Genetic and chaotic signatures in offspring " an encrypted generation of image family. <i>Multimedia Tools and Applications</i> , 2021, 80, 8581-8609.   | 2.6 | 1         |
| 15 | Diffusion+Confusion: Chaos-assisted Twofold Cryptosystem for Secure Video Transmission. <i>Lecture Notes in Networks and Systems</i> , 2021, , 145-153.  | 0.5 | 1         |
| 16 | Chaos Blend LFSR " Duo Approach on FPGA for Medical Image Security. <i>Lecture Notes in Networks and Systems</i> , 2021, , 155-163.  | 0.5 | 0         |
| 17 | Waste contamination in Water " A Real-time Water Quality Monitoring System using IoT. , 2021, , .  |     | 4         |
| 18 | Monitoring and Alerting of Hazardous gases in Municipal Solid Waste using Application Program Interface. , 2021, , .   |     | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | BIOBIN for Safe handling and disposing of Biomedical waste during COVID '19. , 2021, , .   |     | 1         |
| 20 | Design and Implementation of Chao-Cryptic Architecture on FPGA for Secure Audio Communication. Lecture Notes in Networks and Systems, 2021, , 135-144.                           | 0.5 | 0         |
| 21 | Medical Image Encryption. , 2021, , 269-293.   |     | 0         |
| 22 | IoT assisted Waste Collection and Management system using QR codes. , 2021, , .  |     | 4         |
| 23 | Efficient Collection, Deposition of E-Waste using IoT. , 2021, , .   |     | 1         |
| 24 | Mutated Cleavages of Images for Stealth Disclosure: A Hopfield Neural Network Attractor (HNNA) Approach. Neural Processing Letters, 2021, 53, 907-928.                           | 2.0 | 3         |
| 25 | A new method for producing 320-bit modified hash towards tamper detection and restoration in colour images. Multimedia Tools and Applications, 2021, 80, 23359.                  | 2.6 | 3         |
| 26 | An efficient medical image encryption using hybrid DNA computing and chaos in transform domain. Medical and Biological Engineering and Computing, 2021, 59, 589-605.             | 1.6 | 68        |
| 27 | Optimal concurrency on FPGA for lightweight medical image encryption. Journal of Intelligent and Fuzzy Systems, 2021, 40, 10385-10400.   | 0.8 | 6         |
| 28 | Uncover the cover to recover the hidden secret - A separable reversible data hiding framework. Multimedia Tools and Applications, 2021, 80, 19695-19714.                         | 2.6 | 12        |
| 29 | MUX induced Ring oscillators for encrypted Nano communication via Quantum Dot Cellular Automata. Nano Communication Networks, 2021, 27, 100338.                                  | 1.6 | 2         |
| 30 | Reversible data hiding in an encrypted image using the homomorphic property of elliptic curve cryptography. Journal of Intelligent and Fuzzy Systems, 2021, 41, 5583-5594.       | 0.8 | 2         |
| 31 | ROI-based medical image watermarking for accurate tamper detection, localisation and recovery. Medical and Biological Engineering and Computing, 2021, 59, 1355-1372.            | 1.6 | 16        |
| 32 | Colour image encryption based on customized neural network and DNA encoding. Neural Computing and Applications, 2021, 33, 14533-14550.   | 3.2 | 35        |
| 33 | On dual encryption with RC6 and combined logistic tent map for grayscale and DICOM. Multimedia Tools and Applications, 2021, 80, 23511.  | 2.6 | 8         |
| 34 | Design of Transformer for Wireless Power Transfer in Electric Vehicles. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2021, 45, 1311-1324. | 1.5 | 4         |
| 35 | Bio-inspired cryptosystem on the reciprocal domain: DNA strands mutate to secure health data. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 940-956. | 1.5 | 10        |
