

Geert Springeling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11537647/publications.pdf>

Version: 2024-02-01

19
papers

615
citations

759233

12
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time photoacoustic assessment of radiofrequency ablation lesion formation in the left atrium. <i>Photoacoustics</i> , 2019, 16, 100150.	7.8	29
2	Motorized capsule for shadow-free OCT imaging and synchronous beam control. <i>Optics Letters</i> , 2019, 44, 3641.	3.3	12
3	In vivo intravascular photoacoustic imaging of plaque lipid in coronary atherosclerosis. <i>EuroIntervention</i> , 2019, 15, 452-456.	3.2	14
4	A Kerfless PVDF Array for Photoacoustic Imaging. , 2018, , .		2
5	Photoacoustic-Enabled RF Ablation Catheters for Lesion Monitoring. , 2018, , .		2
6	Structured ultrasound microscopy. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	17
7	Catheter design optimization for practical intravascular photoacoustic imaging (IVPA) of vulnerable plaques. , 2018, , .		2
8	Compressive 3D ultrasound imaging using a single sensor. <i>Science Advances</i> , 2017, 3, e1701423.	10.3	98
9	Notice of Removal: Acoustical compressive 3D imaging with a single sensor. , 2017, , .		0
10	Real-time volumetric lipid imaging in vivo by intravascular photoacoustics at 20 frames per second. <i>Biomedical Optics Express</i> , 2017, 8, 943.	2.9	80
11	Heartbeat OCT and Motion-Free 3D In-Vivo Coronary Artery Microscopy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 622-623.	5.3	19
12	A Broadband Polyvinylidene Difluoride-Based Hydrophone with Integrated Readout Circuit for Intravascular Photoacoustic Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1239-1243.	1.5	17
13	Heartbeat OCT: superfast imaging and elasticity detection. , 2016, , .		1
14	Heartbeat OCT: in vivo intravascular megahertz-optical coherence tomography. <i>Biomedical Optics Express</i> , 2015, 6, 5021.	2.9	80
15	Photoacoustic imaging of carotid artery atherosclerosis. <i>Journal of Biomedical Optics</i> , 2014, 19, 110504.	2.6	61
16	Impact of device geometry on the imaging characteristics of an intravascular photoacoustic catheter. <i>Applied Optics</i> , 2014, 53, 8131.	2.1	15
17	Spectroscopic intravascular photoacoustic imaging of lipids in atherosclerosis. <i>Journal of Biomedical Optics</i> , 2014, 19, 026006.	2.6	63
18	Intravascular optical coherence tomography imaging at 3200 frames per second. <i>Optics Letters</i> , 2013, 38, 1715.	3.3	103

#	ARTICLE	IF	CITATIONS
19	Automatic lipid detection in human coronary atherosclerosis using spectroscopic intravascular photoacoustic imaging. , 2012, , .		0