M A Mohamed El-Bendary

List of Publications by Year
in descending order

43 papers	394 citations	840119 11 h-index	996533 15 g-index
52 all docs	52 docs citations	52 times ranked	213 citing authors

#	Article	IF	Citations
1	An SVD audio watermarking approach using chaotic encrypted images. , 2011, 21, 764-779.		60
2	Efficient Transmission of Encrypted Images with OFDM in the Presence of Carrier Frequency Offset. Wireless Personal Communications, 2015, 84, 475-521.	1.8	24
3	Secure Wireless Image Communication Using LSB Steganography and Chaotic Baker Ciphering. Wireless Personal Communications, 2016, 91, 1023-1049.	1.8	21
4	FEC merged with double security approach based on encrypted image steganography for different purpose in the presence of noise and different attacks. Multimedia Tools and Applications, 2017, 76, 26463-26501.	2.6	20
5	Medical images transmission over Wireless Multimedia Sensor Networks with high data rate. Analog Integrated Circuits and Signal Processing, 2021, 108, 125-140.	0.9	20
6	JPEG image transmission over mobile network with an efficient channel coding and interleaving. International Journal of Electronics, 2012, 99, 1497-1518.	0.9	18
7	Investigating of nodes and personal authentications utilizing multimodal biometrics for medical application of WBANs security. Multimedia Tools and Applications, 2020, 79, 24507-24535.	2.6	18
8	Chaotic Interleaving for Robust Image Transmission with LDPC Coded OFDM. Wireless Personal Communications, 2014, 79, 2141-2154.	1.8	17
9	Complexity considerations: efficient image transmission over mobile communications channels. Multimedia Tools and Applications, 2019, 78, 16633-16664.	2.6	17
10	Efficient audio integrity verification algorithm using discrete cosine transform. International Journal of Speech Technology, 2016, 19, 1-8.	1.4	15
11	Performance of the audio signals transmission over wireless networks with the channel interleaving considerations. Eurasip Journal on Audio, Speech, and Music Processing, 2012, 2012, .	1.3	14
12	Content Verification of Encrypted Images Transmitted Over Wireless AWGN Channels. Wireless Personal Communications, 2016, 88, 479-491.	1.8	14
13	Performance Improvement of Digital Image Transmission over Mobile WiMAX Networks. Wireless Personal Communications, 2017, 94, 1087-1103.	1.8	13
14	Design Of Area Efficient And Low Power 4-Bit Multiplier Based On Full- swing GDI technique. , 2019, , .		13
15	Developing Security Tools of WSN and WBAN Networks Applications. Lecture Notes in Electrical Engineering, 2015, , .	0.3	12
16	Proposed approach for improving Bluetooth networks security through SVD audio watermarking. , 2012, , .		11
17	Delay Optimization of 4-Bit ALU Designed in FS-GDI Technique. , 2019, , .		11
18	Efficient anomaly detection from medical signals and images with convolutional neural networks for Internet of medical things (IoMT) systems. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3530.	1.0	11

#	Article	IF	Citations
19	Image transmission over mobile Bluetooth networks with enhanced data rate packets and chaotic interleaving. Wireless Networks, 2013, 19, 517-532.	2.0	9
20	Confidentiality considerations: multimedia signals transmission over different wireless channels utilized efficient secured model. Multimedia Tools and Applications, 2022, 81, 25707-25744.	2.6	7
21	Efficient Multiple 4-Bit ALU Designs for Fast Computation and Reduced Area. Circuits, Systems, and Signal Processing, 2022, 41, 4671-4691.	1.2	6
22	Lower Complexity of Secured WSN Networks. Lecture Notes in Electrical Engineering, 2015, , 97-151.	0.3	5
23	Efficient Image Communication in PAPR Distortion Cases. Wireless Personal Communications, 2015, 83, 2773-2834.	1.8	5
24	Utilization of Raptor Codes for OFDM-System Performance Enhancing. Wireless Personal Communications, 2017, 96, 5555-5585.	1.8	4
25	Reliable Mark-Embedded Algorithm for Verifying Archived/Encrypted Image Contents in Presence Different Attacks with FEC Utilizing Consideration. Wireless Personal Communications, 2021, 119, 37-61.	1.8	4
26	Investigating Performance Analysis of a Novel Low-power Efficient Area Carry-Look Ahead Adder. , 2021, , .		4
27	Throughput improvement over Bluetooth system through adaptive packets. , 2009, , .		2
28	Activate the CQDDR role for improving throughput over IEEE 802.15.1 wireless links. , 2012, , .		2
29	Efficient speaker identification from speech transmitted over Bluetooth networks. International Journal of Speech Technology, 2014, 17, 409-416.	1.4	2
30	WSN Security Needs. Lecture Notes in Electrical Engineering, 2015, , 79-95.	0.3	2
31	Studying the throughput efficiency of JPEG image transmission over mobile IEEE 802.15.1 network using EDR packets. , 2012, , .		1
32	Efficient image transmission over low-power IEEE802.15.1 network over correlated fading channels. , 2012, , .		1
33	Enhancing the Image Transmission over Wireless Networks through a Novel Interleaver. KSII Transactions on Internet and Information Systems, 2011, 5, .	0.7	1
34	Based on FS-GDI Approach with 65 nm Technology: Low Power ALU Design. International Journal of Electronics, 2023, 110, 915-933.	0.9	1
35	Bluetooth performance improvement over different channels through channel coding. , 2008, , .		0
36	Improving power efficiency of Bluetooth systems with EDR packets and efficient channel coding. , 2009, , .		0

#	Article	IF	Citations
37	Efficient error correction technique improving the efficiency of image transmission over a mobile Bluetooth networks. , 2012, , .		0
38	Simulation Scenarios of Pseudo-coding Techniques. Signals and Communication Technology, 2018, , 149-188.	0.4	0
39	Wireless Networks. Lecture Notes in Electrical Engineering, 2015, , 43-55.	0.3	0
40	WPANs Technologies Beginning. Signals and Communication Technology, 2018, , 7-24.	0.4	0
41	WPAN Simulation Scenarios-2 with the Different Coding. Signals and Communication Technology, 2018, , 105-148.	0.4	0
42	WPAN-Bluetooth Simulation Scenarios Using Block Codes. Signals and Communication Technology, 2018, , 33-104.	0.4	0
43	Error Control Schemes. Signals and Communication Technology, 2018, , 25-32.	0.4	0