Jahanzeb Pirzada

List of Publications by Year
in descending order

33 papers	**209** citations	2257833 **3** h-index	1588896 **8** g-index
35 all docs	**35** docs citations	**35** times ranked	**93** citing authors

#	Article	IF	Citations
1	Orbital Debris Threat for Space Sustainability and Way Forward (Review Article). IEEE Access, 2020, 8, 61000-61019.	2.6	49
2	Analysis of edge detection algorithms for feature extraction in satellite images. , 2013, , .		12
3	Implementation of CMAC Authentication Algorithm on FPGA for Satellite Communication. , 2019, , .		12
4	A New Symmetric Key Encryption Algorithm With Higher Performance. , 2019, , .		12
5	Air Traffic Surveillance Using IP-Based Space Information Network. , 2019, , .		11
6	Architectural Optimization of Parallel Authenticated Encryption Algorithm for Satellite Application. IEEE Access, 2020, 8, 48543-48556.	2.6	11
7	New hand gesture recognition method for mouse operations. , 2011, , .		10
8	The Parallel CMAC Authenticated Encryption Algorithm for Satellite Communication. , 2019, , .		9
9	Image processing and vision techniques for smart vehicles. , 2012, , .		7
10	Parallelized Key Expansion Algorithm for Advanced Encryption Standard. , 2019, , .		7
11	Detection and Communication of Disasters with Space-Air-Ground Integrated Network. , 2020, , .		7
12	The AES Implementation for Avoiding Single Event Effects for Satellite Application. , 2019, , .		6
13	The Parallel CMAC Authentication Algorithm. , 2019, , .		6
14	Analysis of authenticated encryption scheme for wireless sensor networks. , 2013, , .		5
15	IP-based Space Air Ground Information Network for Air Traffic Control Communication. , 2019, , .		4
16	Disaster Management Using IP-Based Space-Air-Ground Information Network. , 2019, , .		4
17	Single Event Effects Tolerant AES-CTR Implementation for Authentication of Satellite Communication. International Journal of Computer and Communication Engineering, 2019, 8, 178-183.	0.2	4
18	The Parallel CMAC Synthetic Initialization Vector Algorithm Implementation on FPGA. , 2019, , .		3

#	Article	IF	Citations
19	Modification of Initialization Vector for Parallel CMAC Algorithm. , 2019, , .		3
20	High-Throughput Optimizations of AES Algorithm for Satellites. , 2020, , .		3
21	Adaptive Model Predictive Control for a Class of Nonlinear Single-Link Flexible Joint Manipulator. , 2019, , .		2
22	Initialization Vector Generation for AES-CTR Algorithm to Increase Cipher-text Randomness. , 2019, , .		2
23	Space Air Ground Integrated Network: Coverage for Accident Monitoring. , 2021, , .		2
24	The Compatibility Analysis of AES Algorithm for Design Portability on FPGA. International Journal of Computer Theory and Engineering, 2019, 11, 112-115.	3.2	2
25	New Single Camera Vehicle Detection Based on Gabor Features for Real Time Operation. Lecture Notes in Computer Science, 2011, , 567-574.	1.0	2
26	Optimized Authentication Algorithm on FPGA for Space-Air-Ground Integrated Network. , 2020, , .		2
27	An Efficient Encryption Algorithm for Perfect Forward Secrecy in Satellite Communication. Communications in Computer and Information Science, 2020, , 289-302.	0.4	2
28	Space Air Ground Integrated Network: Communication Network for Air Traffic Control. , 2020, , .		2
29	Lightweight Encryption Algorithm Implementation for Internet of Thing Application. , 2020, , .		2
30	A new adaptive threshold technique for improved matching in SIFT. , 2011, , .		1
31	The Implementation of AES-CMAC Authenticated Encryption Algorithm on FPGA. , 2019, , .		1
32	Lightweight, Fast and Secure Data Authentication Algorithm for Satellite Application. , 2019, , .		0
33	Navigation of Student Satellite in LEO with Minimal Sensors. Lecture Notes in Electrical Engineering, 2022, , 5409-5418.	0.3	0