

Oleksandr Zelenskyy

List of Publications by Year in descending order

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54
papers

817
citations

1307594

7
h-index

1588992

8
g-index

55
all docs

55
docs citations

55
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Evolution and Dynamic Adaptations Revealed by Genomes of the Marine Picoeukaryotes <i>Micromonas</i> . <i>Science</i> , 2009, 324, 268-272.	12.6	591
2	Three-State Locally Adaptive Texture Preserving Filter for Radar and Optical Image Processing. <i>Eurasip Journal on Advances in Signal Processing</i> , 2005, 2005, 1.	1.7	30
3	Digital adaptive robust algorithms for radar image filtering. <i>Journal of Electronic Imaging</i> , 1996, 5, 410.	0.9	27
4	Adaptive DCT-based filtering of images corrupted by spatially correlated noise. , 2008, , .		17
5	Improved minimal inter-quantile distance method for blind estimation of noise variance in images. <i>Proceedings of SPIE</i> , 2007, , .	0.8	16
6	Local activity indicators for hard-switching adaptive filtering of images with mixed noise. <i>Optical Engineering</i> , 2001, 40, 1441.	1.0	15
7	3D DCT Based Filtering of Color and Multichannel Images. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i> , 2008, 67, 1369-1392.	0.4	13
8	HCS Road: An Enterprise System for Integrated HCS Data Management and Analysis. <i>Journal of Biomolecular Screening</i> , 2010, 15, 882-891.	2.6	11
9	Quasi-optimal compression of noisy optical and radar images. , 2006, , .		10
10	<title>Data fusion and processing for airborne multichannel system of radar remote sensing: methodology, stages, and algorithms</title>. , 2000, 4051, 215.		7
11	Neural network application for primary local recognition and nonlinear adaptive filtering of images. , 0, , .		6
12	<title>Blind evaluation of noise variance in images using myriad operation</title>. , 2002, 4667, 192.		6
13	<title>Soil moisture and erosion degree estimation from multichannel microwave remote sensing data</title>. , 1995, , .		5
14	Soil-erosion-state interpretation using pre- and postprocessing of multichannel radar images. , 1998, , .		4
15	<title>Neural networks for local recognition of images with mixed noise</title>. , 2001, , .		4
16	Locally adaptive image filtering based on learning with clustering. , 2005, , .		4
17	Use of minimal inter-quantile distance estimation in image processing. , 2006, , .		4
18	Compression and classification of noisy multichannel remote sensing images. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
19	<title>Adaptive vector LQ filter for color image processing</title>. , 1997, , .		4
20	<title>Adaptive nonlinear vector filtering of multichannel radar images</title>. , 1997, , .		4
21	Processing multichannel radar images by modified vector sigma filter for soil erosion degree determination. , 1999, , .		3
22	Texture detection in noisy images by combining several local parameters. , 2015, , .		3
23	<title>Application of order statistic filtering to multichannel radar image processing</title>. , 1995, , .		2
24	Methodology of multichannel radar image processing and interpretation. , 0, , .		2
25	Myriad based shift parameter estimation method and its application to image filtering and processing. , 2005, 5916, 591601.		2
26	<title>Radar dual-polarization remote sensing of soil erosion</title>. Proceedings of SPIE, 1997, 3222, 149.	0.8	1
27	Use of homomorphic transforms for low contrast edge/detail detection and filtering of MM-band images. , 0, , .		1
28	<title>Modified vector sigma filter and its application to color and multichannel remote sensing radar image processing</title>. , 1999, 3808, 423.		1
29	Comparison of 3-D and 2-D DCT Based Filtering of Multichannel Images. , 2007, , .		1
30	Object classification, segmentation, and parameter estimation in multichannel images by classifier learning with clustering of local parameters. , 2007, , .		1
31	Performance evaluation for 2D and 3D filtering methods of noise removal in color images. , 2012, , .		1
32	Smoothing of the bispectral density estimate based on digital nonlinear filtering and the Kravchenko weight functions. Doklady Physics, 2014, 59, 304-308.	0.7	1
33	Experimental study of bispectrum-based encoding in radio communication system. , 2015, , .		1
34	Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal. , 2015, , .		1
35	Blind estimation of speckle variance in synthetic aperture radar images. , 2015, , .		1
36	A NOVEL BISPECTRUM-BASED FREQUENCY ENCODING TECHNIQUE DEVELOPED FOR NOISY AND MULTIPATH FADING RADIO LINKS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz) Tj ETQq0 00.4gBT /Overlock 10		1

#	ARTICLE	IF	CITATIONS
37	<title>Nonlinear order-statistic filters for image processing and restoration algorithms</title>. , 1995, , .		0
38	<title>Fast-data-weighting algorithms of nonfocused SAR-image forming</title>. , 1995, , .		0
39	<title>Image enhancement using signal spectral abundance</title>. , 1995, , .		0
40	Statistical analysis of apodized array pattern characteristics under spatially correlated error influence. , 0, , .		0
41	<title>Nonlinear locally adaptive and iterative algorithms of image restoration</title>. , 1996, 2823, 109.		0
42	<title>Soil characteristics estimation from multispectral and multipolarization radar remote sensing data</title>. , 1996, , .		0
43	Nonlinear locally adaptive and iterative algorithms of image restoration. Journal of Electronic Imaging, 1997, 6, 439.	0.9	0
44	Nonlinear algorithms of isogram extraction from topographic maps. , 1998, , .		0
45	<title>Property analysis of noise-suppressing L-filters for speckle image processing</title>. , 1999, , .		0
46	<title>Applications and properties of sigma and mean filters with adaptive window size</title>. , 2000, , .		0
47	<title>Evaluation of snow cover characteristics in Ukraine from the radar images of Ocean satellite</title>. , 2001, 4171, 261.		0
48	Multiplicative noise variance evaluation in mm-band radar images using myriad estimation. , 0, , .		0
49	Robust ground control point-matching algorithm for multichannel radar image geometric correction. , 2003, , .		0
50	DCT Local Adaptive Filtering of Images Corrupted by Fluctuative Noise with a Priori Unknown Statistical Properties. , 2007, , .		0
51	Multi-frequency encoding technique using phase coupling in wireless communication systems. , 2013, , .		0
52	Bispectral-based signal processing technique for digital communication system. , 2016, , .		0
53	New Noise Immunity Coding Technique with Application of Triple Correlation and Bispectrum. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2006, 65, 399-411.	0.4	0
54	BISPECTRUM-BASED RADAR RANGE PROFILE EVALUATION FOR THE NAVAL TARGETS EMBEDDED IN SEA CLUTTER ENVIRONMENT. Telecommunications and Radio Engineering (English Translation of) Tj ETQq0 0 0 rgBT /Overlock 10Tf 50 57 T		0