

Stavros Tsantis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10688534/publications.pdf>

Version: 2024-02-01

14
papers

482
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic vessel lumen segmentation and stent strut detection in intravascular optical coherence tomography. <i>Medical Physics</i> , 2011, 39, 503-513.	3.0	96
2	A Machine-Learning Algorithm Toward Color Analysis for Chronic Liver Disease Classification, Employing Ultrasound Shear Wave Elastography. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1797-1810.	1.5	71
3	Morphological and wavelet features towards sonographic thyroid nodules evaluation. <i>Computerized Medical Imaging and Graphics</i> , 2009, 33, 91-99.	5.8	52
4	Temporal stability assessment in shear wave elasticity images validated by deep learning neural network for chronic liver disease fibrosis stage assessment. <i>Medical Physics</i> , 2019, 46, 2298-2309.	3.0	41
5	A new automated quantification algorithm for the detection and evaluation of focal liver lesions with contrast-enhanced ultrasound. <i>Medical Physics</i> , 2015, 42, 3948-3959.	3.0	39
6	The development and validation of an algorithm for real-time computerised fetal heart rate monitoring in labour. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 1130-1137.	2.3	35
7	Focal liver lesions segmentation and classification in nonenhanced T2-weighted MRI. <i>Medical Physics</i> , 2017, 44, 3695-3705.	3.0	35
8	Development of a support vector machine-based image analysis system for assessing the thyroid nodule malignancy risk on ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 1451-1459.	1.5	33
9	A new computer aided diagnosis system for evaluation of chronic liver disease with ultrasound shear wave elastography imaging. <i>Medical Physics</i> , 2016, 43, 1428-1436.	3.0	23
10	Automatic quantitative analysis of in-stent restenosis using FD-OCT <i>in vivo</i> intracoronary imaging. <i>Medical Physics</i> , 2013, 40, 063101.	3.0	20
11	Deep learning networks on chronic liver disease assessment with fine-tuning of shear wave elastography image sequences. <i>Physics in Medicine and Biology</i> , 2020, 65, 215027.	3.0	15
12	Multiresolution edge detection using enhanced fuzzy c-means clustering for ultrasound image speckle reduction. <i>Medical Physics</i> , 2014, 41, 072903.	3.0	14
13	2D perfusion DSA with an open-source, semi-automated, color-coded software for the quantification of foot perfusion following infrapopliteal angioplasty: a feasibility study. <i>European Radiology Experimental</i> , 2020, 4, 47.	3.4	7
14	Automatic quantification of contrast enhanced ultrasound liver imaging. <i>Physica Medica</i> , 2014, 30, e53-e54.	0.7	1