

# Jaume Escofet

## List of Publications by Citations

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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.

18  
papers

227  
citations

11  
h-index

14  
g-index

36  
ext. papers

267  
ext. citations

2.3  
avg, IF

2.82  
L-index

#	Paper	IF	Citations
18	Modeling of woven fabric structures based on fourier image analysis. <i>Applied Optics</i> , <b>2001</b> , 40, 6170-6	1.7	35
17	Weave-repeat identification by structural analysis of fabric images. <i>Applied Optics</i> , <b>2003</b> , 42, 3361-72	1.7	23
16	Ground-based hyperspectral analysis of the urban nightscape. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2017</b> , 124, 16-26	11.8	19
15	Fourier-domain-based angular correlation for quasiperiodic pattern recognition. Applications to web inspection. <i>Applied Optics</i> , <b>1996</b> , 35, 6253-60	1.7	18
14	Unsupervised novelty detection using Gabor filters for defect segmentation in textures. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2009</b> , 26, 1967-76	1.8	16
13	Reducing the circadian input from self-luminous devices using hardware filters and software applications. <i>Lighting Research and Technology</i> , <b>2017</b> , 49, 481-496	2	15
12	Referenceless segmentation of flaws in woven fabrics. <i>Applied Optics</i> , <b>2007</b> , 46, 6688-99	1.7	15
11	Detection of local defects in textile webs using Gabor filters <b>1996</b> , 2785, 163		15
10	Fabric inspection by near-infrared machine vision. <i>Optics Letters</i> , <b>2004</b> , 29, 1440-2	3	13
9	Inspection of fabric resistance to abrasion by Fourier analysis <b>1998</b> ,		11
8	On lamps, walls, and eyes: The spectral radiance field and the evaluation of light pollution indoors. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2018</b> , 205, 267-277	2.1	5
7	NIR imaging of non-uniform colored webs; application to fabric inspection <b>2004</b> , 5622, 188		5
6	Specification and identification of woven patterns based on Fourier techniques <b>2001</b> , 4419, 62		2
5	Automatic quality control of textile webs by image processing <b>1999</b> ,		2
4	Research note: Calculating spectral irradiance indoors. <i>Lighting Research and Technology</i> , <b>2017</b> , 49, 122-127		1
3	Psychophysical Validation of A Digital Method to Assess Ill-Defined Visual Boundaries: An Example with Fabric Openness Factor. <i>Journal of Sensory Studies</i> , <b>2015</b> , 30, 512-521	2.2	1
2	Unsupervised defect segmentation of patterned materials under NIR illumination. <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 274, 012044	0.3	

- 1      Optical angular correlation in fourier domain. *Journal of Modern Optics*, **2003**, 50, 1383-1400      1.1