Jaume Escofet

List of Publications by Year in Descending Order

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	On lamps, walls, and eyes: The spectral radiance field and the evaluation of light pollution indoors. *Journal of Quantitative Spectroscopy and Radiative Transfer*, **2018**, 205, 267-277	2.1	5
17	Reducing the circadian input from self-luminous devices using hardware filters and software applications. *Lighting Research and Technology*, **2017**, 49, 481-496	2	15
16	Research note: Calculating spectral irradiance indoors. *Lighting Research and Technology*, **2017**, 49, 122-127	2	1
15	Ground-based hyperspectral analysis of the urban nightscape. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2017**, 124, 16-26	11.8	19
14	Psychophysical Validation of A Digital Method to Assess Ill-Defined Visual Boundaries: An Example with Fabric Openness Factor. *Journal of Sensory Studies*, **2015**, 30, 512-521	2.2	1
13	Unsupervised defect segmentation of patterned materials under NIR illumination. *Journal of Physics: Conference Series*, **2011**, 274, 012044	0.3	
12	Unsupervised novelty detection using Gabor filters for defect segmentation in textures. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2009**, 26, 1967-76	1.8	16
11	Referenceless segmentation of flaws in woven fabrics. *Applied Optics*, **2007**, 46, 6688-99	1.7	15
10	NIR imaging of non-uniform colored webs; application to fabric inspection **2004**, 5622, 188		5
9	Fabric inspection by near-infrared machine vision. *Optics Letters*, **2004**, 29, 1440-2	3	13
8	Weave-repeat identification by structural analysis of fabric images. *Applied Optics*, **2003**, 42, 3361-72	1.7	23
7	Optical angular correlation in fourier domain. *Journal of Modern Optics*, **2003**, 50, 1383-1400	1.1	
6	Specification and identification of woven patterns based on Fourier techniques **2001**, 4419, 62		2
5	Modeling of woven fabric structures based on fourier image analysis. *Applied Optics*, **2001**, 40, 6170-6	1.7	35
4	Automatic quality control of textile webs by image processing **1999**,		2
3	Inspection of fabric resistance to abrasion by Fourier analysis **1998**,		11
2	Fourier-domain-based angular correlation for quasiperiodic pattern recognition. Applications to web inspection. *Applied Optics*, **1996**, 35, 6253-60	1.7	18

List of Publications

1 Detection of local defects in textile webs using Gabor filters **1996**, 2785, 163 15