

Qun Ding

List of Publications by Year in descending order

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82
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623188

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84
all docs

84
docs citations

84
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Visually Meaningful Image Encryption Algorithm Based on Parallel Compressive Sensing and Cellular Neural Network. Smart Innovation, Systems and Technologies, 2022, , 351-360.	0.5	0
2	Detection and Location of Multi-Period Phenomena in Chaotic Binary Sequences. Entropy, 2022, 24, 331.	1.1	0
3	Image Encryption Scheme Based on Mixed Chaotic Bernoulli Measurement Matrix Block Compressive Sensing. Entropy, 2022, 24, 273.	1.1	15
4	Evaluating the Randomness of Chaotic Binary Sequences Via a Novel Period Detection Algorithm. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	7
5	A universal method for constructing non-degenerate hyperchaotic systems with any desired number of positive Lyapunov exponents. Chaos, Solitons and Fractals, 2022, 161, 112323.	2.5	23
6	SM4 Chaotic Masking Scheme Against Power Analysis Based on FPGA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	2
7	Analysis and resistance of dynamic degradation of digital chaos via functional graphs. Nonlinear Dynamics, 2021, 103, 1081-1097.	2.7	16
8	A Novel Plaintext-Related Color Image Encryption Scheme Based on Cellular Neural Network and Chen's Chaotic System. Symmetry, 2021, 13, 393.	1.1	18
9	Construction of an S-Box Based on Chaotic and Bent Functions. Symmetry, 2021, 13, 671.	1.1	21
10	A Three-Dimensional Infinite Collapse Map with Image Encryption. Entropy, 2021, 23, 1221.	1.1	4
11	Simulation Design of Cavity-Backed Self-Phased Polarization-Reconfigurable Antenna Based on Liquid Metal. , 2021, , .		0
12	Predicting Temperature of Permanent Magnet Synchronous Motor Based on Deep Neural Network. Energies, 2020, 13, 4782.	1.6	26
13	A New Matrix Projective Synchronization of Fractional-Order Discrete-Time Systems and its Application in Secure Communication. IEEE Access, 2020, 8, 147451-147458.	2.6	6
14	A Novel Image Encryption Scheme Based on 2D Fractional Chaotic Map, DWT and 4D Hyper-chaos. Electronics (Switzerland), 2020, 9, 1280.	1.8	39
15	The Establishment and Dynamic Properties of a New 4D Hyperchaotic System with Its Application and Statistical Tests in Gray Images. Entropy, 2020, 22, 310.	1.1	15
16	A Modified Algorithm for the Logistic Sequence Based on PCA. IEEE Access, 2020, 8, 45254-45262.	2.6	4
17	Memristive Hidden Chaotic System and Circuit Based on Sprott-2 System. , 2020, , .		2
18	Performance of Finite Precision on Discrete Chaotic Map Based on a Feedback Shift Register. Complexity, 2020, 2020, 1-12.	0.9	3

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19	A Color Image Encryption Scheme Based on a Novel 3D Chaotic Mapping. Complexity, 2020, 2020, 1-20.	0.9	11
20	Theoretical design of controlled digitized chaotic systems with periodic orbit of upper limit length in digital circuit. Nonlinear Dynamics, 2019, 98, 257-268.	2.7	10
21	A Class of Quadratic Polynomial Chaotic Maps and Their Fixed Points Analysis. Entropy, 2019, 21, 658.	1.1	12
22	Research about the Characteristics of Chaotic Systems Based on Multi-Scale Entropy. Entropy, 2019, 21, 663.	1.1	8
23	A New Lightweight Stream Cipher Based on Chaos. Symmetry, 2019, 11, 853.	1.1	31
24	Image Encryption Scheme with Compressed Sensing Based on New Three-Dimensional Chaotic System. Entropy, 2019, 21, 819.	1.1	41
25	A Novel Algorithm for Detection and Localization of Periodic Phenomena of Chaotic Binary Sequences. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950087.	0.7	2
26	A New Matrix Projective Synchronization and Its Application in Secure Communication. IEEE Access, 2019, 7, 112977-112984.	2.6	12
27	Counteracting the Dynamical Degradation of Digital Chaos by Applying Stochastic Jump of Chaotic Orbits. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1930023.	0.7	18
28	Analysing the dynamics of digital chaotic maps via a new period search algorithm. Nonlinear Dynamics, 2019, 97, 831-841.	2.7	19
29	Effects of Limited Computational Precision on the Discrete Chaotic Sequences and the Design of Related Solutions. Complexity, 2019, 2019, 1-10.	0.9	9
30	Low-Element Image Restoration Based on an Out-of-Order Elimination Algorithm. Entropy, 2019, 21, 1192.	1.1	3
31	A New 3D Discrete Hyperchaotic System and Its Application in Secure Transmission. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950206.	0.7	13
32	Construction Method and Performance Analysis of Chaotic S-Box Based on Fireworks Algorithm. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950158.	0.7	10
33	Constructing Digitized Chaotic Time Series with a Guaranteed Enhanced Period. Complexity, 2019, 2019, 1-10.	0.9	2
34	A novel wireless visual sensor network protocol based on LoRa modulation. International Journal of Distributed Sensor Networks, 2018, 14, 155014771876598.	1.3	12
35	Dynamic Rounds Chaotic Block Cipher Based on Keyword Abstract Extraction. Entropy, 2018, 20, 693.	1.1	12
36	A multidimensional discrete digital chaotic encryption system. International Journal of Distributed Sensor Networks, 2018, 14, 155014771880278.	1.3	2

