

Alberto Jorge Rosales Silva

List of Publications by Year in descending order

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52
papers

514
citations

933447

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713466

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52
all docs

52
docs citations

52
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	New Model of Heteroasociative Min Memory Robust to Acquisition Noise. Mathematics, 2022, 10, 148.	2.2	3
2	Analysis of Different Image Enhancement and Feature Extraction Methods. Mathematics, 2022, 10, 2407.	2.2	3
3	Background subtraction in real applications: Challenges, current models and future directions. Computer Science Review, 2020, 35, 100204.	15.3	171
4	Color index based thresholding method for background and foreground segmentation of plant images. Computers and Electronics in Agriculture, 2020, 178, 105783.	7.7	35
5	High-Precision Visual-Tracking using the IMM Algorithm and Discrete GPI Observers (IMM-DGPI). Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 99, 815-835.	3.4	3
6	Lighting source classification applied in color images to contrast enhancement. Color Research and Application, 2020, 45, 825-836.	1.6	3
7	A Four-Model Based IMM Algorithm for Real-Time Visual Tracking of High-Speed Maneuvering Targets. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 95, 761-775.	3.4	6
8	A Gaussian-Median Filter for Moving Objects Segmentation Applied for Static Scenarios. Advances in Intelligent Systems and Computing, 2019, , 478-493.	0.6	2
9	Parallel Peer Group Filter for Impulse Denoising in Digital Images on GPU. Computing and Informatics, 2019, 38, 1320-1340.	0.7	2
10	Improved preclassification non local-means (IPNLM) for filtering of grayscale images degraded with additive white Gaussian noise. Eurasip Journal on Image and Video Processing, 2018, 2018, .	2.6	2
11	Block-Matching Fuzzy C-Means clustering algorithm for segmentation of color images degraded with Gaussian noise. Engineering Applications of Artificial Intelligence, 2018, 73, 31-49.	8.1	23
12	A ROBUST METHODOLOGY APPLIED TO FACIAL RECOGNITION. Dyna (Spain), 2018, 93, 582-582.	0.2	0
13	A robust GPI controller for trajectory tracking tasks in the limbs of a walking robot. International Journal of Control, Automation and Systems, 2017, 15, 2786-2795.	2.7	4
14	LSM static signs recognition using image processing. , 2017, , .		3
15	Medical Imaging Lesion Detection Based on Unified Gravitational Fuzzy Clustering. Journal of Healthcare Engineering, 2017, 2017, 1-14.	1.9	4
16	Improved Nonlocal Means using preclassified windows. , 2016, , .		1
17	Fuzzy 3D filter for color video sequences contaminated by impulsive noise. Journal of Real-Time Image Processing, 2015, 10, 313-328.	3.5	11
18	Fuzzy C-means applied to MRI images for an automatic lesion detection using image enhancement and constrained clustering. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Variance field estimation-based steganographic (VFES) method for RGB colour images. Imaging Science Journal, 2014, 62, 449-452.	0.5	3
20	Robust fuzzy scheme for Gaussian denoising of 3D color video. Eurasip Journal on Image and Video Processing, 2014, 2014, .	2.6	3
21	An automatic lesion detection using dynamic image enhancement and constrained clustering. , 2014, , .		0
22	COMPUTER-AIDED DIAGNOSIS OF BRAIN TUMORS USING IMAGE ENHANCEMENT AND FUZZY LOGIC. DYNA (Colombia), 2014, 81, 148.	0.4	5
23	A robust neuro-fuzzy classifier for the detection of cardiomegaly in digital chest radiographies. DYNA (Colombia), 2014, 81, 35.	0.4	3
24	Robust c-prototypes algorithms for color image segmentation. Eurasip Journal on Image and Video Processing, 2013, 2013, .	2.6	10
25	Color local complexity estimation based steganographic (CLCES) method. Expert Systems With Applications, 2013, 40, 1132-1142.	7.6	21
26	A fuzzy clustering algorithm with spatial robust estimation constraint for noisy color image segmentation. Pattern Recognition Letters, 2013, 34, 400-413.	4.2	43
27	Diagnosis of acute lymphoblastic leukaemia using fuzzy logic and neural networks. Imaging Science Journal, 2013, 61, 57-64.	0.5	3
28	Rethinking MRI random signals modeling. , 2013, , .		1
29	Possible Patient Early Diagnosis by Ultrasonic Noninvasive Estimation of Thermal Gradients into Tissues Based on Spectral Changes Modeling. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-14.	1.3	8
30	Movement detection using an order statistics algorithm. , 2012, , .		0
31	Fuzzy Directional (FD) Filter for impulsive noise reduction in colour video sequences. Journal of Visual Communication and Image Representation, 2012, 23, 143-149.	2.8	23
32	Multichannel image processing by using the Rank M-type L-filter. Journal of Visual Communication and Image Representation, 2012, 23, 323-330.	2.8	8
33	Robust RML Estimator - Fuzzy C-Means Clustering Algorithms for Noisy Image Segmentation. Lecture Notes in Computer Science, 2011, , 474-486.	1.3	1
34	Fuzzy Directional (FD) Filter to Remove Impulse Noise from Colour Images. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 570-572.	0.3	14
35	Fuzzy feature extraction in image radiographies to detect cardiac insufficiency. , 2010, , .		1
36	Fuzzy set and directional image processing techniques for impulsive noise reduction employing DSP. , 2009, , .		1

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37	Three-dimensional fuzzy-directional processing to impulse video color denoising in real time environment. , 2009, , .		0
38	3D Filtering of Colour Video Sequences Using Fuzzy Logic and Vector Order Statistics. Lecture Notes in Computer Science, 2009, , 210-221.	1.3	7
39	Video Denoising by Fuzzy Directional Filter Using the DSP EVM DM642. Lecture Notes in Computer Science, 2009, , 997-1004.	1.3	2
40	Multispectral image processing under fuzzy and directional techniques. , 2008, , .		0
41	Video processing fuzzy algorithm detecting movement and suppressing noise in remote sensing applications. , 2008, , .		0
42	Noise suppression in video sequences applying fuzzy vectorial directional algorithms. Proceedings of SPIE, 2008, , .	0.8	1
43	Impulse Denoising Using Fuzzy and Directional Processing on a DSP. Lecture Notes in Computer Science, 2008, , 554-561.	1.3	1
44	Three-dimensional color image processing procedures using DSP. , 2007, , .		0
45	Adaptive Vector Directional Filters to Process Multichannel Images. IEICE Transactions on Communications, 2007, E90-B, 429-430.	0.7	21
46	Order statistics vector directional filters to process multichannel images. , 2006, , .		0
47	Adaptive and vector directional processing applied to video colour images. Electronics Letters, 2006, 42, 623.	1.0	16
48	Real-Time Color Image Processing Using Order Statistics Filters. Journal of Mathematical Imaging and Vision, 2005, 23, 315-319.	1.3	22
49	Bromination and Azidation Reactions of 2-Styrylchromones. New Syntheses of 4(5)-Aryl-5(4)-(2-chromonyl)-1,2,3-triazoles. Monatshefte für Chemie, 2004, 135, 293-308.	1.8	10
50	Real-time color imaging using the vectorial order statistics filters. , 2004, , .		0
51	Adaptive multichannel non-parametric median M-type K-nearest neighbour (AMN-MMKNN) filter to remove impulsive noise from colour images. Electronics Letters, 2004, 40, 796.	1.0	4
52	Impulsive noise suppression and analysis in color imaging. , 2004, , .		2