Stavros Tsantis

List of Publications by Year in descending order

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

Version: 2024-02-01

		759233	1058476
14	482	12	14
papers	citations	h-index	g-index

14	14	14	780
all docs	docs citations	times ranked	citing authors

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