

Antonio Fernandez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

849
citations

16
h-index

28
g-index

42
ext. papers

987
ext. citations

3.3
avg, IF

4.47
L-index

#	Paper	IF	Citations
36	An Overview of Methods for Control and Estimation of Capacity in COVID-19 Pandemic from Point Cloud and Imagery Data. <i>Advances in Sustainability Science and Technology</i> , 2022 , 91-105		1
35	Colour and Texture Descriptors for Visual Recognition: A Historical Overview. <i>Journal of Imaging</i> , 2021 , 7,	3.1	4
34	Partial Order Rank Features in Colour Space. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 499	2.6	1
33	Compact Color Texture Descriptor Based on Rank Transform and Product Ordering in the RGB Color Space 2017 ,		1
32	Experimental comparison of color spaces for material classification. <i>Journal of Electronic Imaging</i> , 2016 , 25, 061406	0.7	19
31	Classification of urban areas from GeoEye-1 imagery through texture features based on Histograms of Equivalent Patterns. <i>European Journal of Remote Sensing</i> , 2016 , 49, 93-120	2.9	10
30	An investigation on the use of local multi-resolution patterns for image classification. <i>Information Sciences</i> , 2016 , 361-362, 1-13	7.7	15
29	Grain-size assessment of fine and coarse aggregates through bipolar area morphology. <i>Machine Vision and Applications</i> , 2015 , 26, 775-789	2.8	9
28	Dominant local binary patterns for texture classification: Labelled or unlabelled?. <i>Pattern Recognition Letters</i> , 2015 , 65, 8-14	4.7	24
27	Discrimination between tumour epithelium and stroma via perception-based features. <i>Neurocomputing</i> , 2015 , 154, 119-126	5.4	35
26	Texture Classification Using Rotation Invariant LBP Based on Digital Polygons. <i>Lecture Notes in Computer Science</i> , 2015 , 87-94	0.9	1
25	On Comparing Colour Spaces From a Performance Perspective: Application to Automated Classification of Polished Natural Stones. <i>Lecture Notes in Computer Science</i> , 2015 , 71-78	0.9	5
24	General Framework for Rotation Invariant Texture Classification Through Co-occurrence of Patterns. <i>Journal of Mathematical Imaging and Vision</i> , 2014 , 50, 300-313	1.6	11
23	An appendix to "Texture databases: A comprehensive survey" <i>Pattern Recognition Letters</i> , 2014 , 45, 33-38	4.7	18
22	Rotation invariant co-occurrence features based on digital circles and discrete Fourier transform. <i>Pattern Recognition Letters</i> , 2014 , 48, 34-41	4.7	23
21	A sequential machine vision procedure for assessing paper impurities. <i>Computers in Industry</i> , 2014 , 65, 325-332	11.6	20
20	A Unifying Framework for LBP and Related Methods. <i>Studies in Computational Intelligence</i> , 2014 , 17-46	0.8	6

19	Performance analysis of colour descriptors for parquet sorting. <i>Expert Systems With Applications</i> , 2013 , 40, 1636-1644	7.8	31
18	Texture Description Through Histograms of Equivalent Patterns. <i>Journal of Mathematical Imaging and Vision</i> , 2013 , 45, 76-102	1.6	89
17	Automatic classification of granite tiles through colour and texture features. <i>Expert Systems With Applications</i> , 2012 , 39, 11212-11218	7.8	45
16	Local binary patterns versus signal processing texture analysis: a study from a performance evaluation perspective. <i>Sensor Review</i> , 2012 , 32, 149-162	1.4	12
15	On the Occurrence Probability of Local Binary Patterns: A Theoretical Study. <i>Journal of Mathematical Imaging and Vision</i> , 2011 , 40, 259-268	1.6	24
14	Evaluation of robustness against rotation of LBP, CCR and ILBP features in granite texture classification. <i>Machine Vision and Applications</i> , 2011 , 22, 913-926	2.8	52
13	Image classification with binary gradient contours. <i>Optics and Lasers in Engineering</i> , 2011 , 49, 1177-1184	4.6	45
12	Theoretical and experimental comparison of different approaches for color texture classification. <i>Journal of Electronic Imaging</i> , 2011 , 20, 043006	0.7	59
11	Rotation-invariant colour texture classification through multilayer CCR. <i>Pattern Recognition Letters</i> , 2009 , 30, 765-773	4.7	47
10	Robust color texture features based on ranklets and discrete Fourier transform. <i>Journal of Electronic Imaging</i> , 2009 , 18, 043012	0.7	16
9	Evaluation of the effects of Gabor filter parameters on texture classification. <i>Pattern Recognition</i> , 2007 , 40, 3325-3335	7.7	167
8	Quantifying a similarity of classes of texture images. <i>Applied Optics</i> , 2007 , 46, 5562-70	1.7	3
7	Texture Classification Through Combination of Sequential Colour Texture Classifiers 2007 , 231-240		8
6	One-class texture classifier in the CCR feature space. <i>Pattern Recognition Letters</i> , 2003 , 24, 1503-1511	4.7	19
5	In-plane Deformation Measurement Using ESPI Carrier Fringes 2000 , 275-280		
4	Multiplicative moiré two-beam phase-stepping and fourier-transform methods for the evaluation of multiple-beam fizeau patterns: a comparison. <i>Applied Optics</i> , 1998 , 37, 1945-52	1.7	4
3	Transient Deformation Measurement by Double-Pulsed-Subtraction TV Holography and the Fourier Transform Method. <i>Applied Optics</i> , 1998 , 37, 3440-6	1.7	16
2	Double-pulsed-carrier speckle-shearing pattern interferometry for transient deformation analysis 1998 , 3478, 352		6

1 Transient bending wave analysis by Fourier evaluation of single-pulsed TV holography fringe patterns **1997**, 3098, 575

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