

# 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	Symmetric Image Encryption Algorithm Based on a New Product Trigonometric Chaotic Map. <i>Symmetry</i> , 2022, 14, 373.	2.2	17
2	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
3	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
4	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
5	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
6	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
7	A New Conservative Hyperchaotic System-Based Image Symmetric Encryption Scheme with DNA Coding. <i>Symmetry</i> , 2021, 13, 2317.	2.2	11
8	A visually secure asymmetric image encryption scheme based on RSA algorithm and hyperchaotic map. <i>Physica Scripta</i> , 2020, 95, 035223.	2.5	23
9	Secure Image Encryption Algorithm Based on Hyperchaos and Dynamic DNA Coding. <i>Entropy</i> , 2020, 22, 772.	2.2	52
10	A secure image encryption scheme with compression-confusion-diffusion structure. <i>Multimedia Tools and Applications</i> , 2020, 79, 31957-31980.	3.9	13
11	An effective image encryption algorithm based on compressive sensing and 2D-SLIM. <i>Optics and Lasers in Engineering</i> , 2020, 134, 106178.	3.8	104
12	An Efficient Image Encryption Scheme Based on the LSS Chaotic Map and Single S-Box. <i>IEEE Access</i> , 2020, 8, 25664-25678.	4.2	179
13	A Novel S-Box Design Algorithm Based on a New Compound Chaotic System. <i>Entropy</i> , 2019, 21, 1004.	2.2	59
14	Plaintext-Related Image Encryption Algorithm Based on Block Structure and Five-Dimensional Chaotic Map. <i>IEEE Access</i> , 2019, 7, 147106-147118.	4.2	53
15	A Secure and Fast Image Encryption Scheme based on Double Chaotic S-Boxes. <i>Entropy</i> , 2019, 21, 790.	2.2	87
16	A fast image encryption algorithm based on compressive sensing and hyperchaotic map. <i>Optics and Lasers in Engineering</i> , 2019, 121, 203-214.	3.8	199
17	A new image compression-encryption scheme based on compressive sensing and cyclic shift. <i>Multimedia Tools and Applications</i> , 2019, 78, 20855-20875.	3.9	43
18	A Class of Quadratic Polynomial Chaotic Maps and its Application in Cryptography. <i>IEEE Access</i> , 2019, 7, 34141-34152.	4.2	22

#	ARTICLE	IF	CITATIONS
19	Pseudo-random Number Sequence Generator Based on Chaotic Logistic-Tent System. , 2019, , .		6
20	Cryptanalyzing and Improving a Novel Color Image Encryption Algorithm Using RT-Enhanced Chaotic Tent Maps. IEEE Access, 2018, 6, 18759-18770.	4.2	133
21	Improved Cryptanalysis and Enhancements of an Image Encryption Scheme Using Combined 1D Chaotic Maps. Entropy, 2018, 20, 843.	2.2	61
22	A New Image Encryption Algorithm Based on Chaos and Secure Hash SHA-256. Entropy, 2018, 20, 716.	2.2	85
23	Cryptanalysis and Improvement on an Image Encryption Algorithm Design Using a Novel Chaos Based S-Box. Symmetry, 2018, 10, 399.	2.2	70
24	A Novel Image Compression-Encryption Scheme Based on Chaos and Compression Sensing. IEEE Access, 2018, 6, 67095-67107.	4.2	55
25	Image encryption algorithm with an avalanche effect based on a six-dimensional discrete chaotic system. Multimedia Tools and Applications, 2018, 77, 29119-29142.	3.9	24
26	A fast image encryption algorithm based on chaotic map. Optics and Lasers in Engineering, 2016, 84, 26-36.	3.8	376
27	QoS-Aware and Load-Balance Routing for IEEE 802.11s Based Neighborhood Area Network in Smart Grid. Wireless Personal Communications, 2016, 89, 1065-1088.	2.7	24
28	Breaking a novel image encryption scheme based on Brownian motion and PWLCM chaotic system. Nonlinear Dynamics, 2015, 79, 1511-1518.	5.2	42
29	An Improved Piecewise Linear Chaotic Map Based Image Encryption Algorithm. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	21
30	Online Regularized and Kernelized Extreme Learning Machines with Forgetting Mechanism. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	10
31	A Novel Image Encryption Algorithm Based on Hyperchaotic System and Shuffling Scheme. , 2013, , .		5
32	Breaking and improving an image encryption scheme based on total shuffling scheme. Nonlinear Dynamics, 2013, 71, 25-34.	5.2	35
33	Hyperchaos and hyperchaos control of the sinusoidally forced simplified Lorenz system. Nonlinear Dynamics, 2012, 69, 1383-1391.	5.2	51
34	A novel image encryption scheme based on improved hyperchaotic sequences. Optics Communications, 2012, 285, 29-37.	2.1	349
35	Projective Synchronization between the Fractional-Order Simplified Lorenz Chaotic Systems. , 2011, , .		0
36	Chaos and Bifurcations of the Fractional-order Unified System. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
37	Image Dual Watermark Algorithm Based on Lifting Wavelet and Liu Chaotic System. , 2006, , .		0