| 36 | Security analysis of reversible logic cryptography design with LFSR key on 32-bit microcontroller. Microprocessors and Microsystems, 2021, 84, 104265.                           | 1.8 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Robust Image Encryption in Transform Domain Using Duo Chaotic Maps – A Secure Communication. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 271-281. | 0.5 | 1         |
| 38 | Double layered Fridrich structure to conserve medical data privacy using quantum cryptosystem. Journal of Information Security and Applications, 2021, 63, 102972.               | 1.8 | 7         |
| 39 | A Crypto Model for Confuse-Cum-Diffuse RGB Images: A Near Zero Correlation Approach. Lecture Notes in Networks and Systems, 2021, , 487-496.                                     | 0.5 | 0         |
| 40 | Metastability-Induced TRNG Architecture on FPGA. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 47-57.                            | 1.5 | 14        |
| 41 | Image encryption through RNA approach assisted with neural key sequences. Multimedia Tools and Applications, 2020, 79, 12093-12124.  | 2.6 | 7         |
| 42 | Hopfield attractor-trusted neural network: an attack-resistant image encryption. Neural Computing and Applications, 2020, 32, 11477-11489.                                       | 3.2 | 52        |
| 43 | Predictive Controller Design for a Cement Ball Mill Grinding Process under Larger Heterogeneities in Clinker Using State-Space Models. Designs, 2020, 4, 36.                     | 1.3 | 3         |
| 44 | Image encryption using dynamic DNA encoding and pixel scrambling using composite chaotic maps. IOP Conference Series: Materials Science and Engineering, 2020, 872, 012045.      | 0.3 | 5         |
| 45 | Fridrich Structure Implementation on Gray Scale Images in an Embedded FPGA Platform. , 2020, , .   |     | 0         |
| 46 | Chaotic Based Adaptive Inter Planar Confusion for Color Images. , 2020, , .  |     | 0         |
| 47 | Tri-level scrambling and enhanced diffusion for DICOM image cipher- DNA and chaotic fused approach. Multimedia Tools and Applications, 2020, 79, 28807-28824.                    | 2.6 | 22        |
| 48 | Real Time Authenticated Spectrum Access and Encrypted Image Transmission via Cloud Enabled Fusion centre. Wireless Personal Communications, 2020, 115, 2127-2148.                | 1.8 | 0         |
| 49 | Reversible data hiding method based on pixel expansion and homomorphic encryption. Journal of Intelligent and Fuzzy Systems, 2020, 39, 2977-2990.                                | 0.8 | 11        |
| 50 | Automatic Waste Segregation and Management. , 2020, , .  |     | 4         |
| 51 | IoT based Waste Management for Smart Cities. , 2020, , .   |     | 15        |
| 52 | Reversible Hiding with Quick Response Code - A Responsible Security. , 2020, , .   |     | 0         |
| 53 | IoT based Healthcare Monitoring and Intravenous Flow Control. , 2020, , .  |     | 3         |
| 54 | Implementation of Image Encryption based on Chaos-IWT – An Image security. , 2020, , .   |     | 1         |

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|----|---|-----|-----------|
| 55 | Metastability Influenced PUF for Cryptographic Key Generation: A FPGA Approach. , 2020, , .   |     | 3         |
| 56 | Hybrid Random Number Generation Architecture for Mobile Registration Controller: A Reconfigurable Hardware Realization. Wireless Personal Communications, 2020, 115, 239-266.   | 1.8 | 0         |
| 57 | Scattering Watermark on DICOM Images. , 2020, , .   |     | 1         |
| 58 | Transform Domain Influenced Variable Bit - Variable Pixel Medical Image Watermarking Scheme. , 2020, , .  |     | 2         |
| 59 | IoT with Light Weight Crypto System for Primary Health Centers to Minimize Fetus Death, Birth Defects and Premature Delivery in Solamadevi Village Trichy District. , 2020, , . |     | 0         |
