

Hongjun Liu

List of Publications by Year in descending order

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37
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Image encryption using DNA complementary rule and chaotic maps. Applied Soft Computing Journal, 2012, 12, 1457-1466.	4.1	543
2	Color image encryption using spatial bit-level permutation and high-dimension chaotic system. Optics Communications, 2011, 284, 3895-3903.	1.0	506
3	Color image encryption based on one-time keys and robust chaotic maps. Computers and Mathematics With Applications, 2010, 59, 3320-3327.	1.4	469
4	Asymmetric color image encryption scheme using 2D discrete-time map. Signal Processing, 2015, 113, 104-112.	2.1	151
5	Chaos-based fast colour image encryption scheme with true random number keys from environmental noise. IET Image Processing, 2017, 11, 324-332.	1.4	99
6	Chaos-based color image block encryption scheme using S-box. AEU - International Journal of Electronics and Communications, 2014, 68, 676-686.	1.7	95
7	A new image encryption algorithm based on chaos. Optics Communications, 2012, 285, 562-566.	1.0	88
8	Color image encryption using Choquet fuzzy integral and hyper chaotic system. Optik, 2013, 124, 3527-3533.	1.4	84
9	Audio encryption scheme by confusion and diffusion based on multi-scroll chaotic system and one-time keys. Optik, 2016, 127, 7431-7438.	1.4	73
10	Image encryption using complex hyper chaotic system by injecting impulse into parameters. Applied Mathematics and Computation, 2019, 360, 83-93.	1.4	72
11	A fast color image encryption scheme using one-time S-Boxes based on complex chaotic system and random noise. Optics Communications, 2015, 338, 340-347.	1.0	69
12	Triple-image encryption scheme based on one-time key stream generated by chaos and plain images. Journal of Systems and Software, 2013, 86, 826-834.	3.3	62
13	Cryptanalysis and constructing S-Box based on chaotic map and backtracking. Applied Mathematics and Computation, 2020, 376, 125153.	1.4	62
14	Construction of a new 2D Chebyshev-Sine map and its application to color image encryption. Multimedia Tools and Applications, 2019, 78, 15997-16010.	2.6	60
15	Color Image Encryption with Cipher Feedback and Coupling Chaotic Map. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050173.	0.7	58
16	Color pathological image encryption algorithm using arithmetic over Galois field and coupled hyper chaotic system. Optics and Lasers in Engineering, 2019, 122, 123-133.	2.0	57
17	Constructing dynamic strong S-Box using 3D chaotic map and application to image encryption. Multimedia Tools and Applications, 2023, 82, 23899-23914.	2.6	51
18	Asynchronous anti-noise hyper chaotic secure communication system based on dynamic delay and state variables switching. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2828-2835.	0.9	43

#	ARTICLE	IF	CITATIONS
19	Chaos based adaptive double-image encryption scheme using hash function and S-boxes. <i>Multimedia Tools and Applications</i> , 2018, 77, 1391-1407.	2.6	41
20	A novel data hiding method based on deoxyribonucleic acid coding. <i>Computers and Electrical Engineering</i> , 2013, 39, 1164-1173.	3.0	33
21	Constructing Keyed Strong S-Box Using an Enhanced Quadratic Map. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150146.	0.7	33
22	Keyed Hash Function Using Hyper Chaotic System With Time-Varying Parameters Perturbation. <i>IEEE Access</i> , 2019, 7, 37211-37219.	2.6	32
23	Asymmetric color pathological image encryption scheme based on complex hyper chaotic system. <i>Optik</i> , 2016, 127, 5812-5819.	1.4	30
24	Constructing chaos-based hash function via parallel impulse perturbation. <i>Soft Computing</i> , 2021, 25, 11077-11086.	2.1	26
25	Chaos-based image hybrid encryption algorithm using key stretching and hash feedback. <i>Optik</i> , 2020, 216, 164925.	1.4	20
26	Chaos-based Color Image Encryption Using One-time Keys and Choquet Fuzzy Integral. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2014, 15, 1-10.	0.4	19
27	Constructing a 3D Exponential Hyperchaotic Map with Application to PRNG. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	0.7	19
28	Construction of a Nondegenerate 2D Chaotic Map with Application to Irreversible Parallel Key Expansion Algorithm. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022, 32, .	0.7	18
29	Chaos-based color pathological image encryption scheme using one-time keys. <i>Computers in Biology and Medicine</i> , 2014, 45, 111-117.	3.9	17
30	Dynamic Analysis of a One-Parameter Chaotic System in Complex Field. <i>IEEE Access</i> , 2020, 8, 28774-28781.	2.6	16
31	Hiding message into DNA sequence through DNA coding and chaotic maps. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 741-747.	1.6	14
32	Anticontrol of a Fractional-Order Chaotic System and Its Application in Color Image Encryption. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	0.6	12
33	Wavelet-Based Color Pathological Image Watermark through Dynamically Adjusting the Embedding Intensity. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-10.	0.7	10
34	Color pathological image encryption scheme with S-boxes generated by complex chaotic system and environmental noise. <i>Neural Computing and Applications</i> , 2016, 27, 687-697.	3.2	9
35	Constructing Keyed Hash Algorithm Using Enhanced Chaotic Map with Varying Parameter. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-10.	0.6	7
36	Design an irreversible key expansion algorithm based on 4D memristor chaotic system. <i>European Physical Journal: Special Topics</i> , 2022, 231, 3265-3273.	1.2	5

#	ARTICLE	IF	CITATIONS
37	Synchronization of Coupled Boolean Networks With Different Update Scheme. IEEE Access, 2020, 8, 79319-79324.	2.6	4