

# Ahmed A Abd El-Latif

## List of Publications by Year in descending order

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174  
papers

7,445  
citations

46918

47  
h-index

69108

77  
g-index

178  
all docs

178  
docs citations

178  
times ranked

3637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of myocardial infarction based on novel deep transfer learning methods for urban healthcare in smart cities. <i>Multimedia Tools and Applications</i> , 2024, 83, 14913-14934.	2.6	72
2	An FCN-LSTM model for neurological status detection from non-invasive multivariate sensor data. <i>Neural Computing and Applications</i> , 2024, 36, 77-93.	3.2	2
3	Machine learning and smart card based two-factor authentication scheme for preserving anonymity in telecare medical information system (TMIS). <i>Neural Computing and Applications</i> , 2023, 35, 5055-5080.	3.2	13
4	Linearly decreasing inertia weight PSO and improved weight factor-based clustering algorithm for wireless sensor networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 6661-6679.	3.3	12
5	iELMNet: Integrating Novel Improved Extreme Learning Machine and Convolutional Neural Network Model for Traffic Sign Detection. <i>Big Data</i> , 2023, 11, 323-338.	2.1	5
6	Intelligent computational methods for multi-unmanned aerial vehicle-enabled autonomous mobile edge computing systems. <i>ISA Transactions</i> , 2023, 132, 5-15.	3.1	11
7	Multi-IRS and Multi-UAV-Assisted MEC System for 5G/6G Networks: Efficient Joint Trajectory Optimization and Passive Beamforming Framework. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2023, 24, 4553-4564.	4.7	24
8	Toward Smart Traffic Management With 3D Placement Optimization in UAV-Assisted NOMA IIoT Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2023, 24, 15448-15458.	4.7	10
9	SK-MobileNet: A Lightweight Adaptive Network Based on Complex Deep Transfer Learning for Plant Disease Recognition. <i>Arabian Journal for Science and Engineering</i> , 2023, 48, 1661-1675.	1.7	9
10	Multiagent Federated Reinforcement Learning for Secure Incentive Mechanism in Intelligent Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2022, 9, 22095-22108.	5.5	36
11	Efficient deep learning approach for augmented detection of Coronavirus disease. <i>Neural Computing and Applications</i> , 2022, 34, 11423-11440.	3.2	134
12	Multimodal biometric authentication based on deep fusion of electrocardiogram (ECG) and finger vein. <i>Multimedia Systems</i> , 2022, 28, 1325-1337.	3.0	18
13	Flexible architecture for deployment of edge computing applications. <i>Simulation Modelling Practice and Theory</i> , 2022, 114, 102402.	2.2	4
14	Myocardial infarction detection based on deep neural network on imbalanced data. <i>Multimedia Systems</i> , 2022, 28, 1373-1385.	3.0	66
15	Overview of Information Hiding Algorithms for Ensuring Security in IoT Based Cyber-Physical Systems. <i>Studies in Big Data</i> , 2022, , 81-115.	0.8	3
16	Security and Interoperability Issues with Internet of Things (IoT) in Healthcare Industry: A Survey. <i>Studies in Big Data</i> , 2022, , 159-189.	0.8	5
17	Synergic Deep Learning for Smart Health Diagnosis of COVID-19 for Connected Living and Smart Cities. <i>ACM Transactions on Internet Technology</i> , 2022, 22, 1-14.	3.0	42
18	Deep reinforcement learning based transmission policy enforcement and multi-hop routing in QoS aware LoRa IoT networks. <i>Computer Communications</i> , 2022, 183, 33-50.	3.1	30

