

Dominik Soliman

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

621
citations

840776

11
h-index

1058476

14
g-index

25
all docs

25
docs citations

25
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	Pushing the Optical Imaging Limits of Cancer with Multi-Frequency-Band Raster-Scan Optoacoustic Mesoscopy (RSOM). <i>Neoplasia</i> , 2015, 17, 208-214.	5.3	107
2	Ultrawideband reflection-mode optoacoustic mesoscopy. <i>Optics Letters</i> , 2014, 39, 3911.	3.3	90
3	Broadband mesoscopic optoacoustic tomography reveals skin layers. <i>Optics Letters</i> , 2014, 39, 6297.	3.3	79
4	Hybrid multiphoton and optoacoustic microscope. <i>Optics Letters</i> , 2014, 39, 1819.	3.3	50
5	Combining microscopy with mesoscopy using optical and optoacoustic label-free modes. <i>Scientific Reports</i> , 2015, 5, 12902.	3.3	47
6	Optoacoustic Dermoscopy of the Human Skin: Tuning Excitation Energy for Optimal Detection Bandwidth With Fast and Deep Imaging <i>&lt;italic&gt;in vivo&lt;/italic&gt;</i> . <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1287-1296.	8.9	47
7	Multimodal optoacoustic and multiphoton microscopy of human carotid atheroma. <i>Photoacoustics</i> , 2016, 4, 102-111.	7.8	43
8	Fiber interferometer for hybrid optical and optoacoustic intravital microscopy. <i>Optica</i> , 2017, 4, 1180.	9.3	40
9	Optoacoustic microscopy at multiple discrete frequencies. <i>Light: Science and Applications</i> , 2018, 7, 109.	16.6	39
10	All-optical optoacoustic microscope based on wideband pulse interferometry. <i>Optics Letters</i> , 2016, 41, 1953.	3.3	38
11	Pushing the boundaries of optoacoustic microscopy by total impulse response characterization. <i>Nature Communications</i> , 2020, 11, 2910.	12.8	25
12	Whole-Cell Photoacoustic Sensor Based on Pigment Relocalization. <i>ACS Sensors</i> , 2019, 4, 603-612.	7.8	9
13	Optoacoustic microscopy based on pi-FBG ultrasound sensors. <i>Proceedings of SPIE</i> , 2017, , .	0.8	3
14	Unmixing chromophores in human skin with a 3D multispectral optoacoustic mesoscopy system. , 2016, , .		2
15	High-resolution epi-illumination raster-scan optoacoustic mesoscopy for imaging of model organisms and microvessels. , 2015, , .		1
16	Broadband mesoscopic optoacoustic tomography reveals skin layers: publisherâ€™s note. <i>Optics Letters</i> , 2019, 44, 5116.	3.3	1
17	High-resolution epi-illumination raster-scan optoacoustic mesoscopy for imaging of model organisms and microvessels. , 2015, , .		0
18	Hybrid label-free multiphoton and optoacoustic microscopy (MPOM). <i>Proceedings of SPIE</i> , 2015, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Retrieving small features in reflection-mode raster-scan optoacoustic mesoscopy (RSOM) using multi-frequency reconstruction. , 2015, , .		0
20	Combined label-free optical and optoacoustic imaging of model organisms at mesoscopy and microscopy resolutions. , 2016, , .		0
21	Imaging melanin cancer growth in-vivo using raster-scan optoacoustic mesoscopy (RSOM) at 50 MHz and 100 MHz. , 2016, , .		0
22	Hybrid microscopy of human carotid atheroma by means of optical-resolution optoacoustic and non-linear optical microscopy. Proceedings of SPIE, 2017, , .	0.8	0
23	Hybrid label-free multiphoton and optoacoustic microscopy (MPOM). , 2015, , .		0
24	Multimodal Optoacoustic Imaging. , 2019, , 69-99.		0