

# Pedro Mc Rodrigues

## List of Publications by Year in descending order

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21  
papers

117  
citations

1684188

5  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep segmentation leverages geometric pose estimation in computer-aided total knee arthroplasty. Healthcare Technology Letters, 2019, 6, 226-230.	3.3	25
2	3-D Adaptive Nonlinear Complex-Diffusion Despeckling Filter. IEEE Transactions on Medical Imaging, 2012, 31, 2205-2212.	8.9	22
3	Ocular fundus reference images from optical coherence tomography. Computerized Medical Imaging and Graphics, 2014, 38, 381-389.	5.8	17
4	Perspective shape from shading for wide-FOV near-lighting endoscopes. Neurocomputing, 2015, 150, 136-146.	5.9	15
5	Two-dimensional segmentation of the retinal vascular network from optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 126011.	2.6	8
6	Single-image estimation of the camera response function in near-lighting. , 2015, , .		7
7	Towards markerless computer-aided surgery combining deep segmentation and geometric pose estimation: application in total knee arthroplasty. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2021, 9, 271-278.	1.9	5
8	Three-dimensional segmentation and reconstruction of the retinal vasculature from spectral-domain optical coherence tomography. Journal of Biomedical Optics, 2015, 20, 016006.	2.6	4
9	3D blood vessels segmentation from optical coherence tomography. Acta Ophthalmologica, 2012, 90, 0-0.	1.1	4
10	OCT Noise Despeckling Using 3D Nonlinear Complex Diffusion Filter. Lecture Notes in Computational Vision and Biomechanics, 2012, , 141-157.	0.5	3
11	3D Retinal Vascular Network from Optical Coherence Tomography Data. Lecture Notes in Computer Science, 2012, , 339-346.	1.3	2
12	3D nonlinear complex-diffusion filter on GPU. , 2012, 2012, 110-3.		1
13	On the relevance of the 3D retinal vascular network from OCT data. Biometrical Letters, 2012, 49, 95-102.	0.2	1
14	Fast fully-automated multimodal image co-registration (optical coherence tomography, colour) Tj ETQq0 0 0 rgBT /Qyerlock 10 Tf 50 22	1.1	1
15	Non-invasive discrimination between perfused and occluded vessels by optical coherence tomography. Acta Ophthalmologica, 2013, 91, 0-0.	1.1	1
16	Identification of eyes at risk of developing idiopathic macular holes by support vector machines. , 2012, , .		0
17	Photometric camera characterization from a single image with invariance to light intensity and vignetting. Computer Vision and Image Understanding, 2020, 192, 102887.	4.7	0
18	Blood-retinal barrier function status from OCT data. Acta Ophthalmologica, 2011, 89, 0-0.	1.1	0

#	ARTICLE	IF	CITATIONS
19	Vascular network of the human macula from OCT. Acta Ophthalmologica, 2012, 90, 0-0.	1.1	0
20	Explicit and Semi-implicit Complex-Diffusion Schemes for Optical Coherence Tomography Despeckling. Lecture Notes in Computer Science, 2013, , 282-289.	1.3	0
21	Enhanced 3D retinal vascular network reconstruction from high-definition SD-OCT. Acta Ophthalmologica, 2013, 91, 0-0.	1.1	0