| 60 | Automatic Person Count Indication System using IoT in a Hotel Infrastructure. , 2020, , .   |     | 1         |
| 61 | Intelligent Braking System. , 2020, , .   |     | 1         |
| 62 | ECC joins first time with SC-FDMA for Mission "security" Multimedia Tools and Applications, 2020, 79, 17945-17967.  | 2.6 | 3         |
| 63 | Synthetic Image and Strange Attractor: Two Folded Encryption Approach for Secure Image Communication. Advances in Intelligent Systems and Computing, 2020, , 467-478.           | 0.5 | 6         |
| 64 | FPGA based generic RO TRNG architecture for image confusion. Multimedia Tools and Applications, 2020, 79, 13841-13868.  | 2.6 | 17        |
| 65 | Con(dif)fused voice to convey secret: a dual-domain approach. Multimedia Systems, 2020, 26, 301-311.  | 3.0 | 8         |
| 66 | A robust medical image encryption in dual domain: chaos-DNA-IWT combined approach. Medical and Biological Engineering and Computing, 2020, 58, 1445-1458.                       | 1.6 | 87        |
| 67 | A high payload separable reversible data hiding in cipher image with good decipher image quality. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6403-6414.                | 0.8 | 9         |
| 68 | Pyramid Entropy Source for True Random Number Generator on FPGA. Advances in Intelligent Systems and Computing, 2020, , 23-33.  | 0.5 | 1         |
| 69 | Advanced framework for highly secure and cloud-based storage of colour images. IET Image Processing, 2020, 14, 3143-3153.   | 1.4 | 39        |
| 70 | Ring oscillator as confusion " diffusion agent: a complete TRNG drove image security. IET Image Processing, 2020, 14, 2987-2997.  | 1.4 | 42        |
| 71 | Chua's diode and strange attractor: a three-layer hardware "software co-design for medical image confidentiality. IET Image Processing, 2020, 14, 1354-1365.                    | 1.4 | 32        |
| 72 | Tamper Detection of Medical Images Using Modified Hashing Algorithm. Advances in Intelligent Systems and Computing, 2020, , 491-498.  | 0.5 | 1         |

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|----|---|-----|-----------|
| 73 | Tri Layer Model for Color Image Ciphering Through DNA Assisted 2D Chaos. Advances in Intelligent Systems and Computing, 2020, , 404-416.  | 0.5 | 0         |
| 74 | LFSR-Keyed MUX for Random Number Generation in Nano Communication Using QCA. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 70-83.                                | 0.4 | 0         |
| 75 | Grey-Level Text Encryption Using Chaotic Maps and Arnold Transform. Advances in Intelligent Systems and Computing, 2020, , 491-500.   | 0.5 | 1         |
| 76 | Realization of Chaos-Based Private Multiprocessor Network Via USART of Embedded Devices. , 2019, , 323-340.   |     | 1         |
| 77 | Indicator-based lightweight steganography on 32-bit RISC architectures for IoT security. Multimedia Tools and Applications, 2019, 78, 31485-31513.  | 2.6 | 6         |
| 78 | Design, Simulation and Hardware Implementation of Shunt Hybrid Compensator Using Synchronous Rotating Reference Frame (SRRF)-Based Control Technique. Electronics (Switzerland), 2019, 8, 42. | 1.8 | 9         |
| 79 | A cloud compatible DNA coded security solution for multimedia file sharing & storage. Multimedia Tools and Applications, 2019, 78, 33837-33863.   | 2.6 | 17        |
| 80 | Chaotic based Image Encryption - A Neutral Perspective. , 2019, , .   |     | 0         |
| 81 | Optimized Lightweight Image Steganography on Embedded Device via LUT Approach. , 2019, , .  |     | 1         |
| 82 | Image Encryption based on Quantum-Assisted DNA Coded System. , 2019, , .  |     | 0         |
