Margarita Favorskaya

List of Publications by Year
in descending order

37 papers	227 citations	1307594 7 h-index	1125743 13 g-index
48 all docs	48 docs citations	48 times ranked	120 citing authors

#	Article	IF	Citations
1	Advances in Computational Study of Dynamic Systems. Smart Innovation, Systems and Technologies, 2022, , 1-10.	0.6	0
2	Deep Learning for Fire and Smoke Detection in Outdoor Spaces. Smart Innovation, Systems and Technologies, 2021, , 195-209.	0.6	0
3	Synchronization Correction Enforced by JPEG Compression in Image Watermarking Scheme for Handheld Mobile Devices. Smart Innovation, Systems and Technologies, 2021, , 241-251.	0.6	0
4	Detecting Relevant Regions for Watermark Embedding in Video Sequences Based on Deep Learning. Smart Innovation, Systems and Technologies, 2020, , 129-139.	0.6	3
5	Framework for Intelligent Wildlife Monitoring. Smart Innovation, Systems and Technologies, 2020, , 167-177.	0.6	3
6	Animal species recognition in the wildlife based on muzzle and shape features using joint CNN. Procedia Computer Science, 2019, 159, 933-942.	2.0	28
7	Feature-based synchronization correction for multilevel watermarking of medical images. Procedia Computer Science, 2019, 159, 1267-1276.	2.0	17
8	Genetic Algorithm for Selecting Relevant Regions in Digital Watermarking Scheme for 2D/3D Medical Images. Smart Innovation, Systems and Technologies, 2019, , 77-87.	0.6	0
9	Selecting Informative Samples for Animal Recognition in the Wildlife. Smart Innovation, Systems and Technologies, 2019, , 65-75.	0.6	1
10	Saliency detection in deep learning era: trends of development. Informatsionno-Upravliaiushchie Sistemy, 2019, , 10-36.	0.4	4
11	Salient region detection in the task of visual question answering. IOP Conference Series: Materials Science and Engineering, 2018, 450, 052017.	0.6	0
12	Modelling the non-stationary videos for performance assessment of frame reconstruction. Procedia Computer Science, 2018, 126, 907-916.	2.0	0
13	No-reference quality assessment of blurred frames. Procedia Computer Science, 2018, 126, 917-926.	2.0	2
14	Background extraction method for analysis of natural images captured by camera traps. Informatsionno-Upravliaiushchie Sistemy, 2018, , 35-45.	0.4	2
15	Texture analysis in watermarking paradigms. Procedia Computer Science, 2017, 112, 1460-1469.	2.0	12
16	Structure-based improvement of scene warped locally in digital video stabilization. Procedia Computer Science, 2017, 112, 1062-1071.	2.0	4
17	Unsupervised Clustering of Natural Images in Automatic Image Annotation Systems. Intelligent Systems Reference Library, 2016, , 123-155.	1.2	5
18	Scene Text Deblurring in Non-stationary Video Sequences. Procedia Computer Science, 2016, 96, 744-753.	2.0	0

#	Article	IF	Citations
19	Spatio-temporal Smoke Clustering in Outdoor Scenes Based on Boosted Random Forests. Procedia Computer Science, 2016, 96, 762-771.	2.0	9
20	Fast Salient Object Detection in Non-stationary Video Sequences Based on Spatial Saliency Maps. Smart Innovation, Systems and Technologies, 2016, , 121-132.	0.6	6
21	Global Motion Estimation Using Saliency Maps in Non-stationary Videos with Static Scenes. Smart Innovation, Systems and Technologies, 2016, , 133-143.	0.6	2
22	Advances in Smart, Multimedia and Computer Gaming Technologies. Intelligent Systems Reference Library, 2015, , 1-6.	1.2	5
23	Fuzzy-Based Digital Video Stabilization in Static Scenes. Smart Innovation, Systems and Technologies, 2015, , 63-83.	0.6	6
24	Verification of Smoke Detection in Video Sequences Based on Spatio-temporal Local Binary Patterns. Procedia Computer Science, 2015, 60, 671-680.	2.0	28
25	Fusion of Airborne LiDAR and Digital Photography Data for Tree Crowns Segmentation and Measurement. Smart Innovation, Systems and Technologies, 2015, , 191-201.	0.6	2
26	Image Categorization Using Color G-SURF Invariant to Light Intensity. Procedia Computer Science, 2015, 60, 681-690.	2.0	2
27	Digital Gray-Scale Watermarking Based on Biometrics. Smart Innovation, Systems and Technologies, 2015, , 203-214.	0.6	3
28	Accurate Motion Estimation Based on Moment Invariants and High Order Statistics for Frames Interpolation in Stereo Vision. Smart Innovation, Systems and Technologies, 2015, , 329-351.	0.6	2
29	Distributed System for Crossroads Traffic Surveillance with Prediction of Incidents. Procedia Computer Science, 2014, 35, 851-860.	2.0	2
30	Image Inpainting based on Self-organizing Maps by Using Multi-agent Implementation. Procedia Computer Science, 2014, 35, 861-870.	2.0	9
31	Accurate spatio-temporal reconstruction of missing data in dynamic scenes. Pattern Recognition Letters, 2013, 34, 1694-1700.	4.2	7
32	Rendering of Wind Effects in 3D Landscape Scenes. Procedia Computer Science, 2013, 22, 1229-1238.	2.0	5
33	Motion Estimations based on Invariant Moments for Frames Interpolation in Stereovision. Procedia Computer Science, 2013, 22, 1102-1111.	2.0	17
34	Intelligent Texture Reconstruction of Missing Data in Video Sequences Using Neural Networks. Communications in Computer and Information Science, 2013, , 163-176.	0.5	2
35	Motion Estimation for Objects Analysis and Detection in Videos. Intelligent Systems Reference Library, 2012, , 211-253.	1.2	8
36	Intelligent Collage System. Smart Innovation, Systems and Technologies, 2012, , 341-350.	0.6	0

#	Article	IF	Citations
37	Adaptive visible image watermarking based on Hadamard transform. IOP Conference Series: Materials Science and Engineering, 0, 450, 052003.	0.6	16