

Xiu-Li Chai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/348348/publications.pdf>

Version: 2024-02-01

43
papers

3,422
citations

218592

26
h-index

289141

40
g-index

43
all docs

43
docs citations

43
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	Depth Enhanced Cross-Modal Cascaded Network for RGB-D Salient Object Detection. Neural Processing Letters, 2023, 55, 361-384.	2.0	5
2	TPE-ISE: approximate thumbnail preserving encryption based on multilevel DWT information self-embedding. Applied Intelligence, 2023, 53, 4027-4046.	3.3	4
3	Global contextual guided residual attention network for salient object detection. Applied Intelligence, 2022, 52, 6208-6226.	3.3	10
4	A robust compressed sensing image encryption algorithm based on GAN and CNN. Journal of Modern Optics, 2022, 69, 103-120.	0.6	16
5	Content-adaptive image compression and encryption via optimized compressive sensing with double random phase encoding driven by chaos. Complex & Intelligent Systems, 2022, 8, 2291-2309.	4.0	13
6	Dual-path Processing Network for High-resolution Salient Object Detection. Applied Intelligence, 2022, 52, 12034-12048.	3.3	4
7	TPE-GAN: Thumbnail Preserving Encryption Based on GAN With Key. IEEE Signal Processing Letters, 2022, 29, 972-976.	2.1	54
8	Efficient capacity-distortion reversible data hiding based on combining multipeak embedding with local complexity. Applied Intelligence, 2022, 52, 13006-13026.	3.3	5
9	An image encryption scheme based on multi-objective optimization and block compressed sensing. Nonlinear Dynamics, 2022, 108, 2671-2704.	2.7	81
10	Cloud-decryption-assisted image compression and encryption based on compressed sensing. Multimedia Tools and Applications, 2022, 81, 17401-17436.	2.6	8
11	Preserving privacy while revealing thumbnail for content-based encrypted image retrieval in the cloud. Information Sciences, 2022, 604, 115-141.	4.0	35
12	An efficient approach for encrypting double color images into a visually meaningful cipher image using 2D compressive sensing. Information Sciences, 2021, 556, 305-340.	4.0	122
13	Chaos-based image encryption strategy based on random number embedding and DNA-level self-adaptive permutation and diffusion. Multimedia Tools and Applications, 2021, 80, 16087-16122.	2.6	27
14	Exploiting preprocessing-permutation“diffusion strategy for secure image cipher based on 3D Latin cube and memristive hyperchaotic system. Neural Computing and Applications, 2021, 33, 10371-10402.	3.2	14
15	Exploiting 2D compressed sensing and information entropy for secure color image compression and encryption. Neural Computing and Applications, 2021, 33, 12845-12867.	3.2	26
16	Combining improved genetic algorithm and matrix semi-tensor product (STP) in color image encryption. Signal Processing, 2021, 183, 108041.	2.1	76
17	Image cipher using image filtering with 3D DNA-based confusion and diffusion strategy. Neural Computing and Applications, 2021, 33, 16251-16277.	3.2	5
18	SWDGAN: GAN-based sampling and whole image denoising network for compressed sensing image reconstruction. Journal of Electronic Imaging, 2021, 30, .	0.5	5

#	ARTICLE	IF	CITATIONS
19	An efficient chaos-based image compression and encryption scheme using block compressive sensing and elementary cellular automata. <i>Neural Computing and Applications</i> , 2020, 32, 4961-4988.	3.2	78
20	Exploiting plaintext-related mechanism for secure color image encryption. <i>Neural Computing and Applications</i> , 2020, 32, 8065-8088.	3.2	40
21	An image encryption algorithm based on 3-D DNA level permutation and substitution scheme. <i>Multimedia Tools and Applications</i> , 2020, 79, 7227-7258.	2.6	37
22	An effective image compression& encryption scheme based on compressive sensing (CS) and game of life (GOL). <i>Neural Computing and Applications</i> , 2020, 32, 14113-14141.	3.2	53
23	Hiding cipher-images generated by 2-D compressive sensing with a multi-embedding strategy. <i>Signal Processing</i> , 2020, 171, 107525.	2.1	66
24	A chaotic image encryption algorithm based on 3-D bit-plane permutation. <i>Neural Computing and Applications</i> , 2019, 31, 7111-7130.	3.2	151
25	Medical image encryption algorithm based on Latin square and memristive chaotic system. <i>Multimedia Tools and Applications</i> , 2019, 78, 35419-35453.	2.6	84
26	A color image cryptosystem based on dynamic DNA encryption and chaos. <i>Signal Processing</i> , 2019, 155, 44-62.	2.1	426
27	Function Projective Lag Synchronization of Chaotic Systems with Certain Parameters via Adaptive-Impulsive Control. <i>International Journal of Automation and Computing</i> , 2019, 16, 238-247.	4.5	6
28	A novel image encryption scheme based on DNA sequence operations and chaotic systems. <i>Neural Computing and Applications</i> , 2019, 31, 219-237.	3.2	216
29	An image encryption algorithm based on chaotic system and compressive sensing. <i>Signal Processing</i> , 2018, 148, 124-144.	2.1	292
30	A novel image encryption algorithm based on LFT based S-boxes and chaos. <i>Multimedia Tools and Applications</i> , 2018, 77, 8759-8783.	2.6	37
31	A double color image encryption scheme based on three-dimensional brownian motion. <i>Multimedia Tools and Applications</i> , 2018, 77, 27919-27953.	2.6	52
32	An image encryption algorithm based on bit level Brownian motion and new chaotic systems. <i>Multimedia Tools and Applications</i> , 2017, 76, 1159-1175.	2.6	133
33	A new chaos-based image encryption algorithm with dynamic key selection mechanisms. <i>Multimedia Tools and Applications</i> , 2017, 76, 9907-9927.	2.6	79
34	An image encryption scheme based on three-dimensional Brownian motion and chaotic system. <i>Chinese Physics B</i> , 2017, 26, 020504.	0.7	38
35	A novel image encryption algorithm based on the chaotic system and DNA computing. <i>International Journal of Modern Physics C</i> , 2017, 28, 1750069.	0.8	56
36	A visually secure image encryption scheme based on compressive sensing. <i>Signal Processing</i> , 2017, 134, 35-51.	2.1	244

#	ARTICLE	IF	CITATIONS
37	An image encryption algorithm based on the memristive hyperchaotic system, cellular automata and DNA sequence operations. Signal Processing: Image Communication, 2017, 52, 6-19.	1.8	185
38	A novel chaos-based image encryption algorithm using DNA sequence operations. Optics and Lasers in Engineering, 2017, 88, 197-213.	2.0	495
39	A fast chaos-based image encryption scheme with a novel plain image-related swapping block permutation and block diffusion. Multimedia Tools and Applications, 2017, 76, 15561-15585.	2.6	78
40	A novel color image encryption algorithm based on genetic recombination and the four-dimensional memristive hyperchaotic system. Chinese Physics B, 2016, 25, 100503.	0.7	64
41	Adaptive generalized function lag projective synchronization and parameter identification of a class of chaotic systems with fully uncertain parameters and disturbance. , 2012, , .		0
42	Numerical simulation on magnetic flux leakage testing of the steel cable at different speed title. , 2011, , .		2
43	Design and characteristic analysis of giant magnetoimpedance sensor in Fe-based nanocrystalline ribbons. , 2011, , .		0