

# Amirtharajan

## List of Publications by Year in descending order

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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	Chaos based crossover and mutation for securing DICOM image. Computers in Biology and Medicine, 2016, 72, 170-184.	3.9	171
2	DNA Chaos Blend to Secure Medical Privacy. IEEE Transactions on Nanobioscience, 2017, 16, 850-858.	2.2	141
3	An intelligent chaotic embedding approach to enhance stego-image quality. Information Sciences, 2012, 193, 115-124.	4.0	121
4	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
5	Random Image Steganography and Steganalysis: Present Status and Future Directions. Information Technology Journal, 2012, 11, 566-576.	0.3	76
6	Survey and Analysis of Hardware Cryptographic and Steganographic Systems on FPGA. Journal of Applied Sciences, 2012, 12, 201-210.	0.1	76
7	OFDM+CDMA+Stego = Secure Communication: A Review. Research Journal of Information Technology, 2012, 4, 31-46.	0.4	69
8	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
9	Brownian Motion of Binary and Gray-Binary and Gray Bits in Image for Stego. Journal of Applied Sciences, 2012, 12, 428-439.	0.1	65
10	Inverted Pattern in Inverted Time Domain for Icon Steganography. Information Technology Journal, 2012, 11, 587-595.	0.3	64
11	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
12	Stego on 2n:1 Platform for Users and Embedding. Information Technology Journal, 2011, 10, 1896-1907.	0.3	62
13	Firmware for Data Security: A Review. Research Journal of Information Technology, 2012, 4, 61-72.	0.4	60
14	Pixel Authorized by Pixel to Trace with SFC on Image to Sabotage Data Muggers: A Comparative Study on PI Stego. Research Journal of Information Technology, 2012, 4, 124-139.	0.4	59
15	Medical data sheet in safe havens – A tri-layer cryptic solution. Computers in Biology and Medicine, 2015, 62, 264-276.	3.9	53
16	Regulated OFDM-Role of ECC and ANN: A Review. Journal of Applied Sciences, 2012, 12, 301-314.	0.1	53
17	Hopfield attractor-trusted neural network: an attack-resistant image encryption. Neural Computing and Applications, 2020, 32, 11477-11489.	3.2	52
18	Steganography-Time to Time: A Review. Research Journal of Information Technology, 2013, 5, 53-66.	0.4	52

#	ARTICLE	IF	CITATIONS
19	Phase for Face saving-a multicarrier Stego. Procedia Engineering, 2012, 30, 790-797.	1.2	46
20	A Comparative Analysis of Image Steganography. International Journal of Computer Applications, 2010, 2, 41-47.	0.2	44
21	Ring oscillator as confusion & diffusion agent: a complete TRNG drove image security. IET Image Processing, 2020, 14, 2987-2997.	1.4	42
22	Encryption and watermark-treated medical image against hacking disease&quot;An immune convention in spatial and frequency domains. Computer Methods and Programs in Biomedicine, 2018, 159, 11-21.	2.6	39
23	Advanced framework for highly secure and cloud&#x2013;based storage of colour images. IET Image Processing, 2020, 14, 3143-3153.	1.4	39
24	Horse Riding & Hiding in Image for Data Guarding. Procedia Engineering, 2012, 30, 36-44.	1.2	38
25	Triple chaotic image scrambling on RGB &#x2013; a random image encryption approach. Security and Communication Networks, 2015, 8, 3335-3345.	1.0	37
26	Networked medical data sharing on secure medium &#x2013; A web publishing mode for DICOM viewer with three layer authentication. Journal of Biomedical Informatics, 2018, 86, 90-105.	2.5	37
27	Colour image encryption based on customized neural network and DNA encoding. Neural Computing and Applications, 2021, 33, 14533-14550.	3.2	35
28	PVD Blend with Pixel Indicator - OPAP Composite for High Fidelity Steganography. International Journal of Computer Applications, 2010, 7, 31-37.	0.2	35
29	Chua's diode and strange attractor: a three&#x2013;layer hardware&#x2013;software co&#x2013;design for medical image confidentiality. IET Image Processing, 2020, 14, 1354-1365.	1.4	32
30	Encrypted Biography of Biomedical Image - a Pentlayer Cryptosystem on FPGA. Journal of Signal Processing Systems, 2019, 91, 475-501.	1.4	27
31	Pixel scattering matrix formalism for image encryption&quot;A key scheduled substitution and diffusion approach. AEU - International Journal of Electronics and Communications, 2015, 69, 562-572.	1.7	26
32	Networked hardware assisted key image and chaotic attractors for secure RGB image communication. Multimedia Tools and Applications, 2018, 77, 23449-23482.	2.6	26
33	Transreceiving of encrypted medical image &#x2013; a cognitive approach. Multimedia Tools and Applications, 2018, 77, 8393-8418.	2.6	25
34	ON Chip peripherals are ON for chaos &#x2013; an image fused encryption. Microprocessors and Microsystems, 2018, 61, 257-278.	1.8	25
35	Neural-assisted image-dependent encryption scheme for medical image cloud storage. Neural Computing and Applications, 2021, 33, 6671-6684.	3.2	24
36	Evaluation of the Chemical Composition and Anti Nutritional Factors Levels of Different Thermally Processed Soybeans. Research Journal of Information Technology, 2012, 4, 220-227.	0.4	24

