

# Chengqing Li

## List of Publications by Year in descending order

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64  
papers

4,127  
citations

117625

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133252

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g-index

65  
all docs

65  
docs citations

65  
times ranked

1847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition-Oriented Image Compressive Sensing With Deep Learning. IEEE Transactions on Multimedia, 2023, 25, 2022-2032.	7.2	17
2	Cryptanalyzing Two Image Encryption Algorithms Based on a First-Order Time-Delay System. IEEE MultiMedia, 2022, 29, 74-84.	1.7	38
3	The Graph Structure of the Generalized Discrete Arnold's Cat Map. IEEE Transactions on Computers, 2022, 71, 364-377.	3.4	45
4	A Driving Behavior Risk Classification Framework via the Unbalanced Time Series Samples. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	7
5	Security measurement of a medical communication scheme based on chaos and DNA coding. Journal of Visual Communication and Image Representation, 2022, 83, 103424.	2.8	49
6	Multi-Channel Deep Networks for Block-Based Image Compressive Sensing. IEEE Transactions on Multimedia, 2021, 23, 2627-2640.	7.2	63
7	Network Analysis of Chebyshev Polynomial in a Fixed-precision Digital Domain. , 2021, , .		1
8	Cryptanalysis of an image block encryption algorithm based on chaotic maps. Journal of Information Security and Applications, 2020, 54, 102566.	2.5	36
9	Global multistability and analog circuit implementation of an adapting synapse-based neuron model. Nonlinear Dynamics, 2020, 101, 1105-1118.	5.2	33
10	When an attacker meets a cipher-image in 2018: A year in review. Journal of Information Security and Applications, 2019, 48, 102361.	2.5	133
11	Network Analysis of Chaotic Dynamics in Fixed-Precision Digital Domain. , 2019, , .		2
12	Generating Multi-Scroll Chua's Attractors via Simplified Piecewise-Linear Chua's Diode. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4767-4779.	5.4	127
13	Dynamic Analysis of Digital Chaotic Maps via State-Mapping Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 2322-2335.	5.4	180
14	Designing Hyperchaotic Cat Maps With Any Desired Number of Positive Lyapunov Exponents. IEEE Transactions on Cybernetics, 2018, 48, 463-473.	9.5	45
15	Cryptanalysis of a Chaotic Image Encryption Algorithm Based on Information Entropy. IEEE Access, 2018, 6, 75834-75842.	4.2	199
16	Cryptanalyzing an Image Encryption Algorithm Based on Autoblocking and Electrocardiography. IEEE MultiMedia, 2018, 25, 46-56.	1.7	214
17	Design and ARM-Embedded implementation of a chaotic map-based multicast scheme for multiuser speech wireless communication. International Journal of Circuit Theory and Applications, 2017, 45, 1849-1872.	2.0	20
18	On the Network Analysis of the State Space of Discrete Dynamical Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750062.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Cryptanalyzing an Image-Scrambling Encryption Algorithm of Pixel Bits. IEEE MultiMedia, 2017, 24, 64-71.	1.7	188
20	On the cryptanalysis of Fridrich's chaotic image encryption scheme. Signal Processing, 2017, 132, 150-154.	3.7	233
21	Theoretical Design and FPGA-Based Implementation of Higher-Dimensional Digital Chaotic Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 401-412.	5.4	190
22	Design and Smartphone-Based Implementation of a Chaotic Video Communication Scheme via WAN Remote Transmission. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650158.	1.7	21
23	ARM-embedded implementation of a video chaotic secure communication via WAN remote transmission with desirable security and frame rate. Nonlinear Dynamics, 2016, 86, 725-740.	5.2	24
24	Chaotic image encryption using pseudo-random masks and pixel mapping. Signal Processing, 2016, 125, 48-63.	3.7	55
25	Cracking a hierarchical chaotic image encryption algorithm based on permutation. Signal Processing, 2016, 118, 203-210.	3.7	153
26	No-Reference Video Quality Assessment Based on Artifact Measurement and Statistical Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 533-546.	8.3	60
27	Deciphering an Image Cipher Based on Mixed Transformed Logistic Maps. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550188.	1.7	29
28	Cryptanalyzing image encryption using chaotic logistic map. Nonlinear Dynamics, 2014, 78, 1545-1551.	5.2	110
29	Cryptanalyzing a class of image encryption schemes based on Chinese remainder theorem. Signal Processing: Image Communication, 2014, 29, 914-920.	3.2	34
30	Efficient arbitrated quantum signature and its proof of security. Quantum Information Processing, 2013, 12, 2427-2439.	2.2	16
31	Breaking a novel image encryption scheme based on improved hyperchaotic sequences. Nonlinear Dynamics, 2013, 73, 2083-2089.	5.2	134
32	On the security of arbitrated quantum signature schemes. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 015307.	2.1	16
33	BREAKING A CHAOTIC IMAGE ENCRYPTION ALGORITHM BASED ON MODULO ADDITION AND XOR OPERATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350075.	1.7	44
34	Breaking a novel colour image encryption algorithm based on chaos. Nonlinear Dynamics, 2012, 70, 2383-2388.	5.2	102
35	Breaking a chaotic image encryption algorithm based on perceptron model. Nonlinear Dynamics, 2012, 69, 1091-1096.	5.2	86
36	On the impossibility of non-static quantum bit commitment between two parties. Quantum Information Processing, 2012, 11, 519-527.	2.2	9

