Maria Trocan

List of Publications by Year
in descending order

		1040056	996975
35 papers	**324** citations	**9** h-index	**15** g-index
36 all docs	**36** docs citations	**36** times ranked	**224** citing authors

#	Article	IF	Citations
1	Unsupervised Change Detection Analysis in Satellite Image Time Series Using Deep Learning Combined With Graph-Based Approaches. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1450-1466.	4.9	34
2	Compressed-sensing recovery of multiview image and video sequences using signal prediction. Multimedia Tools and Applications, 2014, 72, 95-121.	3.9	28
3	Sparse Recovery-Based Error Concealment. IEEE Transactions on Multimedia, 2017, 19, 1339-1350.	7.2	27
4	Disparity-compensated compressed-sensing reconstruction for multiview images. , 2010, , .		25
5	Compressed sensing of multiview images using disparity compensation. , 2010, , .		19
6	Joint Sparse Learning With Nonlocal and Local Image Priors for Image Error Concealment. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2559-2574.	8.3	17
7	Multistage compressed-sensing reconstruction of multiview images. , 2010, , .		14
8	An adaptive motion-compensated approach for video deinterlacing. Multimedia Tools and Applications, 2012, 61, 819-837.	3.9	14
9	Adaptive saliency-based compressive sensing image reconstruction. , 2016, , .		14
10	Compressive Imaging Using RIP-Compliant CMOS Imager Architecture and Landweber Reconstruction. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 387-399.	8.3	14
11	Change Detection in Satellite Images Using Reconstruction Errors of Joint Autoencoders. Lecture Notes in Computer Science, 2019, , 637-648.	1.3	12
12	Unsupervised Satellite Image Time Series Clustering Using Object-Based Approaches and 3D Convolutional Autoencoder. Remote Sensing, 2020, 12, 1816.	4.0	11
13	A modified version of GoogLeNet for melanoma diagnosis. Journal of Information and Telecommunication, 2021, 5, 395-405.	2.8	11
14	Benign and Malignant Skin Lesion Classification Comparison for Three Deep-Learning Architectures. Lecture Notes in Computer Science, 2020, , 514-524.	1.3	11
15	Deep neural network based single pixel prediction for unified video coding. Neurocomputing, 2018, 272, 558-570.	5.9	10
16	Robust Image Reconstruction for Block-Based Compressed Sensing Using a Binary Measurement Matrix. , 2018, , .		9
17	An HVS-inspired video deinterlacer based on visual saliency. Vietnam Journal of Computer Science, 2017, 4, 61-69.	1.2	8
18	Melanoma Detection Using Deep Learning. Lecture Notes in Computer Science, 2020, , 816-824.	1.3	8

#	Article	IF	Citations
19	Multi-level adaptive neuro-fuzzy inference system-based reconstruction of 1D ISOMAP representations. Fuzzy Sets and Systems, 2021, 411, 155-173.	2.7	5
20	Feature contribution alignment with expert knowledge for artificial intelligence credit scoring. Signal, Image and Video Processing, 2023, 17, 427-434.	2.7	5
21	Rotated Constellations for Video Transmission Over Rayleigh Fading Channels. IEEE Signal Processing Letters, 2007, 14, 629-632.	3.6	4
22	Sparse reconstruction of ISOMAP representations. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7519-7536.	1.4	4
23	Object-Based Change Detection in Satellite Images Combined with Neural Network Autoencoder Feature Extraction. , 2019, , .		4
24	Sparse recovery-based error concealment for multiview images. , 2015, , .		3
25	On the Application of Dictionary Learning to Image Compression. , 0, , .		3
26	Image compressed sensing recovery using intra-block prediction. , 2015, , .		2
27	Joint source-channel coding with partially coded index assignment for robust scalable video. IEEE Signal Processing Letters, 2006, 13, 201-204.	3.6	1
28	Saliency-Guided Video Deinterlacing. Lecture Notes in Computer Science, 2015, , 24-33.	1.3	1
29	Entropy Role on Patch-Based Binary Classification for Skin Melanoma. Communications in Computer and Information Science, 2021, , 324-333.	0.5	1
30	Spectral Saliency-Based Video Deinterlacing. Lecture Notes in Computer Science, 2016, , 590-598.	1.3	1
31	Introduction to the special issue on ICECS 2014. Analog Integrated Circuits and Signal Processing, 2016, 87, 101-103.	1.4	0
32	Guest Editorial Special Section on IEEE ICME 2020. IEEE Open Journal of Circuits and Systems, 2021, 2, 323-324.	1.9	0
33	A Sparse Reconstruction Approach to Video Deinterlacing. Advances in Intelligent Systems and Computing, 2013, , 25-33.	0.6	0
34	An Overlapped Motion Compensated Approach for Video Deinterlacing. Lecture Notes in Computer Science, 2014, , 644-652.	1.3	0
35	Error concealment using data hiding in wireless image transmission. Telfor Journal, 2016, 8, 115-120.	0.7	0