Luis Mazorra

List of Publications by Year
in descending order

20 papers	491 citations	1040018 9 h-index	888047 17 g-index
21 all docs	21 docs citations	21 times ranked	420 citing authors

#	Article	IF	Citations
1	Signal and Image Restoration Using Shock Filters and Anisotropic Diffusion. SIAM Journal on Numerical Analysis, 1994, 31, 590-605.	2.3	310
2	Camera calibration in sport event scenarios. Pattern Recognition, 2014, 47, 89-95.	8.1	22
3	Fully PolSAR image classification using machine learning techniques and reaction-diffusion systems. Neurocomputing, 2017, 255, 52-60.	5.9	22
4	Automatic correction of perspective and optical distortions. Computer Vision and Image Understanding, 2017, 161, 1-10.	4.7	20
5	Invertibility and Estimation of Two-Parameter Polynomial and Division Lens Distortion Models. SIAM Journal on Imaging Sciences, 2015, 8, 1574-1606.	2.2	18
6	A new energy-based method for 3D motion estimation of incompressible PIV flows. Computer Vision and Image Understanding, 2009, 113, 802-810.	4.7	14
7	Automatic estimation of the aortic lumen geometry by ellipse tracking. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 345-355.	2.8	14
8	Variational second order flow estimation for PIV sequences. Experiments in Fluids, 2008, 44, 291-304.	2.4	13
9	Estimation of the Lens Distortion Model by Minimizing a Line Reprojection Error. IEEE Sensors Journal, 2017, 17, 2848-2855.	4.7	11
10	Normalization and feature extraction on ear images. , 2012, , .		9
11	Classification of complex Wishart matrices with a diffusion–reaction system guided by stochastic distances. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20150118.	3.4	9
12	Fast and accurate circle tracking using active contour models. Journal of Real-Time Image Processing, 2018, 14, 793-802.	3.5	9
13	Morphological Thick Line Center Detection. Lecture Notes in Computer Science, 2010, , 71-80.	1.3	5
14	Affine Invariant Distance Using Multiscale Analysis. Journal of Mathematical Imaging and Vision, 2016, 55, 199-209.	1.3	4
15	Geometric Invariant Shape Representations Using Morphological Multiscale Analysis. Journal of Mathematical Imaging and Vision, 2003, 18, 145-168.	1.3	2
16	Multi-Channel Satellite Image Analysis Using a Variational Approach. Pure and Applied Geophysics, 2008, 165, 1071-1093.	1.9	2
17	A Variational Approach for 3D Motion Estimation of Incompressible PIV Flows. , 2007, , 837-847.		2
18	Automatic Camera Pose Recognition in Planar View Scenarios. Lecture Notes in Computer Science, 2012, , 406-413.	1.3	2

#	Article	IF	Citations
19	Image restoration scale space. , 1995, , .		1
20	Classification of PolSAR imagery by solving a diffusion-reaction system. , 2015, , .		0