

Jose Silvestre Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1211101/publications.pdf>

Version: 2024-02-01

37
papers

331
citations

1040056

9
h-index

940533

16
g-index

40
all docs

40
docs citations

40
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Multispectral Facial Recognition in the Wild. Sensors, 2022, 22, 4219.	3.8	3
2	Multispectral Face Recognition Using Transfer Learning with Adaptation of Domain Specific Units. Sensors, 2021, 21, 4520.	3.8	7
3	Multispectral Facial Recognition: A Review. IEEE Access, 2020, 8, 207871-207883.	4.2	13
4	Landmine Detection Using Multispectral Images. IEEE Sensors Journal, 2019, 19, 9341-9351.	4.7	14
5	Detection of Camouflaged People. Internatinoal Journal of Sensor Networks and Data Communications, 2016, 5, .	0.1	3
6	Enhanced Classification of Interstitial Lung Disease Patterns in HRCT Images Using Differential Lacunarity. BioMed Research International, 2015, 2015, 1-9.	1.9	9
7	3D liver segmentation in computed tomography and positron emission tomography exams through active surfaces. , 2015, , .		1
8	Classification of vegetation types in military region. Proceedings of SPIE, 2015, , .	0.8	0
9	Detection of pathologic liver using ultrasound images. Biomedical Signal Processing and Control, 2014, 14, 248-255.	5.7	8
10	Diabetic peripheral neuropathy assessment through corneal nerve morphometry. , 2013, , .		2
11	Automated identification of the lung contours in positron emission tomography. Journal of Instrumentation, 2013, 8, C03018-C03018.	1.2	2
12	Cardiac Chamber Contour Extraction. , 2013, , 270-292.		0
13	Algorithm Versus Physicians Variability Evaluation in the Cardiac Chambers Extraction. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 835-841.	3.2	12
14	Classifier Approaches for Liver Steatosis using Ultrasound Images. Procedia Technology, 2012, 5, 763-770.	1.1	56
15	An Algorithm for the Pulmonary Border Extraction in PET Images. Procedia Technology, 2012, 5, 876-884.	1.1	4
16	3D medical image reconstruction on Digital Breast Tomosynthesis. , 2012, , .		1
17	FLIM as a tool for metabolic imaging of the cornea. , 2012, , .		0
18	An algorithm for the surgical planning of hepatic resections. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
19	Evaluation of corneal nerves morphology for diabetic peripheral neuropathy assessment. , 2012, , .		1
20	3D automatic lung segmentation in low-dose CT. , 2012, , .		3
21	A method for corneal nerves automatic segmentation and morphometric analysis. Computer Methods and Programs in Biomedicine, 2012, 107, 53-60.	4.7	27
22	Non-Newtonian Blood Flow in Portal Vein with Thrombosis: A Study by Computational Fluid Dynamics. , 2011, , .		3
23	Fast volumetric registration method for tumor follow-up in pulmonary CT exams. Journal of Applied Clinical Medical Physics, 2011, 12, 362-375.	1.9	14
24	Phase Symmetry Approach Applied to Children Heart Chambers Segmentation: A Comparative Study. IEEE Transactions on Biomedical Engineering, 2011, 58, 2264-2271.	4.2	21
25	Image Denoising Methods for Tumor Discrimination in High-Resolution Computed Tomography. Journal of Digital Imaging, 2011, 24, 464-469.	2.9	18
26	neuroCornea - Diabetic peripheral neuropathy early diagnosis and follow-up through in vivo automatic analysis of corneal nerves morphology. , 2011, , .		1
27	Evaluation of the Inter-observer Cardiac Chamber Contour Extraction versus a Level Set Algorithm. Communications in Computer and Information Science, 2011, , 97-106.	0.5	0
28	A Level Set Segmentation Method of the Four Heart Cavities in Pediatric Ultrasound Images. Lecture Notes in Computer Science, 2010, , 99-107.	1.3	10
29	Automatic Corneal Nerves Recognition for Earlier Diagnosis and Follow-Up of Diabetic Neuropathy. Lecture Notes in Computer Science, 2010, , 60-69.	1.3	6
30	Volumetric Registration Method in Lung Tumour Discrimination. IFMBE Proceedings, 2009, , 1104-1107.	0.3	0
31	GATE Mammogram Simulation of NCAT Breast Phantom. IFMBE Proceedings, 2009, , 1482-1485.	0.3	4
32	Serial volumetric registration of pulmonary CT studies. Proceedings of SPIE, 2008, , .	0.8	0
33	A volumetric pulmonary CT segmentation method with applications in emphysema assessment. , 2006, , .		4
34	Quantitative evaluation of a pulmonary contour segmentation algorithm in x-ray computed tomography images1. Academic Radiology, 2004, 11, 868-878.	2.5	27
35	Comparison of a segmentation algorithm to six expert imagiologists in detecting pulmonary contours on x-ray CT images. , 2003, , .		7
36	Detection and 3D representation of pulmonary air bubbles in HRCT volumes. , 2003, 5031, 430.		7

#	ARTICLE	IF	CITATIONS
37	<title>Fast pulmonary contour extraction in x-ray CT images: a methodology and quality assessment</title>. , 2001, , .		25