#	ARTICLE	IF	CITATIONS
37	A Systematic Review of Artificial Intelligence (AI) Based Approaches for the Diagnosis of Parkinson's Disease. Archives of Computational Methods in Engineering, 2022, 29, 3639-3653.	6.0	24
38	4D Hyperchaotic map and DNA encoding combined image encryption for secure communication. Multimedia Tools and Applications, 2022, 81, 15859-15878.	2.6	23
39	Tri-layer stego for enhanced security - a keyless random approach. , 2009, , .		22
40	Hybrid image crypto system for secure image communication - A VLSI approach. Microprocessors and Microsystems, 2017, 50, 1-13.	1.8	22
41	Fusion of confusion and diffusion: a novel image encryption approach. Telecommunication Systems, 2017, 65, 65-78.	1.6	22
42	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
43	Chaos triggered image encryption - a reconfigurable security solution. Multimedia Tools and Applications, 2018, 77, 11669-11692.	2.6	22
44	Data Security Through Data Hiding in Images: A Review. Journal of Artificial Intelligence, 2016, 10, 1-21.	0.7	22
45	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
46	Pixel Indicated Triple Layer: A Way for Random Image Steganography. Research Journal of Information Technology, 2013, 5, 87-99.	0.4	21
47	Wave (let) decide choosy pixel embedding for stego. , 2011, , .		20
48	Steg-OFDM blend for highly secure multi-user communication. , 2011, , .		20
49	Optimum Pixel and Bit location for Colour Image Stego- A Distortion Resistant Approach. International Journal of Computer Applications, 2010, 10, 17-24.	0.2	20
50	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
51	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
52	Spread and Hide-A Stego Transceiver. Information Technology Journal, 2014, 13, 2061-2064.	0.3	18
53	Stego in Multicarrier: A Phase Hidden Communication. Information Technology Journal, 2014, 13, 2011-2016.	0.3	18
54	A cloud compatible DNA coded security solution for multimedia file sharing & storage. Multimedia Tools and Applications, 2019, 78, 33837-33863.	2.6	17