| 83 | LabVIEW based Alert System for Elderly Bedridden Cardiovascular Patients. , 2019, , .   |     | 0         |
| 84 | Reciprocal Time Domain Disruption of Image for Secured Communication. , 2019, , .   |     | 2         |
| 85 | An Eccentric Crypto Approach for Medical Images A Strange Crypto Model. , 2019, , .   |     | 0         |
| 86 | A Novel Multiple Segmented Image Encryption. , 2019, , .  |     | 0         |
| 87 | A Robust 3 Tier DNA blended chaotic framework for Grayscale images. , 2019, , .   |     | 1         |
| 88 | Design and Analysis of Ring Oscillator Influenced Beat Frequency Detection for True Random Number Generation on FPGA. , 2019, , .   |     | 7         |
| 89 | Chaos in Series to Avoid Serial Attacks on Image: A Secure Image Communication Perspective. , 2019, , .   |     | 0         |
| 90 | A Novel Quantum Encryption and Authentication Framework Integrated with IoT. , 2019, , 123-150.   |     | 1         |

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|-----|---|-----|-----------|
| 91  | Tamper-Resistant Secure Medical Image Carrier: An IWT+SVD+Chaos+FPGA Combination. Arabian Journal for Science and Engineering, 2019, 44, 9561-9580.     | 1.7 | 19        |
| 92  | Entropy Influenced RNA Diffused Quantum Chaos to Conserve Medical Data Privacy. International Journal of Theoretical Physics, 2019, 58, 1937-1956.      | 0.5 | 12        |
| 93  | Recursive Orthogonal Diffusion for Deeper Encryption of Color Images. , 2019, , .   |     | 0         |
| 94  | A 3D Key for Encrypting 2D Images - A DNA Melded Chaotic Approach. , 2019, , .  |     | 1         |
| 95  | Image Encryption on DICOM images - A Key Enhanced Linear Wavelet Transform. , 2019, , .   |     | 0         |
| 96  | Performance Evaluation of Chaotic Maps & Attractors in Image Encryption. , 2019, , .  |     | 0         |
| 97  | Chaos and IWT Blended Image Encryption for Grey Scale Image Security. , 2019, , .   |     | 3         |
| 98  | DNA and Chaos Based Confusion-Diffusion for Color Image Security. , 2019, , .   |     | 2         |
| 99  | Chaos Assisted Security Solution for Preserving Medical Images. , 2019, , .   |     | 0         |
| 100 | Secure Encrypted Data Transmission Via Multiple Chaotic Maps. , 2019, , .   |     | 0         |
| 101 | Chaos Aided Audio Secure Communication over SC-FDMA System. , 2019, , .   |     | 0         |
| 102 | Open hiding for truncating hackers - a block truncation and wavelet approach. Multimedia Tools and Applications, 2019, 78, 9951-9969.                   | 2.6 | 0         |
| 103 | YRBS coding with logistic map - a novel Sanskrit aphorism and chaos for image encryption. Multimedia Tools and Applications, 2019, 78, 10513-10541.     | 2.6 | 19        |
| 104 | Encrypted Biography of Biomedical Image - a Pentlayer Cryptosystem on FPGA. Journal of Signal Processing Systems, 2019, 91, 475-501.                    | 1.4 | 27        |
| 105 | Reliable Medical Image Communication in Healthcare IoT. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 1-26.                | 0.2 | 3         |
| 106 | Medical Image Encryption. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 278-304.   | 0.2 | 5         |
| 107 | An Image Mathcrypt - A Flawless Security via Flawed Image. Communications in Computer and Information Science, 2019, , 16-31.                           | 0.4 | 0         |
| 108 | Cellular Automata Based Key Stream Generator - A Reconfigurable Hardware Approach. Communications in Computer and Information Science, 2019, , 232-242. | 0.4 | 0         |

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|-----|---|-----|-----------|
| 109 | Medical Data Are Safe. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 142-165.  | 0.2 | 0         |