#	ARTICLE	IF	CITATIONS
37	Cryptanalyzing a chaos-based image encryption algorithm using alternate structure. Journal of Systems and Software, 2012, 85, 2077-2085.	4.5	56
38	Breaking a modified substitutionâ€“diffusion image cipher based on chaotic standard and logistic maps. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 837-843.	3.3	95
39	Optimal quantitative cryptanalysis of permutation-only multimedia ciphers against plaintext attacks. Signal Processing, 2011, 91, 949-954.	3.7	193
40	On the security of a secure Lempel-Ziv-Welch (LZW) algorithm. , 2011, , .		0
41	BREAKING AN IMAGE ENCRYPTION ALGORITHM BASED ON CHAOS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2067-2076.	1.7	18
42	A differential cryptanalysis of Yenâ€“Chenâ€“Wu multimedia cryptography system. Journal of Systems and Software, 2010, 83, 1443-1452.	4.5	9
43	BREAKING A CHAOTIC CRYPTOGRAPHIC SCHEME BASED ON COMPOSITION MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2561-2568.	1.7	40
44	Cryptanalysis of an Image Encryption Scheme Using Cellular Automata Substitution and SCAN. Lecture Notes in Computer Science, 2010, , 601-610.	1.3	7
45	CRYPTANALYSIS OF A NEW CHAOTIC CRYPTOSYSTEM BASED ON ERGODICITY. International Journal of Modern Physics B, 2009, 23, 651-659.	2.0	21
46	Cryptanalysis of a computer cryptography scheme based on a filter bank. Chaos, Solitons and Fractals, 2009, 41, 410-413.	5.1	15
47	Cryptanalysis of an image encryption scheme based on a new total shuffling algorithm. Chaos, Solitons and Fractals, 2009, 41, 2613-2616.	5.1	83
48	Cryptanalysis of an image encryption scheme based on a compound chaotic sequence. Image and Vision Computing, 2009, 27, 1035-1039.	4.5	111
49	On the security defects of an image encryption scheme. Image and Vision Computing, 2009, 27, 1371-1381.	4.5	150
50	Cryptanalysis of a discrete-time synchronous chaotic encryption system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1034-1039.	2.1	28
51	Cryptanalysis of the RCES/RSES image encryption scheme. Journal of Systems and Software, 2008, 81, 1130-1143.	4.5	53
52	A general quantitative cryptanalysis of permutation-only multimedia ciphers against plaintext attacks. Signal Processing: Image Communication, 2008, 23, 212-223.	3.2	206
53	Cryptanalysis of a chaotic block cipher with external key and its improved version. Chaos, Solitons and Fractals, 2008, 37, 299-307.	5.1	40
54	Cryptanalyzing an Encryption Scheme Based on Blind Source Separation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 1055-1063.	5.4	34

#	ARTICLE	IF	CITATIONS
55	Cryptanalysis of an Image Scrambling Scheme Without Bandwidth Expansion. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 338-349.	8.3	40
56	On the security of a class of image encryption schemes. , 2008, , .		19
57	Cryptanalysis of two chaotic encryption schemes based on circular bit shift and XOR operations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 23-30.	2.1	75
58	On the security of the Yenâ€™Guoâ€™s domino signal encryption algorithm (DSEA). Journal of Systems and Software, 2006, 79, 253-258.	4.5	14
59	Cryptanalysis of a data security protection scheme for VoIP. IET Computer Vision, 2006, 153, 1.	1.3	22
60	Cryptanalysis of an image encryption scheme. Journal of Electronic Imaging, 2006, 15, 043012.	0.9	14
61	Cryptanalysis of a New Signal Security System for Multimedia Data Transmission. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	36
62	Chosen-Plaintext Cryptanalysis of a Clipped-Neural-Network-Based Chaotic Cipher. Lecture Notes in Computer Science, 2005, , 630-636.	1.3	8
63	Cryptanalysis of a Chaotic Neural Network Based Multimedia Encryption Scheme. Lecture Notes in Computer Science, 2004, , 418-425.	1.3	21
64	Cryptanalysis of a Multistage Encryption System. , 0, , .		3