#	ARTICLE	IF	CITATIONS
19	Intelligent Driver Drowsiness Detection for Traffic Safety Based on Multi CNN Deep Model and Facial Subsampling. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19743-19752.	4.7	26
20	Tomato leaf disease classification by exploiting transfer learning and feature concatenation. IET Image Processing, 2022, 16, 913-925.	1.4	39
21	A Deep Learning Framework for Leukemia Cancer Detection in Microscopic Blood Samples Using Squeeze and Excitation Learning. Mathematical Problems in Engineering, 2022, 2022, 1-18.	0.6	27
22	A Chaotic Quadratic Oscillator with Only Squared Terms: Multistability, Impulsive Control, and Circuit Design. Symmetry, 2022, 14, 259.	1.1	5
23	Multimedia Cryptosystem for IoT Applications Based on a Novel Chaotic System around a Predefined Manifold. Sensors, 2022, 22, 334.	2.1	9
24	An Improved Hybrid Swarm Intelligence for Scheduling IoT Application Tasks in the Cloud. IEEE Transactions on Industrial Informatics, 2022, 18, 6264-6272.	7.2	51
25	Efficient multimodal deep-learning-based COVID-19 diagnostic system for noisy and corrupted images. Journal of King Saud University - Science, 2022, 34, 101898.	1.6	11
26	A Novel Approach for Robust S-Box Construction Using a 5-D Chaotic Map and Its Application to Image Cryptosystem. Studies in Big Data, 2022, , 1-17.	0.8	2
27	Multistability Analysis and MultiSim Simulation of A 12-Term Double-Scroll Hyperchaos System with Three Nonlinear Terms, Bursting Oscillations and Its Cryptographic Applications. Studies in Big Data, 2022, , 221-235.	0.8	3
28	A Novel 4D Hyperchaotic System Assisted Josephus Permutation for Secure Substitution-Box Generation. Journal of Signal Processing Systems, 2022, 94, 315-328.	1.4	9
29	A New 4D Hyperchaotic System with Dynamics Analysis, Synchronization, and Application to Image Encryption. Symmetry, 2022, 14, 424.	1.1	28
30	Efficient Generation of Cancelable Face Templates Based on Quantum Image Hilbert Permutation. Electronics (Switzerland), 2022, 11, 1040.	1.8	5
31	Reversible quantum communication& systems. IET Quantum Communication, 2022, 3, 1-4.	2.2	0
32	Improved Sine-Tangent chaotic map with application in medical images encryption. Journal of Information Security and Applications, 2022, 66, 103131.	1.8	22
33	Real-Time Traffic Speed Estimation for Smart Cities with Spatial Temporal Data: A Gated Graph Attention Network Approach. Big Data Research, 2022, 28, 100313.	2.6	9
34	Static models for implementing photovoltaic panels characteristics under various environmental conditions using improved gradient-based optimizer. Sustainable Energy Technologies and Assessments, 2022, 52, 102150.	1.7	3
35	Energy and task completion time minimization algorithm for UAVs-empowered MEC SYSTEM. Sustainable Computing: Informatics and Systems, 2022, 35, 100698.	1.6	6
36	QIRHSI: novel quantum image representation based on HSI color space model. Quantum Information Processing, 2022, 21, 1.	1.0	15