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55	FPGA based generic RO TRNG architecture for image confusion. Multimedia Tools and Applications, 2020, 79, 13841-13868.	2.6	17
56	MSB Based Embedding with Integrity: An Adaptive RGB Stego on FPGA Platform. Information Technology Journal, 2014, 13, 1945-1952.	0.3	17
57	Image Encryption. Research Journal of Information Technology, 2014, 6, 368-378.	0.4	17
58	Mind Game for Cover Steganography: A Refuge. Research Journal of Information Technology, 2013, 5, 137-148.	0.4	17
59	Pixel Indicated User Indicator: A Muxed Stego. Research Journal of Information Technology, 2013, 5, 73-86.	0.4	17
60	Reversible Steganography on OFDM Channel: A Role of Cyclic Codes. Information Technology Journal, 2014, 13, 2047-2051.	0.3	17
61	Purposeful Error on OFDM: A Secret Channel. Information Technology Journal, 2014, 13, 1985-1991.	0.3	17
62	Data Puncturing in OFDM Channel: A Multicarrier Stego. Information Technology Journal, 2014, 13, 2037-2041.	0.3	17
63	Inserted Embedding in OFDM Channel: A Multicarrier Stego. Information Technology Journal, 2014, 13, 2017-2021.	0.3	17
64	Secret Link Through Simulink: A Stego on OFDM Channel. Information Technology Journal, 2014, 13, 1999-2004.	0.3	17
65	Covered CDMA multi-user writing on spatially divided image. , 2011, , .		16
66	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
67	Can we Reduce PAPR? OFDM+PTS+SLM+STEGO: A Novel Approach. Asian Journal of Scientific Research, 2012, 6, 38-52.	0.3	16
68	A Graph Theory Practice on Transformed Image: A Random Image Steganography. Scientific World Journal, The, 2013, 2013, 1-7.	0.8	15
69	Stego on FPGA: An IWT Approach. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	15
70	IoT based Waste Management for Smart Cities. , 2020, , .		15
71	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. Mathematics and Computers in Simulation, 2022, 191, 256-277.	2.4	15
72	Reversible Steganography on OFDM Channel-A Role of RS Coding. Information Technology Journal, 2014, 13, 2052-2056.	0.3	15

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73	Modeling Combo PR Generator for Stego Storage Self Test (SSST). Information Technology Journal, 2014, 13, 1936-1944.	0.3	15
74	Puzzle based highly secure steganography. , 2017, , .		14
75	Metastability-Induced TRNG Architecture on FPGA. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 47-57.	1.5	14
76	Image Encryption: An Information Security Perceptive. Journal of Artificial Intelligence, 2014, 7, 123-135.	0.7	14
77	Humming Bird with Coloured Wings: A Feedback Security Approach. Information Technology Journal, 2014, 13, 2022-2026.	0.3	14
78	A simple embed over encryption scheme for DICOM images using BÃ¼lban Map. Medical and Biological Engineering and Computing, 2022, 60, 701-717.	1.6	14
79	A novel colour image encryption scheme using dynamic DNA coding, chaotic maps, and SHA-2. Multimedia Tools and Applications, 2022, 81, 37873-37894.	2.6	14
80	Wavelet Pave the Trio Travel for a Secret Mission â€œ A Stego Vision. Communications in Computer and Information Science, 2012, , 212-221.	0.4	13
81	Cyrotory Assisted Info Hide-A Nibble Differencing for Message Embedding. Information Technology Journal, 2014, 13, 2005-2010.	0.3	13
82	Stego on Song-an Amalgam of vi and FPGA for Hardware Info Hide. Information Technology Journal, 2014, 13, 1992-1998.	0.3	13
83	On Chaos based duo confusion duo diffusion for colour images. Multimedia Tools and Applications, 2022, 81, 16987-17014.	2.6	13
84	Diagnosis of breast cancer for modern mammography using artificial intelligence. Mathematics and Computers in Simulation, 2022, 202, 316-330.	2.4	13
85	IoT Framework for Secure Medical Image Transmission. , 2018, , .		12
86	Entropy Influenced RNA Diffused Quantum Chaos to Conserve Medical Data Privacy. International Journal of Theoretical Physics, 2019, 58, 1937-1956.	0.5	12
87	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
88	Captivating CODEC Stego (CCS): A Cover on Camouflage. Research Journal of Information Technology, 2013, 5, 160-170.	0.4	12
89	Cover as Key and Key as Data: An Inborn Stego. Information Technology Journal, 2014, 13, 1969-1976.	0.3	12
90	MSB over hides LSB &#x2014; A dark communication with integrity. , 2011, , .		11

