

Pedro Mc Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

117
citations

1684188
5
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1281871
11
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22
all docs

22
docs citations

22
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards markerless computer-aided surgery combining deep segmentation and geometric pose estimation: application in total knee arthroplasty. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2021, 9, 271-278.	1.9	5
2	Photometric camera characterization from a single image with invariance to light intensity and vignetting. <i>Computer Vision and Image Understanding</i> , 2020, 192, 102887.	4.7	0
3	Deep segmentation leverages geometric pose estimation in computer-aided total knee arthroplasty. <i>Healthcare Technology Letters</i> , 2019, 6, 226-230.	3.3	25
4	Single-image estimation of the camera response function in near-lighting. , 2015, , .		7
5	Three-dimensional segmentation and reconstruction of the retinal vasculature from spectral-domain optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2015, 20, 016006.	2.6	4
6	Perspective shape from shading for wide-FOV near-lighting endoscopes. <i>Neurocomputing</i> , 2015, 150, 136-146.	5.9	15
7	Ocular fundus reference images from optical coherence tomography. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 381-389.	5.8	17
8	Two-dimensional segmentation of the retinal vascular network from optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 126011.	2.6	8
9	Explicit and Semi-implicit Complex-Diffusion Schemes for Optical Coherence Tomography Despeckling. <i>Lecture Notes in Computer Science</i> , 2013, , 282-289.	1.3	0
10	Fast fully-automated multimodal image co-registration (optical coherence tomography, colour) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.1	1
11	Enhanced 3D retinal vascular network reconstruction from high-definition SD-OCT. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	1.1	0
12	Non-invasive discrimination between perfused and occluded vessels by optical coherence tomography. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	1.1	1
13	3D nonlinear complex-diffusion filter on GPU. , 2012, 2012, 110-3.		1
14	On the relevance of the 3D retinal vascular network from OCT data. <i>Biometrical Letters</i> , 2012, 49, 95-102.	0.2	1
15	3-D Adaptive Nonlinear Complex-Diffusion Despeckling Filter. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 2205-2212.	8.9	22
16	Identification of eyes at risk of developing idiopathic macular holes by support vector machines. , 2012, , .		0
17	3D Retinal Vascular Network from Optical Coherence Tomography Data. <i>Lecture Notes in Computer Science</i> , 2012, , 339-346.	1.3	2
18	3D blood vessels segmentation from optical coherence tomography. <i>Acta Ophthalmologica</i> , 2012, 90, 0-0.	1.1	4

#	ARTICLE	IF	CITATIONS
19	OCT Noise Despeckling Using 3D Nonlinear Complex Diffusion Filter. Lecture Notes in Computational Vision and Biomechanics, 2012, , 141-157.	0.5	3
20	Vascular network of the human macula from OCT. Acta Ophthalmologica, 2012, 90, 0-0.	1.1	0
21	Bloodâ€retinal barrier function status from OCT data. Acta Ophthalmologica, 2011, 89, 0-0.	1.1	0