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37	Location and Time Aware Multitask Allocation in Mobile Crowd-Sensing Based on Genetic Algorithm. Sensors, 2022, 22, 3013.	2.1	8
38	Guest Editorial: Advanced Computing and Blockchain Applications for Critical Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 8282-8286.	7.2	1
39	Investigation of the Simplest Megastable Chaotic Oscillator with Spatially Triangular Wave Damping. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	1
40	Advance generalization technique through 3D CNN to overcome the false positives pedestrian in autonomous vehicles. Telecommunication Systems, 2022, 80, 545-557.	1.6	14
41	A novel end-to-end deep learning approach for cancer detection based on microscopic medical images. Biocybernetics and Biomedical Engineering, 2022, 42, 737-748.	3.3	17
42	Energy Consumption and Sustainable Services in Intelligent Reflecting Surface and Unmanned Aerial Vehicles-Assisted MEC System for Large-Scale Internet of Things Devices. IEEE Transactions on Green Communications and Networking, 2022, 6, 1396-1407.	3.5	6
43	Efficient Entropic Security with Joint Compression and Encryption Approach Based on Compressed Sensing with Multiple Chaotic Systems. Entropy, 2022, 24, 885.	1.1	8
44	An Efficient Routing Protocol for Quantum Key Distribution Networks. Entropy, 2022, 24, 911.	1.1	5
45	A Novel Chaos-Based Cryptography Algorithm and Its Performance Analysis. Mathematics, 2022, 10, 2434.	1.1	13
46	Optical image encryption based on quantum walks. Optics and Lasers in Engineering, 2021, 138, 106403.	2.0	57
47	Secure and Optimized Load Balancing for Multitier IoT and Edge-Cloud Computing Systems. IEEE Internet of Things Journal, 2021, 8, 8119-8132.	5.5	98
48	A Multitier Deep Learning Model for Arrhythmia Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	2.4	136
49	A Novel Construction of Dynamic S-Box With High Nonlinearity Using Heuristic Evolution. IEEE Access, 2021, 9, 67797-67812.	2.6	31
50	Deep Learning Modalities for Biometric Alteration Detection in 5G Networks-Based Secure Smart Cities. IEEE Access, 2021, 9, 94780-94788.	2.6	30
51	A 5-D Multi-Stable Hyperchaotic Two-Disk Dynamo System With No Equilibrium Point: Circuit Design, FPGA Realization and Applications to TRNGs and Image Encryption. IEEE Access, 2021, 9, 81352-81369.	2.6	32
52	Biosignal classification for human identification based on convolutional neural networks. International Journal of Communication Systems, 2021, 34, e4685.	1.6	15
53	Joint computation offloading and task caching for multi-user and multi-task MEC systems: reinforcement learning-based algorithms. Wireless Networks, 2021, 27, 2023-2038.	2.0	113
54	Securing Digital Images through Simple Permutation-Substitution Mechanism in Cloud-Based Smart City Environment. Security and Communication Networks, 2021, 2021, 1-17.	1.0	47

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55	A biometric cryptosystem scheme based on random projection and neural network. <i>Soft Computing</i> , 2021, 25, 7657-7670.	2.1	16
56	Quantum based encryption approach for secure images. , 2021, , .		3
57	Convergence of Blockchain and IoT for Secure Transportation Systems in Smart Cities. <i>Security and Communication Networks</i> , 2021, 2021, 1-13.	1.0	60
58	Efficient Chaos-Based Substitution-Box and Its Application to Image Encryption. <i>Electronics (Switzerland)</i> , 2021, 10, 1392.	1.8	40
59	Energy-Efficient Relay-Based Void Hole Prevention and Repair in Clustered Multi-AUV Underwater Wireless Sensor Network. <i>Security and Communication Networks</i> , 2021, 2021, 1-20.	1.0	16
60	Speaker identification based on Radon transform and CNNs in the presence of different types of interference for Robotic Applications. <i>Applied Acoustics</i> , 2021, 177, 107665.	1.7	10
61	Quantum-Inspired Blockchain-Based Cybersecurity: Securing Smart Edge Utilities in IoT-Based Smart Cities. <i>Information Processing and Management</i> , 2021, 58, 102549.	5.4	99
62	Secure blockchain enabled Cyber-physical systems in healthcare using deep belief network with ResNet model. <i>Journal of Parallel and Distributed Computing</i> , 2021, 153, 150-160.	2.7	164
63	Study and Analysis of Multiconnectivity for Ultrareliable and Low-Latency Features in Networks and V2X Communications. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-10.	0.8	2
64	Automated detection of shockable ECG signals: A review. <i>Information Sciences</i> , 2021, 571, 580-604.	4.0	40
65	A memristive RLC oscillator dynamics applied to image encryption. <i>Journal of Information Security and Applications</i> , 2021, 61, 102944.	1.8	22
66	A secure and efficient key agreement framework for critical energy infrastructure using mobile device. <i>Telecommunication Systems</i> , 2021, 78, 539-557.	1.6	17
67	Secure and Energy Efficient-Based E-Health Care Framework for Green Internet of Things. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 1223-1231.	3.5	92
68	A New 4-D Multi-Stable Hyperchaotic System With No Balance Point: Bifurcation Analysis, Circuit Simulation, FPGA Realization and Image Cryptosystem. <i>IEEE Access</i> , 2021, 9, 144555-144573.	2.6	25
69	An Efficient Method for Choosing Digital Cluster Size in Ultralow Latency Networks. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-9.	0.8	5
70	A Smart Surveillance System for Uncooperative Gait Recognition Using Cycle Consistent Generative Adversarial Networks (CCGANs). <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-12.	1.1	4
71	A Multi-Image Cryptosystem Using Quantum Walks and Chebyshev Map. <i>Complexity</i> , 2021, 2021, 1-16.	0.9	10
72	Gender Classification Using Proposed CNN-Based Model and Ant Colony Optimization. <i>Mathematics</i> , 2021, 9, 2499.	1.1	11