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91	Reversible data hiding method based on pixel expansion and homomorphic encryption. Journal of Intelligent and Fuzzy Systems, 2020, 39, 2977-2990.	0.8	11
92	3D Lorenz Map Governs DNA Rule in Encrypting DICOM Images. Biomedical and Pharmacology Journal, 2018, 11, 897-906.	0.2	11
93	Constructive Role of SFC & RGB Fusion versus Destructive Intrusion. International Journal of Computer Applications, 2010, 1, 34-40.	0.2	11
94	Who decides hiding capacity? I, the pixel intensity. , 2012, , .		10
95	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
96	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
97	Galois Field Proficient Product for Secure Image Encryption on FPGA. Research Journal of Information Technology, 2014, 6, 308-324.	0.4	10
98	Design and Analysis of Prototype Hardware for Secret Sharing Using 2-D Image Processing. International Journal of Computer Applications, 2010, 4, 17-22.	0.2	10
99	Chaos assisted variable bit steganography in transform domain. Electronics Letters, 2018, 54, 1332-1334.	0.5	9
100	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
101	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
102	PVD Based Steganography on Scrambled RGB Cover Images with Pixel Indicator. Journal of Artificial Intelligence, 2014, 7, 54-68.	0.7	9
103	Dual Cellular Automata on FPGA: An Image Encryptors Chip. Research Journal of Information Technology, 2014, 6, 223-236.	0.4	9
104	Logic Elements Consumption Analysis of Cellular Automata Based Image Encryption on FPGA. Research Journal of Information Technology, 2014, 6, 291-307.	0.4	9
105	IoT Assisted Automatic Irrigation System using Wireless Sensor Nodes. , 2018, , .		8
106	Con(dif)fused voice to convey secret: a dual-domain approach. Multimedia Systems, 2020, 26, 301-311.	3.0	8
107	On dual encryption with RC6 and combined logistic tent map for grayscale and DICOM. Multimedia Tools and Applications, 2021, 80, 23511.	2.6	8
108	OFDM with Low PAPR: A Novel Role of Partial Transmit Sequence. Research Journal of Information Technology, 2013, 5, 35-44.	0.4	8

#	ARTICLE	IF	CITATIONS
109	Modulation of hiding intensity by channel intensity - Stego by pixel commando. , 2012, , .		7
110	Random & AWGN road for MC-CDMA & CDMA bus to phase hide &#x2014; A MUX in MUX stego. , 2012, , .		7
111	Multiplexed stego path on reconfigurable hardware: A novel random approach. Computers and Electrical Engineering, 2016, 55, 153-163.	3.0	7
112	Secure medical image sharing: A hardware authentication approach. , 2017, , .		7
113	Confusion and diffusion on FPGA â€” Onchip solution for medical image security. , 2017, , .		7
114	Design and Analysis of Ring Oscillator Influenced Beat Frequency Detection for True Random Number Generation on FPGA. , 2019, , .		7
115	Image encryption through RNA approach assisted with neural key sequences. Multimedia Tools and Applications, 2020, 79, 12093-12124.	2.6	7
116	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
117	Double layered Fridrich structure to conserve medical data privacy using quantum cryptosystem. Journal of Information Security and Applications, 2021, 63, 102972.	1.8	7
118	CR Assisted IE Guarded Authenticated Biomedical Image Transactions. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	6
119	Indicator-based lightweight steganography on 32-bit RISC architectures for IoT security. Multimedia Tools and Applications, 2019, 78, 31485-31513.	2.6	6
120	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
121	Optimal concurrency on FPGA for lightweight medical image encryption. Journal of Intelligent and Fuzzy Systems, 2021, 40, 10385-10400.	0.8	6
122	Info Hide â€” A Cluster Cover Approach. International Journal of Computer Applications, 2010, 3, 11-18.	0.2	6
123	Why Information Security Demands Transform Domain, Compression and Encryption?. Journal of Artificial Intelligence, 2014, 7, 136-144.	0.7	6
124	Chain of Shuffling and Chaos: A Tied Cryptic Approach. Asian Journal of Scientific Research, 2015, 8, 359-366.	0.3	6
125	Tamper Proofing Identification and Authenticated DICOM Image Transmission Using Wireless Channels and CR Network. Wireless Personal Communications, 2017, 97, 5573-5595.	1.8	5
126	Jitters through dual clocks: An effective Entropy Source for True Random Number Generation. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
127	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
128	Security analysis of reversible logic cryptography design with LFSR key on 32-bit microcontroller. Microprocessors and Microsystems, 2021, 84, 104265.	1.8	5
129	Light Weight Steganography on RISC Platform-Implementation and Analysis. Asian Journal of Scientific Research, 2015, 8, 278-290.	0.3	5
130	Comparative Analysis of (5/3) and Haar IWT Based Steganography. Information Technology Journal, 2014, 13, 2534-2543.	0.3	5
131	An Ambient Assisted Living for Smart Home to Wealthy Life: A Short Review. Research Journal of Information Technology, 2013, 5, 1-11.	0.4	5
132	Space Filling Curve for Data Filling: An Embedded Security Approach. Research Journal of Information Technology, 2014, 6, 188-197.	0.4	5
133	Medical Image Encryption. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 278-304.	0.2	5
134	Two-tier search space optimisation technique for tuning of explicit plant-model mismatch in model predictive controller for industrial cement kiln process. Mathematics and Computers in Simulation, 2022, 193, 385-408.	2.4	5
135	Multi Carrier Steg against Omni Attacks. International Journal of Computer Applications, 2010, 5, 35-40.	0.2	5
136	Audio Fingerprint Indicator in Embedded Platform: A Way for Hardware Steganography. Journal of Artificial Intelligence, 2014, 7, 82-93.	0.7	5
137	Standard deviation converges for random image steganography. , 2013, , .		4
138	Intersect embedding on OFDM channel &#x2014; A stego perspective. , 2013, , .		4
139	DNA Coupled Chaos for Unified Color Image Encryption - a Secure Sharing Approach. , 2018, , .		4
140	Automatic Waste Segregation and Management. , 2020, , .		4
141	Waste contamination in Water â€” A Real-time Water Quality Monitoring System using IoT. , 2021, , .		4
142	IoT assisted Waste Collection and Management system using QR codes. , 2021, , .		4
143	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
144	Horse DNA Runs on Image: A Novel Road to Image Encryption. Research Journal of Information Technology, 2016, 8, 1-9.	0.4	4

