

# 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 boundaries of optoacoustic microscopy by total impulse response characterization. Nature Communications, 2020, 11, 2910.	12.8	25
2	Whole-Cell Photoacoustic Sensor Based on Pigment Relocalization. ACS Sensors, 2019, 4, 603-612.	7.8	9
3	Multimodal Optoacoustic Imaging. , 2019, , 69-99.		0
4	Broadband mesoscopic optoacoustic tomography reveals skin layers: publisher's note. Optics Letters, 2019, 44, 5116.	3.3	1
5	Optoacoustic microscopy at multiple discrete frequencies. Light: Science and Applications, 2018, 7, 109.	16.6	39
6	Optoacoustic Dermoscopy of the Human Skin: Tuning Excitation Energy for Optimal Detection Bandwidth With Fast and Deep Imaging <i>in vivo</i> . IEEE Transactions on Medical Imaging, 2017, 36, 1287-1296.	8.9	47
7	Optoacoustic microscopy based on pi-FBG ultrasound sensors. Proceedings of SPIE, 2017, , .	0.8	3
8	Hybrid microscopy of human carotid atheroma by means of optical-resolution optoacoustic and non-linear optical microscopy. Proceedings of SPIE, 2017, , .	0.8	0
9	Fiber interferometer for hybrid optical and optoacoustic intravital microscopy. Optica, 2017, 4, 1180.	9.3	40
10	All-optical optoacoustic microscope based on wideband pulse interferometry. Optics Letters, 2016, 41, 1953.	3.3	38
11	Multimodal optoacoustic and multiphoton microscopy of human carotid atheroma. Photoacoustics, 2016, 4, 102-111.	7.8	43
12	Combined label-free optical and optoacoustic imaging of model organisms at mesoscopy and microscopy resolutions. , 2016, , .		0
13	Imaging melanin cancer growth in-vivo using raster-scan optoacoustic mesoscopy (RSOM) at 50 MHz and 100 MHz. , 2016, , .		0
14	Unmixing chromophores in human skin with a 3D multispectral optoacoustic mesoscopy system. , 2016, , .		2
15	Combining microscopy with mesoscopy using optical and optoacoustic label-free modes. Scientific Reports, 2015, 5, 12902.	3.3	47
16	High-resolution epi-illumination raster-scan optoacoustic mesoscopy for imaging of model organisms and microvessels. , 2015, , .		0
17	Hybrid label-free multiphoton and optoacoustic microscopy (MPOM). Proceedings of SPIE, 2015, , .	0.8	0
18	Pushing the Optical Imaging Limits of Cancer with Multi-Frequency-Band Raster-Scan Optoacoustic Mesoscopy (RSOM). Neoplasia, 2015, 17, 208-214.	5.3	107

#	ARTICLE	IF	CITATIONS
19	Retrieving small features in reflection-mode raster-scan optoacoustic mesoscopy (RSOM) using multi-frequency reconstruction. , 2015, , .		0
20	Hybrid label-free multiphoton and optoacoustic microscopy (MPOM). , 2015, , .		0
21	High-resolution epi-illumination raster-scan optoacoustic mesoscopy for imaging of model organisms and microvessels. , 2015, , .		1
22	Hybrid multiphoton and optoacoustic microscope. Optics Letters, 2014, 39, 1819.	3.3	50
23	Broadband mesoscopic optoacoustic tomography reveals skin layers. Optics Letters, 2014, 39, 6297.	3.3	79
24	Ultrawideband reflection-mode optoacoustic mesoscopy. Optics Letters, 2014, 39, 3911.	3.3	90