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73	Double layered Fridrich structure to conserve medical data privacy using quantum cryptosystem. Journal of Information Security and Applications, 2021, 63, 102972.	1.8	7
74	Applicable Image Security Based on New Hyperchaotic System. Symmetry, 2021, 13, 2290.	1.1	6
75	An Integrated Approach for Cancer Survival Prediction Using Data Mining Techniques. Computational Intelligence and Neuroscience, 2021, 2021, 1-14.	1.1	12
76	Secure Health Monitoring Communication Systems Based on IoT and Cloud Computing for Medical Emergency Applications. Computational Intelligence and Neuroscience, 2021, 2021, 1-23.	1.1	40
77	An Efficient Visually Meaningful Quantum Walks-Based Encryption Scheme for Secure Data Transmission on IoT and Smart Applications. Mathematics, 2021, 9, 3131.	1.1	4
78	A Vision Transformer Model for Violence Detection from Real-Time Videos. , 2021, , .		2
79	Quantum video encryption based on qubit-planes controlled-XOR operations and improved logistic map. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122660.	1.2	33
80	Dominant Data Set Selection Algorithms for Electricity Consumption Time-Series Data Analysis Based on Affine Transformation. IEEE Internet of Things Journal, 2020, 7, 4347-4360.	5.5	53
81	Controlled alternate quantum walk-based pseudo-random number generator and its application to quantum color image encryption. Physica A: Statistical Mechanics and Its Applications, 2020, 547, 123869.	1.2	67
82	Design and implementation of a simple dynamical 4-D chaotic circuit with applications in image encryption. Information Sciences, 2020, 515, 191-217.	4.0	169
83	Secret images transfer in cloud system based on investigating quantum walks in steganography approaches. Physica A: Statistical Mechanics and Its Applications, 2020, 541, 123687.	1.2	44
84	Controlled alternate quantum walks based privacy preserving healthcare images in Internet of Things. Optics and Laser Technology, 2020, 124, 105942.	2.2	86
85	A Multidimensional Hyperjerk Oscillator: Dynamics Analysis, Analogue and Embedded Systems Implementation, and Its Application as a Cryptosystem. Sensors, 2020, 20, 83.	2.1	81
86	A New Chaotic Map With Dynamic Analysis and Encryption Application in Internet of Health Things. IEEE Access, 2020, 8, 137731-137744.	2.6	109
87	An External Parameter Independent Novel Cost Function for Evolving Bijective Substitution-Boxes. Symmetry, 2020, 12, 1896.	1.1	14
88	Deploying Machine and Deep Learning Models for Efficient Data-Augmented Detection of COVID-19 Infections. Viruses, 2020, 12, 769.	1.5	150
89	A 3-D Multi-Stable System With a Peanut-Shaped Equilibrium Curve: Circuit Design, FPGA Realization, and an Application to Image Encryption. IEEE Access, 2020, 8, 137116-137132.	2.6	115
90	Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687.	2.6	45