| 110 | Different Parameter Analysis of Class-1 Generation-2 (C1G2) RFID System Using GNU Radio. , 2019, , 91-116.  |     | 0         |
| 111 | Encryption and watermark-treated medical image against hacking disease"An immune convention in spatial and frequency domains. Computer Methods and Programs in Biomedicine, 2018, 159, 11-21. | 2.6 | 39        |
| 112 | Networked hardware assisted key image and chaotic attractors for secure RGB image communication. Multimedia Tools and Applications, 2018, 77, 23449-23482.                                    | 2.6 | 26        |
| 113 | Transreceiving of encrypted medical image " a cognitive approach. Multimedia Tools and Applications, 2018, 77, 8393-8418.   | 2.6 | 25        |
| 114 | Lightweight chaotic image encryption algorithm for real-time embedded system: Implementation and analysis on 32-bit microcontroller. Microprocessors and Microsystems, 2018, 56, 1-12.        | 1.8 | 63        |
| 115 | Permutated Symmetric Key for Perfect Lightweight Image Encryption. , 2018, , .  |     | 1         |
| 116 | Image Encryption: A Random Selection Approach. , 2018, , .  |     | 0         |
| 117 | IoT Framework for Secure Medical Image Transmission. , 2018, , .  |     | 12        |
| 118 | DNA Coupled Chaos for Unified Color Image Encryption - a Secure Sharing Approach. , 2018, , .   |     | 4         |
| 119 | On the Diffusion of Lightweight Image Encryption in Embedded Hardware. , 2018, , .  |     | 3         |
| 120 | CR Assisted IE Guarded Authenticated Biomedical Image Transactions. IEEE Photonics Journal, 2018, 10, 1-13.   | 1.0 | 6         |
| 121 | A Logistic Approach to Route Image in a Protected Way-a Skeptimistic Image Image Encryption a Fusion. , 2018, , .   |     | 1         |
| 122 | Chaos assisted variable bit steganography in transform domain. Electronics Letters, 2018, 54, 1332-1334.  | 0.5 | 9         |
| 123 | OTP on Demand - An Embedded System for User Authentication. , 2018, , .   |     | 2         |
| 124 | Chaos Blend DNA Coding for Image Encryption on FPGA. , 2018, , .  |     | 2         |
| 125 | IoT Accelerated Wi-Fi Bot controlled via Node MCU. , 2018, , .  |     | 3         |
| 126 | Secret DICOM Communication via Li-Fi using Gould transform and Histogram shifting. , 2018, , .  |     | 0         |



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|-----|--|-----|-----------|
| 127 | ON Chip peripherals are ON for chaos " an image fused encryption. Microprocessors and Microsystems, 2018, 61, 257-278.   | 1.8 | 25        |
| 128 | IoT Assisted Automatic Irrigation System using Wireless Sensor Nodes. , 2018, , .  |     | 8         |
| 129 | Networked medical data sharing on secure medium " A web publishing mode for DICOM viewer with three layer authentication. Journal of Biomedical Informatics, 2018, 86, 90-105. | 2.5 | 37        |
| 130 | Jitters through dual clocks: An effective Entropy Source for True Random Number Generation. , 2018, , .  |     | 5         |
| 131 | Chaos triggered image encryption - a reconfigurable security solution. Multimedia Tools and Applications, 2018, 77, 11669-11692.   | 2.6 | 22        |
| 132 | 3D Lorenz Map Governs DNA Rule in Encrypting DICOM Images. Biomedical and Pharmacology Journal, 2018, 11, 897-906.   | 0.2 | 11        |
| 133 | Hybrid image crypto system for secure image communication" A VLSI approach. Microprocessors and Microsystems, 2017, 50, 1-13.  | 1.8 | 22        |
| 134 | Tamper Proofing Identification and Authenticated DICOM Image Transmission Using Wireless Channels and CR Network. Wireless Personal Communications, 2017, 97, 5573-5595.       | 1.8 | 5         |
| 135 | Stego integrated image encryption using row and column indexing " An information security. , 2017, , .   |     | 0         |
