

Antonio Stanziola

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

132
citations

1684188

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h-index

2053705

5
g-index

16
all docs

16
docs citations

16
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. <i>Photoacoustics</i> , 2017, 6, 26-36.	7.8	44
2	ASAP: Super-Contrast Vasculature Imaging Using Coherence Analysis and High Frame-Rate Contrast Enhanced Ultrasound. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1847-1856.	8.9	35
3	Ultrasound Imaging with Microbubbles [Life Sciences]. <i>IEEE Signal Processing Magazine</i> , 2016, 33, 111-117.	5.6	21
4	3-D Microvascular Imaging Using High Frame Rate Ultrasound and ASAP Without Contrast Agents: Development and Initial <i>In Vivo</i> Evaluation on Nontumor and Tumor Models. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 939-948.	3.0	11
5	High Signal-to-Noise Ratio Contrast-Enhanced Photoacoustic Imaging using Acoustic Sub-Aperture Processing and Spatiotemporal Filtering. , 2019, , .		8
6	Differential Intensity Projection for Visualisation and Quantification of Plaque Neovascularisation in Contrast-Enhanced Ultrasound Images of Carotid Arteries. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 831-837.	1.5	5
7	Super-Resolution Ultrasound Image Filtering with Machine-Learning to Reduce the Localization Error. , 2019, , .		4
8	Effects of motion on high frame rate contrast enhanced echocardiography and its correction. , 2017, , .		1
9	Contrast vs Non-Contrast Enhanced Microvascular Imaging Using Acoustic Sub-Aperture Processing (ASAP): In Vivo Demonstration. , 2018, , .		1
10	High-Contrast 3D in Vivo Microvascular Imaging Using Scanning 2D Ultrasound and Acoustic Sub-Aperture Processing (ASAP). , 2018, , .		1
11	A Deep Learning Approach to Synthetic Aperture Vector Flow Imaging. , 2018, , .		1
12	Motion correction in contrast-enhanced ultrasound scans of carotid atherosclerotic plaques. , 2015, , .		0
13	Effects of motion on high frame rate contrast enhanced echocardiography and its correction. , 2017, , .		0
14	Multi-frame rate plane wave contrast-enhance ultrasound imaging for tumour vasculature imaging and perfusion quantification. , 2017, , .		0
15	Notice of Removal: Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. , 2017, , .		0
16	Sparse Image Reconstruction for Contrast Enhanced Cardiac Ultrasound using Diverging Waves. , 2019, , .		0