#	ARTICLE	IF	CITATIONS
91	Providing End-to-End Security Using Quantum Walks in IoT Networks. IEEE Access, 2020, 8, 92687-92696.	2.6	65
92	DITrust Chain: Towards Blockchain-Based Trust Models for Sustainable Healthcare IoT Systems. IEEE Access, 2020, 8, 111223-111238.	2.6	211
93	Gaussian process regression (GPR) based non-invasive continuous blood pressure prediction method from cuff oscillometric signals. Applied Acoustics, 2020, 164, 107256.	1.7	36
94	Efficient Implementation of Homomorphic and Fuzzy Transforms in Random-Projection Encryption Frameworks for Cancellable Face Recognition. Electronics (Switzerland), 2020, 9, 1046.	1.8	23
95	A Robust Quasi-Quantum Walks-based Steganography Protocol for Secure Transmission of Images on Cloud-based E-healthcare Platforms. Sensors, 2020, 20, 3108.	2.1	66
96	Quantum-inspired cascaded discrete-time quantum walks with induced chaotic dynamics and cryptographic applications. Scientific Reports, 2020, 10, 1930.	1.6	96
97	A novel blood pressure estimation method based on the classification of oscillometric waveforms using machine-learning methods. Applied Acoustics, 2020, 164, 107279.	1.7	34
98	Secure Data Encryption Based on Quantum Walks for 5G Internet of Things Scenario. IEEE Transactions on Network and Service Management, 2020, 17, 118-131.	3.2	157
99	Quaternion and multiple chaotic systems based pseudo-random number generator. , 2019, , .		10
100	IoT Security Based on Iris Verification Using Multi-Algorithm Feature Level Fusion Scheme. , 2019, , .		21
101	An encryption protocol for NEQR images based on one-particle quantum walks on a circle. Quantum Information Processing, 2019, 18, 1.	1.0	78
102	Gait identification by convolutional neural networks and optical flow. Multimedia Tools and Applications, 2019, 78, 25873-25888.	2.6	21
103	Efficient quantum-based security protocols for information sharing and data protection in 5G networks. Future Generation Computer Systems, 2019, 100, 893-906.	4.9	91
104	A novel image steganography technique based on quantum substitution boxes. Optics and Laser Technology, 2019, 116, 92-102.	2.2	123
105	Score level multibiometrics fusion approach for healthcare. Cluster Computing, 2019, 22, 2425-2436.	3.5	16
106	Distortion less secret image sharing scheme for Internet of Things system. Cluster Computing, 2019, 22, 2293-2307.	3.5	33
107	Image steganography algorithm based on key matrix generated by quantum walks. , 2019, , .		7
108	Image watermarking algorithm based on quaternion and chaotic Lorenz system. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
109	Secure Quantum Steganography Protocol for Fog Cloud Internet of Things. IEEE Access, 2018, 6, 10332-10340.	2.6	106
110	Robust Encryption of Quantum Medical Images. IEEE Access, 2018, 6, 1073-1081.	2.6	110
111	Efficient Quantum Information Hiding for Remote Medical Image Sharing. IEEE Access, 2018, 6, 21075-21083.	2.6	116
112	Quantum Information Protocols for Cryptography. Studies in Big Data, 2018, , 3-23.	0.8	8
113	Iris Recognition Using Multi-Algorithmic Approaches for Cognitive Internet of things (CloT) Framework. Future Generation Computer Systems, 2018, 89, 178-191.	4.9	58
114	A simple yet efficient S-box method based on chaotic sine map. Optik, 2017, 130, 1438-1444.	1.4	154
115	Efficient chaotic nonlinear component for secure cryptosystems. , 2017, , .		16
116	New Quantum Image Steganography Scheme with Hadamard Transformation. Advances in Intelligent Systems and Computing, 2017, , 342-352.	0.5	13
117	Chaos-based partial image encryption scheme based on linear fractional and lifting wavelet transforms. Optics and Lasers in Engineering, 2017, 88, 37-50.	2.0	170
118	Efficient cryptosystem approaches: S-boxes and permutationâ€“substitution-based encryption. Nonlinear Dynamics, 2017, 87, 337-361.	2.7	192
119	QISLSQb: A Quantum Image Steganography Scheme Based on Least Significant Qubit. DEStech Transactions on Computer Science and Engineering, 2017, , .	0.1	8
120	Quantum image encryption based on scrambling-diffusion (SD) approach. , 2016, , .		6
121	A novel image encryption scheme based on substitution-permutation network and chaos. Signal Processing, 2016, 128, 155-170.	2.1	398
122	Efficient color image watermarking using homomorphic based SVD in DWT domain. , 2016, , .		4
123	Response to the Letter to the Editor from Y.G. Yang et al. regarding â€œDynamic watermarking scheme for quantum images based on Hadamard transformâ€“by Xianhua Song et al., Multimedia Systems, doi: 10.1007/s00530-014-0355-3. Multimedia Systems, 2016, 22, 273-274.	3.0	1
124	Chaotic watermark for blind forgery detection in images. Multimedia Tools and Applications, 2016, 75, 8695-8718.	2.6	59
125	Image encryption scheme for secure digital images based on 3D cat map and Turing machine. , 2015, , .		14
126	Secret Sharing-Based Chaotic Image Encryption. International Journal of Security and Its Applications, 2015, 9, 217-224.	0.5	9