| 136 | Numerical password via graphical input " An authentication system on embedded platform. , 2017, , .  |     | 1         |
| 137 | Fusion of confusion and diffusion: a novel image encryption approach. Telecommunication Systems, 2017, 65, 65-78.  | 1.6 | 22        |
| 138 | Design of boolean chaotic oscillator using CMOS technology for true random number generation. , 2017, , .  |     | 3         |
| 139 | DNA Chaos Blend to Secure Medical Privacy. IEEE Transactions on Nanobioscience, 2017, 16, 850-858.   | 2.2 | 141       |
| 140 | On the lossless image recovery analysis of cyclic shift and chaotic system based image encryption. , 2017, , .   |     | 0         |
| 141 | Optic assisted image encryption: Confluence of chaos and virtual instrumentation. , 2017, , .  |     | 1         |
| 142 | Secure medical image sharing: A hardware authentication approach. , 2017, , .  |     | 7         |
| 143 | Puzzle based highly secure steganography. , 2017, , .  |     | 14        |
| 144 | Cellular automata + LFSR + synthetic image: A trio approach to image encryption. , 2017, , .   |     | 2         |

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|-----|--|-----|-----------|
| 145 | Confusion and diffusion on FPGA " Onchip solution for medical image security. , 2017, , .  |     | 7         |
| 146 | Quantum polarized image encryption " A secure communication. , 2017, , .   |     | 0         |
| 147 | Graphics control on LCD via digital accelerometer " An open maze game. , 2017, , .   |     | 0         |
| 148 | Secured Emergency Based Adaptive Batch and Fuzzy Inference System Management in Cognitive Radio. Asian Journal of Scientific Research, 2017, 10, 70-78.                                  | 0.3 | 0         |
| 149 | Enhancing the Security of Customer Data in Cloud Environments Using a Novel Digital Fingerprinting Technique. International Journal of Digital Multimedia Broadcasting, 2016, 2016, 1-6. | 0.4 | 10        |
| 150 | Competition among interleavers in OFDM-an encrypted modulated modulation approach. , 2016, , .   |     | 1         |
| 151 | Chaotic & partial encrypted image on XOR bus - an unidentified carrier approach. , 2016, , .   |     | 3         |
| 152 | Yet another but an incremental reversible data hiding- for an irreversible data safety. , 2016, , .  |     | 0         |
| 153 | Convolutd Rubik's encoded quantum polarized-a secure DICOM image. , 2016, , .  |     | 3         |
| 154 | Multiplexed stego path on reconfigurable hardware: A novel random approach. Computers and Electrical Engineering, 2016, 55, 153-163.   | 3.0 | 7         |
| 155 | Chaos based crossover and mutation for securing DICOM image. Computers in Biology and Medicine, 2016, 72, 170-184.   | 3.9 | 171       |
| 156 | Logistic and Standard Coupled Mapping on Pre and Post Shuffled Images: A Method of Image Encryption. Asian Journal of Scientific Research, 2016, 10, 10-23.                              | 0.3 | 2         |
| 157 | Data Security Through Data Hiding in Images: A Review. Journal of Artificial Intelligence, 2016, 10, 1-21.   | 0.7 | 22        |
| 158 | Reversible Secret Data Hiding Based on Adjacency Pixel Difference. Journal of Artificial Intelligence, 2016, 10, 22-31.  | 0.7 | 3         |
| 159 | Horse DNA Runs on Image: A Novel Road to Image Encryption. Research Journal of Information Technology, 2016, 8, 1-9.   | 0.4 | 4         |
| 160 | Image Merger Encryptor: A Chaotic and Chebyshev Key Approach. Research Journal of Information Technology, 2016, 8, 10-16.  | 0.4 | 2         |
| 161 | Tri Layer Image Encryption Based on Quantum Principle. Research Journal of Information Technology, 2016, 8, 82-87.   | 0.4 | 0         |