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37	Analysis of the Time Series Generated by a New High-Dimensional Discrete Chaotic System. Complexity, 2018, 2018, 1-11.	0.9	7
38	A Novel Algorithm to Improve Digital Chaotic Sequence Complexity through CCEMD and PE. Entropy, 2018, 20, 295.	1.1	7
39	A New Two-Dimensional Map with Hidden Attractors. Entropy, 2018, 20, 322.	1.1	39
40	A Novel Image Encryption Scheme Based on Self-Synchronous Chaotic Stream Cipher and Wavelet Transform. Entropy, 2018, 20, 445.	1.1	17
41	Constructing Discrete Chaotic Systems with Positive Lyapunov Exponents. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850084.	0.7	38
42	A Lightweight Authentication and Key Management Scheme for Wireless Sensor Networks. Journal of Sensors, 2016, 2016, 1-9.	0.6	9
43	Calibration method of sensor location error in direction of arrival estimation for wideband signals. , 2016, , .		1
44	DESIGNING NETWORK ENCRYPTION MACHINE BASED ON HENON CHAOTIC KEY ALGORITHM. Journal of Applied Analysis and Computation, 2016, 6, 1126-1134.	0.2	1
45	Research on QPSK Carrier Synchronization Algorithm Based on Software Defined Radio. , 2015, , .		2
46	Discrete Design of Lorenz Chaotic System Based on Euler Method and Image Encryption. , 2015, , .		1
47	A New Multi-spectral Image Fusion Algorithm Based on Compressive Sensing. , 2015, , .		0
48	Digital Encryption Method Based on Lorenz Continuous Chaotic System. , 2015, , .		3
49	The Design of the Mobile Phone Module Information Encryption System Based on FPGA. , 2015, , .		0
50	An Improved AES Encryption Algorithm Based on Chaos Theory in Wireless Communication Networks. , 2015, , .		9
51	Multifocus image fusion based on Uniform Discrete Curvelet Transform. , 2015, , .		1
52	Different Random Distributions Research on Logistic-Based Sample Assumption. Mathematical Problems in Engineering, 2014, 2014, 1-9.	0.6	0
53	FPGA Design and Applicable Analysis of Discrete Chaotic Maps. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450054.	0.7	20
54	The research and design of embed RSA encryption algorithm network encryption card driver. , 2013, , .		1

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55	Key generation research of RSA public cryptosystem and Matlab implement. , 2013, , .		7
56	Hardware design and implementation of Wi-Fi technology based encryption system. , 2013, , .		1
57	Random process representations of chaos. , 2013, , .		0
58	Two-Stage Verification Based on Watermarking for Electronic Passport. , 2013, , .		0
59	Image Encryption System of New Chaotic Algorithm based on DSP. , 2012, , .		0
60	Simulation Experiment Research on the Chaotic Characteristics of the Simple Unary Polynomial Transformation. , 2012, , .		0
61	The Research of I/O Read and Write Mode Based on Network Data Encryption Card. , 2012, , .		1
62	Overview of the Block Cipher. , 2012, , .		15
63	Similar-short Periodicity Analysis and Application in Image Compression Encryption of Digital Chaos. , 2012, , .		3
64	The Research of Chaos-based SMS Encryption in Mobile Phone. , 2012, , .		3
65	A NEW IMPROVED SCHEME OF CHAOTIC MASKING SECURE COMMUNICATION BASED ON LORENZ SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering. 2012, 22, 1250125.	0.7	24
66	Realization of Image Encryption Scheme Based on Chaotic Binary Sequence. , 2011, , .		0
67	Array Manifold Calibration in Shipborne Radar. , 2011, , .		0
68	Some Researches for Lorenz-Based Secure Communication in Time and Frequency Domains. , 2011, , .		1
69	Generation and Realization of Digital Chaotic Key Sequence Based on K-L Transform. , 2011, , .		2
70	Design of (15, 11) Hamming Code Encoding and Decoding System Based on FPGA. , 2011, , .		8
71	Design and Hardware Implementation of FPGA & Chaotic Encryption-based Wireless Transmission System. , 2011, , .		3
72	The Implementation of FPGA-based RSA Public-key Algorithm and its Application in Mobile-phone SMS Encryption System. , 2011, , .		10

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73	The Research of DLL Used in DS Spread Spectrum Communication System. , 2011, , .		0
74	The Research of Code Synchronization of Spread Spectrum Communication System Based on FPGA. , 2011, , .		1
75	A Method for Rapid Preliminary Recognizing Chaotic Waveforms. , 2011, , .		0
76	Face recognition based on wavelet-curvelet-fractal technique. Journal of Electronics, 2010, 27, 206-211.	0.2	2
77	The Research of Optimization Parameter Based on Lorenz Chaotic Masking Secure Communication. , 2010, , .		4
78	The Optimization Scheme of Chaotic Masking Secure Communication Based on Lorenz System. , 2010, , .		2
79	The Bifurcation Analysis of Digital Chaos Circuit and Its Application. , 2010, , .		0
80	The Key Exchange Research of Chaotic Encryption Chip Based on Elliptic Curve Cryptography Algorithm. , 2009, , .		0
81	Communication Signal Processing at Low SNR Using Higher-Order Spectrum. , 2008, , .		1
82	Deconvolution in transform-domain for image data restoration. Journal of Electronics, 2005, 22, 312-314.	0.2	0