

Wassim Alexan

List of Publications by Year in descending order

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48
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69
citing authors

#	ARTICLE	IF	CITATIONS
1	Image Encryption Through Rössler System, PRNG S-Box and Recamán's Sequence. , 2022, , .		13
2	RGB Image Encryption through Cellular Automata, S-Box and the Lorenz System. Symmetry, 2022, 14, 443.	2.2	53
3	Image encryption based on a combination of multiple chaotic maps. Multimedia Tools and Applications, 2022, 81, 25497-25518.	3.9	60
4	Identifying the Motivational Influences on Students' Choice of Engineering Major. , 2022, , .		0
5	A Comparative Study of Audio Steganography Schemes. International Journal of Computing and Digital Systems, 2021, 10, 555-562.	0.7	6
6	Securing Sensitive Data Through Corner Filters, Chaotic Maps and LSB Embedding. , 2021, , .		3
7	SOR Weighting Factor Optimization of AC Systems and Electrical Circuits. , 2021, , .		0
8	IoT Security: SHA3-512, AES-256, RSA and LSB Steganography. , 2021, , .		7
9	Image Encryption Through Lucas Sequence, S-Box and Chaos Theory. , 2021, , .		18
10	Lightweight Image Encryption: Cellular Automata and the Lorenz System. , 2021, , .		16
11	Utilization of Corner Filters, AES and LSB Steganography for Secure Message Transmission. , 2021, , .		11
12	Secure 3D data hiding technique based on a mesh traversal algorithm. Multimedia Tools and Applications, 2020, 79, 29289-29303.	3.9	25
13	A High Capacity Gray Code Based Security Scheme for Non-Redundant Data Embedding. , 2020, , .		4
14	AES-Secured Bit-Cycling Steganography in Sliced 3D Images. , 2020, , .		18
15	A Comparative Study Among Different Mathematical Sequences in 3D Image Steganography. International Journal of Computing and Digital Systems, 2020, 9, 545-552.	0.7	16
16	Message Security Through AES and LSB Embedding in Edge Detected Pixels of 3D Images. , 2020, , .		11
17	3D Steganography by Random Shuffling of Image Contents Using Residue Model. , 2020, , .		7
18	A 3DES Double-Layer Based Message Security Scheme. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
19	A High Capacity Geometrical Domain Based 3D Image Steganography Scheme. , 2019, , .		22
20	Secure Message Embedding in Audio. , 2019, , .		6
21	A Comparative Study of Relaying Networks: An Outage Probability Approach. , 2019, , .		1
22	Secure 2D Image Steganography Using RecamÃn's Sequence. , 2019, , .		7
23	Double-Layer Image Security Scheme with Aggregated Mathematical Sequences. , 2019, , .		9
24	Triple-Layer Image Security Using a Zigzag Embedding Pattern. , 2019, , .		13
25	An AES Double-Layer Based Message Security Scheme. , 2019, , .		11
26	Secure Message Embedding in 3D Images. , 2019, , .		16
27	Logistic Tan Map Based Audio Steganography. , 2019, , .		11
28	3D Image Steganography Using Sine Logistic Map and 2D Hyperchaotic Map. , 2019, , .		7
29	Logistic Sine Map Based Image Encryption. , 2019, , .		22
30	A Multiple Layer Security Scheme Utilizing Information Matrices. , 2019, , .		3
31	LLR-Based Hybrid On-Off Relaying in Rayleigh Fading. , 2019, , .		0
32	Security Through Blowfish and LSB Bit-Cycling With Mathematical Sequences. , 2019, , .		7
33	Blowfish-Secured Audio Steganography. , 2019, , .		14
34	A High capacity Double-Layer Gray Code Based Security Scheme for Secure Data Embedding. , 2019, , .		10
35	A Threshold-Free LLR-Based Scheme to Minimize the BER for Decode-and-Forward Relaying. Wireless Personal Communications, 2018, 100, 787-801.	2.7	11
36	A comparative study on power allocation for cooperative systems over Rayleigh fading channels. , 2018, , .		1

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37	Sequence-Based Bit-Cycling in Double Layer Message Security. , 2018, , .		13
38	Adaptive Hybrid Scheme for Cooperative Communications. , 2018, , .		3
39	A comparative study of hybrid relaying protocols for M-PSK modulated signals over Rayleigh fading. , 2018, , .		0
40	Two-Way decode and forward relaying for OFDMA mobile systems. , 2017, , .		2
41	Interference management for D2D communications underlay macro-small cell networks with imperfect channel estimation. , 2017, , .		4
42	A Comparative Study on the Performance of LLR- and SNR-Based Hybrid Relaying Schemes. Wireless Communications and Mobile Computing, 2017, 2017, 1-7.	1.2	9
43	Fixed and adaptive relaying power schemes for underlay cognitive radio networks. , 2017, , .		2
44	A relay selection method for bidirectional wireless cooperative networks based on the log-likelihood ratio. , 2015, , .		1
45	A hybrid relaying protocol for wireless cooperative networks based on the log-likelihood ratio. , 2015, , .		4
46	Performance of two way DF relaying with co-channel interference and channel estimation error. , 2015, , .		0
47	LLR-based hybrid relaying as a countermeasure against an impulsive noise jamming attack. , 2015, , .		2
48	A quantized reliability-relay selection method for wireless cooperative communications. , 2014, , .		5