

Evandro Ottoni Teatini Salles

List of Publications by Year in descending order

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55
papers

589
citations

758635

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642321

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g-index

56
all docs

56
docs citations

56
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	A Low-Cost Smart Surveillance System Applied to Vehicle License Plate Tracking. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2022, 21, 141-156.	0.4	0
2	Outlier Robust Extreme Machine Learning for multi-target regression. Expert Systems With Applications, 2020, 140, 112877.	4.4	25
3	Experimental evaluation of pulse shaping based 5G multicarrier modulation formats in visible light communication systems. Optics Communications, 2020, 457, 124693.	1.0	14
4	Diabetic retinopathy detection using red lesion localization and convolutional neural networks. Computers in Biology and Medicine, 2020, 116, 103537.	3.9	148
5	A Class-Independent Texture-Separation Method Based on a Pixel-Wise Binary Classification. Sensors, 2020, 20, 5432.	2.1	2
6	Fast Deep Stacked Networks based on Extreme Learning Machine applied to regression problems. Neural Networks, 2020, 131, 14-28.	3.3	14
7	Novelty Detection in Social Media by Fusing Text and Image Into a Single Structure. IEEE Access, 2019, 7, 132786-132802.	2.6	7
8	Multiple Sequential Regularized Extreme Learning Machines for Single Image Super Resolution. IEEE Signal Processing Letters, 2019, 26, 440-444.	2.1	8
9	A Soft-Threshold Filtering Approach for Tomography Reconstruction from a Limited Number of Projections with Bilateral Edge Preservation. Sensors, 2019, 19, 2346.	2.1	2
10	Identification of Corrosive Substances and Types of Corrosion Through Electrochemical Noise Using Signal Processing and Machine Learning. Journal of Control, Automation and Electrical Systems, 2019, 30, 16-26.	1.2	10
11	A flexible human detection service suitable for Intelligent Spaces based on a multi-camera network. International Journal of Distributed Sensor Networks, 2018, 14, 155014771876355.	1.3	3
12	Texture Representation and Classification with Artificial Hikers and Fractals. , 2018, , .		0
13	Modification in the SAR Super-Resolution Model Using the Fractal Descriptor LMME in the Term Regularizer. IEEE Access, 2018, 6, 39046-39062.	2.6	2
14	Improving Super-Resolution Reconstruction with Regularized Extreme Learning Machine Networks. , 2018, , .		1
15	Retinal image quality assessment using deep learning. Computers in Biology and Medicine, 2018, 103, 64-70.	3.9	70
16	DGR-ELM“Distributed Generalized Regularized ELM for classification. Neurocomputing, 2018, 275, 1522-1530.	3.5	21
17	Single Image Super-Resolution Using Multiple Extreme Learning Machine Regressors. , 2017, , .		0
18	A Fast Superresolution Image Reconstruction Algorithm. IEEE Latin America Transactions, 2016, 14, 1323-1328.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Pedestrian detection system based on HOG and a modified version of CSS. , 2015, , .		2
20	Face Tracking in Unconstrained Color Videos with the Recovery of the Location of Lost Faces. IEEE Latin America Transactions, 2015, 13, 307-314.	1.2	2
21	Pedestrian Detection Utilizing Gradient Orientation Histograms and Color Self Similarities Descriptors. IEEE Latin America Transactions, 2015, 13, 2416-2422.	1.2	2
22	Automatic Identification of Mycobacterium tuberculosis in Ziehl-Neelsen Stained Sputum Smear Microscopy Images using a Two-stage Classifier. , 2015, , .		0
23	Multi-label incremental learning applied to web page categorization. Neural Computing and Applications, 2014, 24, 1403-1419.	3.2	14
24	Exploring neighborhood and spatial information for improving scene classification. Pattern Recognition Letters, 2014, 46, 83-88.	2.6	7
25	Human-robot Interaction and Cooperation Through People Detection and Gesture Recognition. Journal of Control, Automation and Electrical Systems, 2013, 24, 187-198.	1.2	16
26	Impact of the characteristics of data sets on incremental learning. Artificial Intelligence Research, 2013, 2, .	0.3	0
27	Análise e Implementação da Transformada Rápida de Fourier Otimizada. , 2013, , .		0
28	DFT-based fast superresolution image reconstruction using INLA approximation. , 2012, , .		0
29	An incremental neural network with a reduced architecture. Neural Networks, 2012, 35, 70-81.	3.3	65
30	Super-Resolution Image Reconstruction Using Nonparametric Bayesian INLA Approximation. IEEE Transactions on Image Processing, 2012, 21, 3491-3501.	6.0	19
31	A New Change Detection Algorithm for Visual Surveillance System. IEEE Latin America Transactions, 2012, 10, 1221-1226.	1.2	7
32	Face Recognition Based on Sparse Representation and Joint Sparsity Model with Matrix Completion. IEEE Latin America Transactions, 2012, 10, 1344-1351.	1.2	3
33	A Bio-inspired System for Boundary Detection in Color Natural Scenes. Lecture Notes in Computer Science, 2012, , 739-752.	1.0	1
34	Evaluation of GMM approach to fingerprint classification. , 2011, , .		2
35	A Strategy for Boundary Detection Combining Region and Edge Information. , 2011, , .		1
36	Kernel Sammon Map. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	Segmentation of masses in digital mammograms. , 2011, , .		4
38	Automatic sleep staging using a single-channel EEG modeling by Kalman Filter and HMM. , 2011, , .		5
39	Human automatic detection and tracking for outdoor video. Integrated Computer-Aided Engineering, 2011, 18, 379-390.	2.5	12
40	KSS: Using Region and Edge Maps to Detect Image Boundaries. Computing in Science and Engineering, 2011, 13, 46-52.	1.2	4
41	Applying integrated nested laplace approximation to the superresolution problem. , 2011, , .		1
42	Detection and Tracking Faces in Unconstrained Color Video Streams. Lecture Notes in Computer Science, 2011, , 466-475.	1.0	0
43	Unsupervised color image segmentation based on local fractal descriptor and J-images. , 2010, , .		6
44	An Evolving System Based on Probabilistic Neural Network. , 2010, , .		14
45	Determination of the Reference Point of a Fingerprint Based on Multiple Levels of Representation. , 2009, , .		2
46	Fractal-JSEG: JSEG Using an Homogeneity Measurement Based on Local Fractal Descriptor. , 2009, , .		8
47	Topographic Independent Component Analysis Based on Fractal and Morphology Applied to Texture Segmentation. Lecture Notes in Computer Science, 2009, , 491-498.	1.0	4
48	Topographic independent component analysis based on fractal theory and morphology applied to texture segmentation. Signal Processing, 2007, 87, 1966-1977.	2.1	14
49	Identification of crystalline structures using Mössbauer parameters and artificial neural network. Journal of Radioanalytical and Nuclear Chemistry, 1995, 190, 439-447.	0.7	20
50	Artificial neural network for identification of a substance from a Mössbauer data bank. Nuclear Instruments & Methods in Physics Research B, 1994, 94, 499-502.	0.6	15
51	Artificial neural network in Mossbauer mineralogy. , 0, , .		4
52	Fuzzy image processing based on spatial convolution operators. , 0, , .		0
53	Texture classification by means of HMM modeling of AM-FM features. , 0, , .		0
54	Segmentação de Texturas Utilizando Operadores de Convolução e Redes Neurais. , 0, , .		0

#	ARTICLE	IF	CITATIONS
55	Classifying Texture Images Using Artificial Agents, Fractal Dimension and Extreme Learning Machines. , 0, , .		0