#	ARTICLE	IF	CITATIONS
127	A novel template protection scheme for multibiometrics based on fuzzy commitment and chaotic system. <i>Signal, Image and Video Processing</i> , 2015, 9, 99-109.	1.7	12
128	Breaking an image encryption scheme based on a spatiotemporal chaotic system. <i>Signal Processing: Image Communication</i> , 2015, 39, 151-158.	1.8	49
129	Selective image encryption scheme based on DWT, AES S-box and chaotic permutation. , 2015, , .		47
130	New approaches for efficient information hiding-based secret image sharing schemes. <i>Signal, Image and Video Processing</i> , 2015, 9, 499-510.	1.7	25
131	Visual secret sharing based on random grids with abilities of AND and XOR lossless recovery. <i>Multimedia Tools and Applications</i> , 2015, 74, 3231-3252.	2.6	63
132	Linear discriminant multi-set canonical correlations analysis (LDMCCA): an efficient approach for feature fusion of finger biometrics. <i>Multimedia Tools and Applications</i> , 2015, 74, 4469-4486.	2.6	33
133	Cryptanalysis of a video encryption method based on mixing and permutation operations in the DCT domain. <i>Signal, Image and Video Processing</i> , 2015, 9, 1281-1286.	1.7	20
134	Threshold visual secret sharing with comprehensive properties based on random grids. <i>Signal, Image and Video Processing</i> , 2015, 9, 1659-1668.	1.7	5
135	Random grids-based visual secret sharing with improved visual quality via error diffusion. <i>Multimedia Tools and Applications</i> , 2015, 74, 9279-9296.	2.6	18
136	Finger multibiometric cryptosystems: fusion strategy and template security. <i>Journal of Electronic Imaging</i> , 2014, 23, 023001.	0.5	12
137	Color encryption scheme based on adapted quantum logistic map. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
138	An enhanced thermal face recognition method based on multiscale complex fusion for Gabor coefficients. <i>Multimedia Tools and Applications</i> , 2014, 72, 2339-2358.	2.6	38
139	Toward accurate localization and high recognition performance for noisy iris images. <i>Multimedia Tools and Applications</i> , 2014, 71, 1411-1430.	2.6	46
140	A new image encryption scheme based on cyclic elliptic curve and chaotic system. <i>Multimedia Tools and Applications</i> , 2014, 70, 1559-1584.	2.6	60
141	Dynamic watermarking scheme for quantum images based on Hadamard transform. <i>Multimedia Systems</i> , 2014, 20, 379-388.	3.0	110
142	Multimodal biometric authentication based on score level fusion of finger biometrics. <i>Optik</i> , 2014, 125, 6891-6897.	1.4	87
143	Saliency detection based on integrated features. <i>Neurocomputing</i> , 2014, 129, 114-121.	3.5	29
144	Quantum image encryption based on restricted geometric and color transformations. <i>Quantum Information Processing</i> , 2014, 13, 1765-1787.	1.0	67