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145	Graphical Password Authentication Scheme for Embedded Platform. Journal of Artificial Intelligence, 2014, 7, 161-171.	0.7	4
146	Robust respiratory disease classification using breathing sounds (RRDCBS) multiple features and models. Neural Computing and Applications, 2022, 34, 8155-8172.	3.2	4
147	Quantum true random number generation on IBM's cloud platform. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 6453-6465.	2.7	4
148	Reflective code for gray block embedding. , 2012, , .		3
149	Chaotic & partial encrypted image on XOR bus - an unidentified carrier approach. , 2016, , .		3
150	Convuluted Rubik's encoded quantum polarized-a secure DICOM image. , 2016, , .		3
151	Design of boolean chaotic oscillator using CMOS technology for true random number generation. , 2017, , .		3
152	On the Diffusion of Lightweight Image Encryption in Embedded Hardware. , 2018, , .		3
153	IoT Accelerated Wi-Fi Bot controlled via Node MCU. , 2018, , .		3
154	Chaos and IWT Blended Image Encryption for Grey Scale Image Security. , 2019, , .		3
155	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
156	IoT based Healthcare Monitoring and Intravenous Flow Control. , 2020, , .		3
157	Metastability Influenced PUF for Cryptographic Key Generation: A FPGA Approach. , 2020, , .		3
158	ECC joins first time with SC-FDMA for Mission "security". Multimedia Tools and Applications, 2020, 79, 17945-17967.	2.6	3
159	Mutated Cleavages of Images for Stealth Disclosure: A Hopfield Neural Network Attractor (HNNA) Approach. Neural Processing Letters, 2021, 53, 907-928.	2.0	3
160	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
161	Reversible Secret Data Hiding Based on Adjacency Pixel Difference. Journal of Artificial Intelligence, 2016, 10, 22-31.	0.7	3
162	Reliable Medical Image Communication in Healthcare IoT. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 1-26.	0.2	3

