Nataliia Lotoshynska

List of Publications by Year
in descending order

19 papers	273 citations	1307594 7 h-index	1281871 11 g-index
19 all docs	19 docs citations	19 times ranked	236 citing authors

#	Article	IF	Citations
1	Development of the Non-Iterative Supervised Learning Predictor Based on the Ito Decomposition and SGTM Neural-Like Structure for Managing Medical Insurance Costs. Data, 2018, 3, 46.	2.3	53
2	The Combined Use of the Wiener Polynomial and SVM for Material Classification Task in Medical Implants Production. International Journal of Intelligent Systems and Applications, 2018, 10, 40-47.	1.1	42
3	The Additive Input-Doubling Method Based on the SVR with Nonlinear Kernels: Small Data Approach. Symmetry, 2021, 13, 612.	2.2	35
4	Single-frame image super-resolution based on singular square matrix operator. , 2017, , .		31
5	Adaptive moving object segmentation algorithms in cluttered environments. , 2015, , .		18
6	Research of Ateb-Gabor Filter in Biometric Protection Systems. , 2018, , .		13
7	Input Doubling Method based on SVR with RBF kernel in Clinical Practice: Focus on Small Data. Procedia Computer Science, 2021, 184, 606-613.	2.0	12
8	Smart Web Service of Ti-Based Alloy's Quality Evaluation for Medical Implants Manufacturing. Applied Sciences (Switzerland), 2022, 12, 5238.	2.5	12
9	Complexity Evaluation of the Ateb-Gabor Filtration Algorithm in Biometric Security Systems. , 2019, , .		10
10	An Approach Towards Image Encryption and Decryption using Quaternary Fractional-Linear Operations. Procedia Computer Science, 2019, 160, 491-496.	2.0	9
11	Biometric Identification System with Ateb-Gabor Filtering. , 2019, , .		9
12	An Approach towards an Efficient Encryption-Decryption of Grayscale and Color Images. Procedia Computer Science, 2019, 155, 630-635.	2.0	8
13	Elements of RSA Algorithm and Extra Noising in a Binary Linear-Quadratic Transformations During Encryption and Decryption of Images. , 2018, , .		6
14	Identification of Biometric Images by Machine Learning. , 2021, , .		5
15	Consumer-centered design of the secondary packaging for industrial pharmaceuticals. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 257-265.	4.5	4
16	An Approach towards the Protection for Printed Documents by Means of Latent Elements with Fractal Grids and Electronic Determination of Its Authenticity. Electronics (Switzerland), 2020, 9, 667.	3.1	3
17	Assessment of damage to buildings in areasemergency situations. , 2016, , .		1
18	DESIGN OF BIOMETRIC PROTECTION AUTHENTIFICATION SYSTEM BASED ON K-AVERAGE METHOD. Cybersecurity Education Science Technique, 2021, 12, 85-95.	0.4	1

#	Article	IF	Citations
19	RSA ALGORITHM ELEMENTS IN TERNARY AFFINE TRANSFORMATIONS IN ENCRYPTION-DECRYPTION OF IMAGES. Measuring Equipment and Metrology, 2020, 81, 25-29.	0.1	1