

Alaa M Abbas

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

411
citations

759233

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888059

17
g-index

21
all docs

21
docs citations

21
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Speech enhancement with an adaptive Wiener filter. International Journal of Speech Technology, 2014, 17, 53-64.	2.2	71
2	Framework for Efficient Medical Image Encryption Using Dynamic S-Boxes and Chaotic Maps. IEEE Access, 2020, 8, 160433-160449.	4.2	65
3	Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687.	3.9	45
4	Efficient key-dependent dynamic S-boxes based on permuted elliptic curves. Information Sciences, 2021, 558, 246-264.	6.9	44
5	Efficient implementation of chaotic image encryption in transform domains. Journal of Systems and Software, 2014, 97, 118-127.	4.5	28
6	A New Method for Encrypting Images with Few Details Using Rijndael and RC6 Block Ciphers in the Electronic Code Book Mode. Information Security Journal, 2012, 21, 193-205.	1.9	23
7	Robust and secure fractional wavelet image watermarking. Signal, Image and Video Processing, 2015, 9, 89-98.	2.7	21
8	A Novel Parallelizable Chaotic Image Encryption Scheme Based on Elliptic Curves. IEEE Access, 2021, 9, 54978-54991.	4.2	21
9	Chaotic encryption of images in the fractional Fourier transform domain using different modes of operation. Signal, Image and Video Processing, 2015, 9, 611-622.	2.7	19
10	Efficient optical double image cryptosystem using chaotic mapping-based Fresnel transform. Optical and Quantum Electronics, 2021, 53, 1.	3.3	17
11	Block-based SVD image watermarking in spatial and transform domains. International Journal of Electronics, 2015, 102, 1091-1113.	1.4	15
12	Efficient pan-sharpening of satellite images with the contourlet transform. International Journal of Remote Sensing, 2014, 35, 1979-2002.	2.9	12
13	A Novel Optimization Method for Constructing Cryptographically Strong Dynamic S-Boxes. IEEE Access, 2020, 8, 225004-225017.	4.2	12
14	Efficient SVD speech watermarking with encrypted images. International Journal of Speech Technology, 2018, 21, 953-965.	2.2	7
15	Simultaneous Fusion and Denoising of Panchromatic and Multispectral Satellite Images. Sensing and Imaging, 2012, 13, 119-141.	1.5	4
16	Fusion of Zernike moments and Fourier-Mellin transform for invariant image resolution. Optical Engineering, 2008, 47, 017002.	1.0	2
17	A new diffusion mechanism for data encryption in the ECB mode. , 2009, , .		2
18	Resolution enhancement of images for further pattern recognition applications. Optik, 2016, 127, 484-492.	2.9	2

#	ARTICLE	IF	CITATIONS
19	Pixel decomposition for tracking in low resolution videos. , 2008, , .		1
20	Hybrid encoding scheme for HSI model using the Minimum Color Difference. , 2011, , .		0
21	Simultaneous Enhancement and Watermarking of Speech Signals. International Journal of Speech Technology, 2021, 24, 219-234.	2.2	0