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163	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
164	Cryptic Cover for Covered Writing: A Pre-Layered Stego. Information Technology Journal, 2014, 13, 2524-2533.	0.3	3
165	Smart bit manipulation for K bit encoded hiding in K-1 pixel bits. , 2011, , .		2
166	Lightweight decentralized algorithm for localizing reactive jammers in wireless sensor network. , 2012, , .		2
167	Pixel bit manipulation for encoded hiding &#x2014; An inherent stego. , 2012, , .		2
168	Convolution &#amp;#x2014; Viterbi EN(DE)coders on OFDM hides, rides &#amp;#x2014; conveys message &#amp;#x2014; A Neural STEGO. , 2013, , .		2
169	Hungarian sculptured Discrete Gould transformed bit planes-a double puzzled image. , 2015, , .		2
170	Cellular automata + LFSR + synthetic image: A trio approach to image encryption. , 2017, , .		2
171	OTP on Demand - An Embedded System for User Authentication. , 2018, , .		2
172	Chaos Blend DNA Coding for Image Encryption on FPGA. , 2018, , .		2
173	Reciprocal Time Domain Disruption of Image for Secured Communication. , 2019, , .		2
174	DNA and Chaos Based Confusion-Diffusion for Color Image Security. , 2019, , .		2
175	Transform Domain Influenced Variable Bit - Variable Pixel Medical Image Watermarking Scheme. , 2020, , .		2
176	Monitoring and Alerting of Hazardous gases in Municipal Solid Waste using Application Program Interface. , 2021, , .		2
177	MUX induced Ring oscillators for encrypted Nano communication via Quantum Dot Cellular Automata. Nano Communication Networks, 2021, 27, 100338.	1.6	2
178	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
179	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
180	Horse Communication against Harsh Attack: A Stego Ride. Research Journal of Information Technology, 2013, 5, 263-276.	0.4	2

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181	Security Building at the Line of Control for Image Stego. International Journal of Computer Applications, 2010, 12, 46-53.	0.2	2
182	Envisioning Smart Hotels Through Spontaneous Device Integration. Research Journal of Information Technology, 2013, 5, 226-233.	0.4	2
183	Least Significant Bit but Quantum Bit: A Quasi Stego. Information Technology Journal, 2014, 13, 2544-2551.	0.3	2
184	Image Merger Encryptor: A Chaotic and Chebyshev Key Approach. Research Journal of Information Technology, 2016, 8, 10-16.	0.4	2
185	A novel audio steg for secret communication. , 2014, , .		1
186	Competition among interleavers in OFDM-an encrypted modulated modulation approach. , 2016, , .		1
187	Numerical password via graphical input " An authentication system on embedded platform. , 2017, , .		1
188	Optic assisted image encryption: Confluence of chaos and virtual instrumentation. , 2017, , .		1
189	Permutated Symmetric Key for Perfect Lightweight Image Encryption. , 2018, , .		1
190	A Logistic Approach to Route Image in a Protected Way-a Skeptimistic Image Image Encryption a Fusion. , 2018, , .		1
191	Realization of Chaos-Based Private Multiprocessor Network Via USART of Embedded Devices. , 2019, , 323-340.		1
192	Optimized Lightweight Image Steganography on Embedded Device via LUT Approach. , 2019, , .		1
193	A Robust 3 Tier DNA blended chaotic framework for Grayscale images. , 2019, , .		1
194	A Novel Quantum Encryption and Authentication Framework Integrated with IoT. , 2019, , 123-150.		1
195	A 3D Key for Encrypting 2D Images - A DNA Melded Chaotic Approach. , 2019, , .		1
196	Implementation of Image Encryption based on Chaos-IWT" An Image security. , 2020, , .		1
197	Scattering Watermark on DICOM Images. , 2020, , .		1
198	Automatic Person Count Indication System using IoT in a Hotel Infrastructure. , 2020, , .		1

