

Antonio Fernandez

List of Publications by Year in descending order

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41
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1,074
citations

430442

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414034

32
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42
all docs

42
docs citations

42
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the effects of Gabor filter parameters on texture classification. Pattern Recognition, 2007, 40, 3325-3335.	5.1	205
2	Texture Description Through Histograms of Equivalent Patterns. Journal of Mathematical Imaging and Vision, 2013, 45, 76-102.	0.8	105
3	Theoretical and experimental comparison of different approaches for color texture classification. Journal of Electronic Imaging, 2011, 20, 043006.	0.5	76
4	Evaluation of robustness against rotation of LBP, CCR and ILBP features in granite texture classification. Machine Vision and Applications, 2011, 22, 913-926.	1.7	65
5	Automatic classification of granite tiles through colour and texture features. Expert Systems With Applications, 2012, 39, 11212-11218.	4.4	63
6	Discrimination between tumour epithelium and stroma via perception-based features. Neurocomputing, 2015, 154, 119-126.	3.5	53
7	Rotation-invariant colour texture classification through multilayer CCR. Pattern Recognition Letters, 2009, 30, 765-773.	2.6	52
8	Image classification with binary gradient contours. Optics and Lasers in Engineering, 2011, 49, 1177-1184.	2.0	50
9	Performance analysis of colour descriptors for parquet sorting. Expert Systems With Applications, 2013, 40, 1636-1644.	4.4	38
10	Dominant local binary patterns for texture classification: Labelled or unlabelled?. Pattern Recognition Letters, 2015, 65, 8-14.	2.6	31
11	Rotation invariant co-occurrence features based on digital circles and discrete Fourier transform. Pattern Recognition Letters, 2014, 48, 34-41.	2.6	29
12	On the Occurrence Probability of Local Binary Patterns: A Theoretical Study. Journal of Mathematical Imaging and Vision, 2011, 40, 259-268.	0.8	28
13	A sequential machine vision procedure for assessing paper impurities. Computers in Industry, 2014, 65, 325-332.	5.7	26
14	One-class texture classifier in the CCR feature space. Pattern Recognition Letters, 2003, 24, 1503-1511.	2.6	24
15	An appendix to "Texture databases" A comprehensive survey. Pattern Recognition Letters, 2014, 45, 33-38.	2.6	23
16	Experimental comparison of color spaces for material classification. Journal of Electronic Imaging, 2016, 25, 061406.	0.5	23
17	Robust color texture features based on ranklets and discrete Fourier transform. Journal of Electronic Imaging, 2009, 18, 043012.	0.5	19
18	An investigation on the use of local multi-resolution patterns for image classification. Information Sciences, 2016, 361-362, 1-13.	4.0	18

#	ARTICLE	IF	CITATIONS
19	Transient deformation measurement by double-pulsed-subtraction TV holography and the Fourier transform method. <i>Applied Optics</i> , 1998, 37, 3440.	2.1	17
20	Colour and Texture Descriptors for Visual Recognition: A Historical Overview. <i>Journal of Imaging</i> , 2021, 7, 245.	1.7	17
21	General Framework for Rotation Invariant Texture Classification Through Co-occurrence of Patterns. <i>Journal of Mathematical Imaging and Vision</i> , 2014, 50, 300-313.	0.8	14
22	Local binary patterns versus signal processing texture analysis: a study from a performance evaluation perspective. <i>Sensor Review</i> , 2012, 32, 149-162.	1.0	13
23	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.	1.7	13
24	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.	1.0	13
25	Grain-size assessment of fine and coarse aggregates through bipolar area morphology. <i>Machine Vision and Applications</i> , 2015, 26, 775-789.	1.7	11
26	Texture Classification Through Combination of Sequential Colour Texture Classifiers. , 2007, , 231-240.		9
27	<title>Double-pulsed-carrier speckle-shearing pattern interferometry for transient deformation analysis</title>. , 1998, 3478, 352.		8
28	Quantifying a similarity of classes of texture images. <i>Applied Optics</i> , 2007, 46, 5562.	2.1	8
29	A Unifying Framework for LBP and Related Methods. <i>Studies in Computational Intelligence</i> , 2014, , 17-46.	0.7	7
30	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.	2.1	5
31	Partial Order Rank Features in Colour Space. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 499.	1.3	3
32	<title>Transient bending wave analysis by Fourier evaluation of single-pulsed TV holography fringe patterns</title>. , 1997, 3098, 575.		2
33	Texture Classification Using Rotation Invariant LBP Based on Digital Polygons. <i>Lecture Notes in Computer Science</i> , 2015, , 87-94.	1.0	2
34	<title>Phase-shifted double single-pulse additive stroboscopic TV holography for the measurement of high-frequency vibrations using low-bandwidth phase-modulation devices</title>. , 1997, , .		1
35	Compact Color Texture Descriptor Based on Rank Transform and Product Ordering in the RGB Color Space. , 2017, , .		1
36	Special Issue Texture and Color in Image Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3801.	1.3	1

#	ARTICLE	IF	CITATIONS
37	<title>Crack detection by TV holography: continuous and pulsed techniques</title>. , 1996, , .		0
38	<title>High-reflectivity surface evaluation in Fizeau phase-stepping interferometry with a Ronchi grid as phase modulator</title>. , 1996, , .		0
39	<title>Comparison of the moire two-beam phase-stepping and Fourier transform method techniques in Fizeau interferometry</title>. , 1997, , .		0
40	<title>Algorithm for surface contouring using two-source phase-stepping digital shearography</title>. , 2001, , .		0
41	In-plane Deformation Measurement Using ESPI Carrier Fringes. , 2000, , 275-280.		0