Hui Xu

List of Publications by Year
in descending order

11 papers	279 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	226 citing authors

#	Article	IF	Citations
1	An image encryption algorithm based on the perturbed high-dimensional chaotic map. Nonlinear Dynamics, 2015, 80, 1493-1508.	5.2	76
2	An efficient chaos pseudo-random number generator applied to video encryption. Optik, 2016, 127, 9305-9319.	2.9	60
3	Joint image encryption and compression scheme based on IWT and SPIHT. Optics and Lasers in Engineering, 2017, 90, 254-274.	3.8	38
4	Efficient high nonlinearity S-box generating algorithm based on third-order nonlinear digital filter. Chaos, Solitons and Fractals, 2021, 150, 111109.	5.1	22
5	Image compression and encryption algorithm based on compressive sensing and nonlinear diffusion. Multimedia Tools and Applications, 2021, 80, 25433.	3.9	21
6	Robust video encryption for H.264 compressed bitstream based on cross-coupled chaotic cipher. Multimedia Systems, 2020, 26, 363-381.	4.7	14
7	Image compression and encryption algorithm based on 2D compressive sensing and hyperchaotic system. Multimedia Systems, 2022, 28, 595-610.	4.7	14
8	Dynamic video encryption algorithm for H264/AVC based on a spatiotemporal chaos system. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1166.	1.5	10
9	A joint encryption and error correction scheme based on chaos and LDPC. Nonlinear Dynamics, 2018, 93, 1149-1163.	5.2	10
10	Multi-Image Compressionâ€"Encryption Algorithm Based on Compressed Sensing and Optical Encryption. Entropy, 2022, 24, 784.	2.2	8
11	Image lossless encoding and encryption method of EBCOT Tier1 based on 4D hyperchaos. Multimedia Systems, 2022, 28, 727-748.	4.7	6