| 162 | Hungarian sculptured Discrete Gould transformed bit planes-a double puzzled image. , 2015, , .   |     | 2         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Triple chaotic image scrambling on RGB â€” a random image encryption approach. Security and Communication Networks, 2015, 8, 3335-3345.   | 1.0 | 37        |
| 164 | Medical data sheet in safe havens â€” A tri-layer cryptic solution. Computers in Biology and Medicine, 2015, 62, 264-276.   | 3.9 | 53        |
| 165 | 2D rotated Key2 shuffling and scrambling - a cryptic track. , 2015, , .   |     | 0         |
| 166 | Pixel scattering matrix formalism for image encryptionâ€”A key scheduled substitution and diffusion approach. AEU - International Journal of Electronics and Communications, 2015, 69, 562-572. | 1.7 | 26        |
| 167 | Delay Reduction by Providing Location Based Services using Hybrid Cache in Peer to Peer Networks. KSII Transactions on Internet and Information Systems, 2015, 9, .                             | 0.7 | 7         |
| 168 | Light Weight Steganography on RISC Platform-Implementation and Analysis. Asian Journal of Scientific Research, 2015, 8, 278-290.  | 0.3 | 5         |
| 169 | Chain of Shuffling and Chaos: A Tied Encryptic Approach. Asian Journal of Scientific Research, 2015, 8, 359-366.  | 0.3 | 6         |
| 170 | Stego on FPGA: An IWT Approach. Scientific World Journal, The, 2014, 2014, 1-9.   | 0.8 | 15        |
| 171 | A novel audio steg for secret communication. , 2014, , .  |     | 1         |
| 172 | Encrypted RS and cyclic doubles in OFDM - a channel variable approach. , 2014, , .  |     | 0         |
| 173 | Blend of error control codes in OFDM - effect of channel - a comparative approach. , 2014, , .  |     | 0         |
| 174 | Race among error control codes in OFDM - role of modulation techniques. , 2014, , .   |     | 0         |
| 175 | MSB Based Embedding with Integrity: An Adaptive RGB Stego on FPGA Platform. Information Technology Journal, 2014, 13, 1945-1952.  | 0.3 | 17        |
| 176 | Comparative Analysis of (5/3) and Haar IWT Based Steganography. Information Technology Journal, 2014, 13, 2534-2543.  | 0.3 | 5         |
| 177 | PVD Based Steganography on Scrambled RGB Cover Images with Pixel Indicator. Journal of Artificial Intelligence, 2014, 7, 54-68.   | 0.7 | 9         |
| 178 | Space Filling Curve for Data Filling: An Embedded Security Approach. Research Journal of Information Technology, 2014, 6, 188-197.  | 0.4 | 5         |
| 179 | Rubik's Cube Blend with Logistic Map on RGB: A Way for Image Encryption. Research Journal of Information Technology, 2014, 6, 207-215.  | 0.4 | 22        |
| 180 | Dual Cellular Automata on FPGA: An Image Encryptors Chip. Research Journal of Information Technology, 2014, 6, 223-236.   | 0.4 | 9         |

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|-----|--|-----|-----------|
| 181 | Galois Field Proficient Product for Secure Image Encryption on FPGA. Research Journal of Information Technology, 2014, 6, 308-324.                               | 0.4 | 10        |
| 182 | Image Encryption. Research Journal of Information Technology, 2014, 6, 368-378.  | 0.4 | 17        |
| 183 | Model Identification and Predictive Controller Design for a Nonlinear Process. Research Journal of Information Technology, 2014, 6, 178-187.                     | 0.4 | 0         |
| 184 | Analysis of Multi Level Current Source Inverter: A Critic Based on Various PWM Control Strategies. Research Journal of Information Technology, 2014, 6, 166-177. | 0.4 | 3         |
| 185 | LabVIEW Based PIN Hider on ATM Cards: A Transform Domain Secret Concealment Approach. Research Journal of Information Technology, 2014, 6, 154-165.              | 0.4 | 0         |
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