# Jose Silvestre Silva

List of Publications by Year
in descending order

| 37 papers | 331 citations | 9 h-index | 16 g-index |
|:---:|:---:|:---:|:---:|
| | | 1040056 | 940533 |
| 40 all docs | 40 docs citations | 40 times ranked | 334 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Classifier Approaches for Liver Steatosis using Ultrasound Images. Procedia Technology, 2012, 5, 763-770. | 1.1 | 56 |
| 2 | Quantitative evaluation of a pulmonary contour segmentation algorithm in x-ray computed tomography images1. Academic Radiology, 2004, 11, 868-878. | 2.5 | 27 |
| 3 | A method for corneal nerves automatic segmentation and morphometric analysis. Computer Methods and Programs in Biomedicine, 2012, 107, 53-60. | 4.7 | 27 |
| 4 | <title>Fast pulmonary contour extraction in x-ray CT images: a methodology and quality assessment</title>. , 2001, , . | | 25 |
| 5 | Phase Symmetry Approach Applied to Children Heart Chambers Segmentation: A Comparative Study. IEEE Transactions on Biomedical Engineering, 2011, 58, 2264-2271. | 4.2 | 21 |
| 6 | Image Denoising Methods for Tumor Discrimination in High-Resolution Computed Tomography. Journal of Digital Imaging, 2011, 24, 464-469. | 2.9 | 18 |
| 7 | 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 |
| 8 | Landmine Detection Using Multispectral Images. IEEE Sensors Journal, 2019, 19, 9341-9351. | 4.7 | 14 |
| 9 | Multispectral Facial Recognition: A Review. IEEE Access, 2020, 8, 207871-207883. | 4.2 | 13 |
| 10 | Algorithm Versus Physicians Variability Evaluation in the Cardiac Chambers Extraction. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 835-841. | 3.2 | 12 |
| 11 | 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 |
| 12 | Enhanced Classification of Interstitial Lung Disease Patterns in HRCT Images Using Differential Lacunarity. BioMed Research International, 2015, 2015, 1-9. | 1.9 | 9 |
| 13 | Detection of pathologic liver using ultrasound images. Biomedical Signal Processing and Control, 2014, 14, 248-255. | 5.7 | 8 |
| 14 | Comparison of a segmentation algorithm to six expert imagiologists in detecting pulmonary contours on x-ray CT images. , 2003, , . | | 7 |
| 15 | Detection and 3D representation of pulmonary air bubbles in HRCT volumes. , 2003, 5031, 430. | | 7 |
| 16 | Multispectral Face Recognition Using Transfer Learning with Adaptation of Domain Specific Units. Sensors, 2021, 21, 4520. | 3.8 | 7 |
| 17 | Automatic Corneal Nerves Recognition for Earlier Diagnosis and Follow-Up of Diabetic Neuropathy. Lecture Notes in Computer Science, 2010, , 60-69. | 1.3 | 6 |
| 18 | An algorithm for the surgical planning of hepatic resections. , 2012, , . | | 5 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | A volumetric pulmonary CT segmentation method with applications in emphysema assessment. , 2006, , . | | 4 |
| 20 | An Algorithm for the Pulmonary Border Extraction in PET Images. Procedia Technology, 2012, 5, 876-884. | 1.1 | 4 |
| 21 | GATE Mammogram Simulation of NCAT Breast Phantom. IFMBE Proceedings, 2009, , 1482-1485. | 0.3 | 4 |
| 22 | Non-Newtonian Blood Flow in Portal Vein with Thrombosis: A Study by Computational Fluid Dynamics. , 2011, , . | | 3 |
| 23 | 3D automatic lung segmentation in low-dose CT. , 2012, , . | | 3 |
| 24 | Detection of Camouflaged People. Internatinoal Journal of Sensor Networks and Data Communications, 2016, 5, . | 0.1 | 3 |
| 25 | Multispectral Facial Recognition in the Wild. Sensors, 2022, 22, 4219. | 3.8 | 3 |
| 26 | Diabetic peripheral neuropathy assessment through corneal nerve morphometry. , 2013, , . | | 2 |
| 27 | Automated identification of the lung contours in positron emission tomography. Journal of Instrumentation, 2013, 8, C03018-C03018. | 1.2 | 2 |
| 28 | neuroCornea â€" Diabetic peripheral neuropathy early diagnosis and follow-up through in vivo automatic analysis of corneal nerves morphology. , 2011, , . | | 1 |
| 29 | 3D medical image reconstruction on Digital Breast Tomosynthesis. , 2012, , . | | 1 |
| 30 | Evaluation of corneal nerves morphology for diabetic peripheral neuropathy assessment. , 2012, , . | | 1 |
| 31 | 3D liver segmentation in computed tomography and positron emission tomography exams through active surfaces. , 2015, , . | | 1 |
| 32 | Serial volumetric registration of pulmonary CT studies. Proceedings of SPIE, 2008, , . | 0.8 | 0 |
| 33 | Volumetric Registration Method in Lung Tumour Discrimination. IFMBE Proceedings, 2009, , 1104-1107. | 0.3 | 0 |
| 34 | FLIM as a tool for metabolic imaging of the cornea. , 2012, , . | | 0 |
| 35 | Classification of vegetation types in military region. Proceedings of SPIE, 2015, , . | 0.8 | 0 |
| 36 | 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 |

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|---|---------|----|-----------| 
| 37 | Cardiac Chamber Contour Extraction. , 2013, , 270-292. | | 0 |