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199	Intelligent Braking System. , 2020, , .		1
200	Genetic and chaotic signatures in offspring â€“ an encrypted generation of image family. Multimedia Tools and Applications, 2021, 80, 8581-8609.	2.6	1
201	Diffusion+Confusion: Chaos-assisted Twofold Cryptosystem for Secure Video Transmission. Lecture Notes in Networks and Systems, 2021, , 145-153.	0.5	1
202	BIOBIN for Safe handling and disposing of Biomedical waste during COVID '19. , 2021, , .		1
203	Efficient Collection, Deposition of E-Waste using IoT. , 2021, , .		1
204	Pyramid Entropy Source for True Random Number Generator on FPGA. Advances in Intelligent Systems and Computing, 2020, , 23-33.	0.5	1
205	Key Decided Cover for Random Image Steganography. Research Journal of Information Technology, 2013, 5, 171-180.	0.4	1
206	Image Hides Image: A Secret Stego Tri-layer Approach. Research Journal of Information Technology, 2013, 5, 249-255.	0.4	1
207	Binary in Binary for Secret Writing â€“ A Crypticâ€™s Cousin Approach. International Journal of Computer Applications, 2010, 5, 41-47.	0.2	1
208	Secured Login System. Research Journal of Information Technology, 2013, 5, 462-467.	0.4	1
209	Compiler Optimization and Plain Text Pre-Processing to Hoist the Height of HIGHT in AVR Platform. Research Journal of Information Technology, 2014, 6, 356-367.	0.4	1
210	Smarter Environments: A Compact Service-Oriented Framework for Context-Awareness. Journal of Artificial Intelligence, 2014, 7, 145-160.	0.7	1
211	Tamper Detection of Medical Images Using Modified Hashing Algorithm. Advances in Intelligent Systems and Computing, 2020, , 491-498.	0.5	1
212	Robust Image Encryption in Transform Domain Using Duo Chaotic Mapsâ€™A Secure Communication. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 271-281.	0.5	1
213	Grey-Level Text Encryption Using Chaotic Maps and Arnold Transform. Advances in Intelligent Systems and Computing, 2020, , 491-500.	0.5	1
214	Design of tri-layer image encryption scheme using Calendar Month Vowel Count (CMVC) approach. Multimedia Tools and Applications, 2022, 81, 10337-10371.	2.6	1
215	DS-CDMA in stego pitch. , 2013, , .		0
216	Random hide to hide random &#x2014; A stego affair encryption for We(e/a)k secret. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
217	Encrypted RS and cyclic doubles in OFDM - a channel variable approach. , 2014, , .		0
218	Blend of error control codes in OFDM - effect of channel - a comparative approach. , 2014, , .		0
219	Race among error control codes in OFDM - role of modulation techniques. , 2014, , .		0
220	2&#x03C0; rotated Key2 shuffling and scrambling - a cryptic track. , 2015, , .		0
221	Yet another but an incremental reversible data hiding- for an irreversible data safety. , 2016, , .		0
222	Stego integrated image encryption using row and column indexing â€” An information security. , 2017, , .		0
223	On the lossless image recovery analysis of cyclic shift and chaotic system based image encryption. , 2017, , .		0
224	Quantum polarized image encryption â€” A secure communication. , 2017, , .		0
225	Graphics control on LCD via digital accelerometer â€” An open maze game. , 2017, , .		0
226	Image Encryption: A Random Selection Approach. , 2018, , .		0
227	Secret DICOM Communication via Li-Fi using Gould transform and Histogram shifting. , 2018, , .		0
228	Chaotic based Image Encryption - A Neutral Perspective. , 2019, , .		0
229	Image Encryption based on Quantum-Assisted DNA Coded System. , 2019, , .		0
230	LabVIEW based Alert System for Elderly Bedridden Cardiovascular Patients. , 2019, , .		0
231	An Eccentric Crypto Approach for Medical Images A Strange Crypto Model. , 2019, , .		0
232	A Novel Multiple Segmented Image Encryption. , 2019, , .		0
233	Chaos in Series to Avoid Serial Attacks on Image: A Secure Image Communication Perspective. , 2019, , .		0
234	Recursive Orthogonal Diffusion for Deeper Encryption of Color Images. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
235	Image Encryption on DICOM images – A Key Enhanced Linear Wavelet Transform. , 2019, , .		0
236	Performance Evaluation of Chaotic Maps & Attractors in Image Encryption. , 2019, , .		0
237	Chaos Assisted Security Solution for Preserving Medical Images. , 2019, , .		0
238	Secure Encrypted Data Transmission Via Multiple Chaotic Maps. , 2019, , .		0
239	Chaos Aided Audio Secure Communication over SC-FDMA System. , 2019, , .		0
240	Open hiding for truncating hackers - a block truncation and wavelet approach. Multimedia Tools and Applications, 2019, 78, 9951-9969.	2.6	0
241	Fridrich Structure Implementation on Gray Scale Images in an Embedded FPGA Platform. , 2020, , .		0
242	Chaotic Based Adaptive Inter Planar Confusion for Color Images. , 2020, , .		0
243	Real Time Authenticated Spectrum Access and Encrypted Image Transmission via Cloud Enabled Fusion centre. Wireless Personal Communications, 2020, 115, 2127-2148.	1.8	0
244	Reversible Hiding with Quick Response Code - A Responsible Security. , 2020, , .		0
245	Hybrid Random Number Generation Architecture for Mobile Registration Controller: A Reconfigurable Hardware Realization. Wireless Personal Communications, 2020, 115, 239-266.	1.8	0
246	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
247	Chaos Blend LFSR – Duo Approach on FPGA for Medical Image Security. Lecture Notes in Networks and Systems, 2021, , 155-163.	0.5	0
248	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
249	Medical Image Encryption. , 2021, , 269-293.		0
250	Short Message (Service) as Key for Steganography. Research Journal of Information Technology, 2013, 5, 113-124.	0.4	0
251	Bio-hiding for Smart Swipe Card: A Secret Security. Research Journal of Information Technology, 2013, 5, 100-112.	0.4	0
252	Concealed to Protect and Protect to Conceal: A Conserved Stego Image. Research Journal of Information Technology, 2013, 5, 209-217.	0.4	0