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145	Efficient pan-sharpening of satellite images with the contourlet transform. International Journal of Remote Sensing, 2014, 35, 1979-2002.	1.3	12
146	A Novel Perceptual Secret Sharing Scheme. Lecture Notes in Computer Science, 2014, , 68-90.	1.0	14
147	A Block Encryption Scheme for Secure Still Visual Data based on One-Way Coupled Map Lattice. International Journal of Security and Its Applications, 2014, 8, 89-100.	0.5	8
148	A dynamic watermarking scheme for quantum images using quantum wavelet transform. Quantum Information Processing, 2013, 12, 3689-3706.	1.0	123
149	A new approach to chaotic image encryption based on quantum chaotic system, exploiting color spaces. Signal Processing, 2013, 93, 2986-3000.	2.1	155
150	Selective Encryption for Cartoon Images. , 2013, , .		3
151	A new meaningful secret sharing scheme based on random grids, error diffusion and chaotic encryption. Optics and Laser Technology, 2013, 54, 389-400.	2.2	51
152	A hybrid chaotic system and cyclic elliptic curve for image encryption. AEU - International Journal of Electronics and Communications, 2013, 67, 136-143.	1.7	108
153	A Novel Hybrid Multibiometrics Based on the Fusion of Dual Iris, Visible and Thermal Face Images. , 2013, , .		30
154	An effective preprocessing method for finger vein recognition. Proceedings of SPIE, 2013, , .	0.8	10
155	A new encryption scheme for color images based on quantum chaotic system in transform domain. , 2013, , .		5
156	Two-directional two-dimensional modified Fisher principal component analysis: an efficient approach for thermal face verification. Journal of Electronic Imaging, 2013, 22, 023013.	0.5	7
157	A Fully Automatic Player Detection Method Based on One-Class SVM. IEICE Transactions on Information and Systems, 2013, E96.D, 387-391.	0.4	24
158	Finger Vein Recognition with Gabor Wavelets and Local Binary Patterns. IEICE Transactions on Information and Systems, 2013, E96.D, 1886-1889.	0.4	31
159	An accurate iris location method for low quality iris images. Proceedings of SPIE, 2012, , .	0.8	6
160	A new image segmentation method via fusing NCut eigenvectors maps. Proceedings of SPIE, 2012, , .	0.8	12
161	Skeleton Modulated Topological Perception Map for Rapid Viewpoint Selection. IEICE Transactions on Information and Systems, 2012, E95.D, 2585-2588.	0.4	8
162	A new image encryption based on chaotic systems and singular value decomposition. , 2012, , .		8

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163	Digital Image Encryption Scheme Based on Multiple Chaotic Systems. Sensing and Imaging, 2012, 13, 67-88.	1.0	65
164	Finger-vein Verification Using Gabor Filter and SIFT Feature Matching. , 2012, , .		56
165	A novel secret image sharing scheme based on chaotic system. , 2012, , .		5
166	A new image cipher in time and frequency domains. Optics Communications, 2012, 285, 4241-4251.	1.0	38
167	A Lossless Secret Image Sharing Scheme Based on Steganography. , 2012, , .		9
168	Elliptic curve ElGamal based homomorphic image encryption scheme for sharing secret images. Signal Processing, 2012, 92, 1069-1078.	2.1	106
169	A Novel Multi-division Template Protection (MDTP) Scheme for Iris Recognition Based on Fuzzy Vault. , 2011, , .		4
170	Image Encryption Scheme of Pixel Bit Based on Combination of Chaotic Systems. , 2011, , .		9
171	A chaotic block cipher algorithm for image cryptosystems. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3484-3497.	1.7	95
172	Chaos-based hash function (CBHF) for cryptographic applications. Chaos, Solitons and Fractals, 2009, 42, 767-772.	2.5	50
173	Diffusion-Substitution Mechanism for Color Image Encryption Based on Multiple Chaotic Systems. Advanced Materials Research, 0, 981, 327-330.	0.3	16
174	Quantum color image encryption based on multiple discrete chaotic systems. , 0, , .		35