

Congxu Zhu

List of Publications by Year in descending order

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37
papers

2,290
citations

331670

21
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	A fast image encryption algorithm based on chaotic map. Optics and Lasers in Engineering, 2016, 84, 26-36.	3.8	376
2	A novel image encryption scheme based on improved hyperchaotic sequences. Optics Communications, 2012, 285, 29-37.	2.1	349
3	A fast image encryption algorithm based on compressive sensing and hyperchaotic map. Optics and Lasers in Engineering, 2019, 121, 203-214.	3.8	199
4	An Efficient Image Encryption Scheme Based on the LSS Chaotic Map and Single S-Box. IEEE Access, 2020, 8, 25664-25678.	4.2	179
5	Cryptanalyzing and Improving a Novel Color Image Encryption Algorithm Using RT-Enhanced Chaotic Tent Maps. IEEE Access, 2018, 6, 18759-18770.	4.2	133
6	An effective image encryption algorithm based on compressive sensing and 2D-SLIM. Optics and Lasers in Engineering, 2020, 134, 106178.	3.8	104
7	A Secure and Fast Image Encryption Scheme based on Double Chaotic S-Boxes. Entropy, 2019, 21, 790.	2.2	87
8	A New Image Encryption Algorithm Based on Chaos and Secure Hash SHA-256. Entropy, 2018, 20, 716.	2.2	85
9	Cryptanalysis and Improvement on an Image Encryption Algorithm Design Using a Novel Chaos Based S-Box. Symmetry, 2018, 10, 399.	2.2	70
10	Improved Cryptanalysis and Enhancements of an Image Encryption Scheme Using Combined 1D Chaotic Maps. Entropy, 2018, 20, 843.	2.2	61
11	A Novel S-Box Design Algorithm Based on a New Compound Chaotic System. Entropy, 2019, 21, 1004.	2.2	59
12	A Novel Image Compression-Encryption Scheme Based on Chaos and Compression Sensing. IEEE Access, 2018, 6, 67095-67107.	4.2	55
13	Plaintext-Related Image Encryption Algorithm Based on Block Structure and Five-Dimensional Chaotic Map. IEEE Access, 2019, 7, 147106-147118.	4.2	53
14	Secure Image Encryption Algorithm Based on Hyperchaos and Dynamic DNA Coding. Entropy, 2020, 22, 772.	2.2	52
15	Hyperchaos and hyperchaos control of the sinusoidally forced simplified Lorenz system. Nonlinear Dynamics, 2012, 69, 1383-1391.	5.2	51
16	A new image compression-encryption scheme based on compressive sensing and cyclic shift. Multimedia Tools and Applications, 2019, 78, 20855-20875.	3.9	43
17	Breaking a novel image encryption scheme based on Brownian motion and PWLCM chaotic system. Nonlinear Dynamics, 2015, 79, 1511-1518.	5.2	42
18	Breaking and improving an image encryption scheme based on total shuffling scheme. Nonlinear Dynamics, 2013, 71, 25-34.	5.2	35

#	ARTICLE	IF	CITATIONS
19	A secure and robust image encryption algorithm based on compressive sensing and DNA coding. <i>Multimedia Tools and Applications</i> , 2022, 81, 15977-15996.	3.9	26
20	QoS-Aware and Load-Balance Routing for IEEE 802.11s Based Neighborhood Area Network in Smart Grid. <i>Wireless Personal Communications</i> , 2016, 89, 1065-1088.	2.7	24
21	Image encryption algorithm with an avalanche effect based on a six-dimensional discrete chaotic system. <i>Multimedia Tools and Applications</i> , 2018, 77, 29119-29142.	3.9	24
22	A visually secure asymmetric image encryption scheme based on RSA algorithm and hyperchaotic map. <i>Physica Scripta</i> , 2020, 95, 035223.	2.5	23
23	A Class of Quadratic Polynomial Chaotic Maps and its Application in Cryptography. <i>IEEE Access</i> , 2019, 7, 34141-34152.	4.2	22
24	An Improved Piecewise Linear Chaotic Map Based Image Encryption Algorithm. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	21
25	Security Analysis and Improvement of an Image Encryption Cryptosystem Based on Bit Plane Extraction and Multi Chaos. <i>Entropy</i> , 2021, 23, 505.	2.2	17
26	A New One-Dimensional Compound Chaotic System and Its Application in High-Speed Image Encryption. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11206.	2.5	17
27	Symmetric Image Encryption Algorithm Based on a New Product Trigonometric Chaotic Map. <i>Symmetry</i> , 2022, 14, 373.	2.2	17
28	A Novel Image Encryption Algorithm Based on the Delayed Maps and Permutation-Confusion-Diffusion Architecture. <i>Security and Communication Networks</i> , 2021, 2021, 1-16.	1.5	14
29	A secure image encryption scheme with compression-confusion-diffusion structure. <i>Multimedia Tools and Applications</i> , 2020, 79, 31957-31980.	3.9	13
30	A New Conservative Hyperchaotic System-Based Image Symmetric Encryption Scheme with DNA Coding. <i>Symmetry</i> , 2021, 13, 2317.	2.2	11
31	Online Regularized and Kernelized Extreme Learning Machines with Forgetting Mechanism. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-11.	1.1	10
32	Pseudo-random Number Sequence Generator Based on Chaotic Logistic-Tent System. , 2019, , .		6
33	A Novel Image Encryption Algorithm Based on Hyperchaotic System and Shuffling Scheme. , 2013, , .		5
34	An Efficient Chosen-Plaintext Attack on an Image Fusion Encryption Algorithm Based on DNA Operation and Hyperchaos. <i>Entropy</i> , 2021, 23, 804.	2.2	5
35	Chaos and Bifurcations of the Fractional-order Unified System. , 2010, , .		2
36	Image Dual Watermark Algorithm Based on Lifting Wavelet and Liu Chaotic System. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
37	Projective Synchronization between the Fractional-Order Simplified Lorenz Chaotic Systems. , 2011, , .		0