#	ARTICLE	IF	CITATIONS
253	Compressed and Encrypted Secret Hides in Image for Rugged Stego. Research Journal of Information Technology, 2013, 5, 234-241.	0.4	0
254	Humanoid as a Sensor Node. Research Journal of Information Technology, 2013, 5, 411-418.	0.4	0
255	Random Abrasion on Image for Security Magnification. Research Journal of Information Technology, 2013, 5, 317-328.	0.4	0
256	Admission Control Scheme for QoS Support in IEEE 802.11e Wireless LAN. Research Journal of Information Technology, 2013, 5, 291-303.	0.4	0
257	Model Identification and Predictive Controller Design for a Nonlinear Process. Research Journal of Information Technology, 2014, 6, 178-187.	0.4	0
258	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
259	Modeling and Simulation of Shunt Active Filter for Non Linear Load. Research Journal of Information Technology, 2014, 6, 216-222.	0.4	0
260	Identification of 12+18+206+1 Characters of Dravidian Semmozhi-image Processing Trip to South India. Information Technology Journal, 2014, 13, 1961-1968.	0.3	0
261	Cover G for 3 and 4 G-A Stego Product. Information Technology Journal, 2014, 13, 1977-1984.	0.3	0
262	Is Facebook-A Global Library?. Information Technology Journal, 2014, 13, 2027-2031.	0.3	0
263	SVPWM Based Stator Oriented Non-linear Control of Induction Motor Drives. Information Technology Journal, 2014, 13, 2574-2580.	0.3	0
264	A New Approach for Enabling Context-Awareness Towards People-centric and Smarter Applications. Information Technology Journal, 2014, 13, 2602-2610.	0.3	0
265	Biosensors for Gas Detection: A Smart Approach Towards Kitchen Security. Journal of Artificial Intelligence, 2014, 7, 172-181.	0.7	0
266	Tri Layer Image Encryption Based on Quantum Principle. Research Journal of Information Technology, 2016, 8, 82-87.	0.4	0
267	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
268	An Image Mathcrypt - A Flawless Security via Flawed Image. Communications in Computer and Information Science, 2019, , 16-31.	0.4	0
269	Cellular Automata Based Key Stream Generator " A Reconfigurable Hardware Approach. Communications in Computer and Information Science, 2019, , 232-242.	0.4	0
270	Medical Data Are Safe. Advances in Bioinformatics and Biomedical Engineering Book Series, 2019, , 142-165.	0.2	0

#	ARTICLE	IF	CITATIONS
271	Different Parameter Analysis of Class-1 Generation-2 (C1G2) RFID System Using GNU Radio. , 2019, , 91-116.		0
272	Tri Layer Model for Color Image Cipherring Through DNA Assisted 2D Chaos. Advances in Intelligent Systems and Computing, 2020, , 404-416.	0.5	0
273	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
274	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
275	Misconstrued voice on SC-FDMA for secured comprehension - a cooperative influence of DWT and ECC. Multimedia Tools and Applications, 2022, 81, 7201-7217.	2.6	0