Marcela Mejia-Carlos

List of Publications by Year
in descending order

13 papers	123 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	99 citing authors

#	Article	IF	Citations
1	Design of a strong S-box based on a matrix approach. Nonlinear Dynamics, 2018, 94, 2003-2012.	5.2	32
2	An improved visually meaningful encrypted image scheme. Optics and Laser Technology, 2020, 127, 106165.	4.6	30
3	Two-dimensional DFA scaling analysis applied to encrypted images. International Journal of Modern Physics C, 2015, 26, 1550093.	1.7	11
4	Object Detection in Aerial Navigation using Wavelet Transform and Convolutional Neural Networks: A First Approach. Programming and Computer Software, 2020, 46, 536-547.	0.9	11
5	WAVELET MULTIFRACTAL DETRENDED FLUCTUATION ANALYSIS OF ENCRYPTION AND DECRYPTION MATRICES. International Journal of Modern Physics C, 2013, 24, 1350069.	1.7	6
6	Perceptual security of encrypted images based on wavelet scaling analysis. Physica A: Statistical Mechanics and Its Applications, 2016, 456, 22-30.	2.6	6
7	Risk assessment methodology for trajectory planning in keyhole neurosurgery using genetic algorithms. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2060.	2.3	6
8	Texture and Materials Image Classification Based on Wavelet Pooling Layer in CNN. Applied Sciences (Switzerland), 2022, 12, 3592.	2.5	5
9	FPGA implementation of a reconfigurable image encryption system. , 2014, , .		4
10	Scaling Analysis of an Image Encryption Scheme Based on Chaotic Dynamical Systems. Entropy, 2021, 23, 672.	2.2	4
11	Wavelet characterization of hyper-chaotic time series. Revista Mexicana De FÃsica, 2018, 64, 283-290.	0.4	4
12	Numerical implementation of a real-time encryption system. Procedia Engineering, 2012, 35, 182-191.	1.2	2
13	Object Detection in Aerial Navigation using Wavelet Transform and Convolutional Neural Networks: A first Approach. Proceedings of the Institute for System Programming of RAS, 2021, 33, 149-162.	0.1	2