

# Orly Liba

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

500  
citations

758635

12  
h-index

839053

18  
g-index

29  
all docs

29  
docs citations

29  
times ranked

963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the Trade-Off Between Speckle Reduction and Axial Resolution in Frequency Compounding. IEEE Transactions on Medical Imaging, 2019, 38, 107-112.	5.4	3
2	Speckle modulation enables high-resolution wide-field human brain tumor margin detection and in vivo murine neuroimaging. Scientific Reports, 2019, 9, 10388.	1.6	15
3	Spatiotemporal Tracking of Brain-Tumor-Associated Myeloid Cells <i>in Vivo</i> through Optical Coherence Tomography with Plasmonic Labeling and Speckle Modulation. ACS Nano, 2019, 13, 7985-7995.	7.3	18
4	Real-Time Detection of Circulating Tumor Cells in Living Animals Using Functionalized Large Gold Nanorods. Nano Letters, 2019, 19, 2334-2342.	4.5	17
5	Intraoperative Imaging Modalities and the Potential Role of Speckle Modulating Optical Coherence Tomography. Neurosurgery, 2018, 65, 74-77.	0.6	3
6	Gold Nanoprisms as Optical Coherence Tomography Contrast Agents in the Second Near-Infrared Window for Enhanced Angiography in Live Animals. ACS Nano, 2018, 12, 11986-11994.	7.3	52
7	Optical coherence tomography of lymphatic vessel endothelial hyaluronan receptors in vivo. , 2018, , .		0
8	A model for quantifying contrast enhancement in optical coherence tomography (OCT). , 2017, , .		0
9	Machine learning-assisted hyperspectral analysis of plasmonic contrast agent microdistribution with single-particle sensitivity and sub-cellular resolution. , 2017, , .		0
10	Multimodal assessment of SERS nanoparticle biodistribution post ingestion reveals new potential for clinical translation of Raman imaging. Biomaterials, 2017, 135, 42-52.	5.7	34
11	Photoacoustic tomography: Breathtaking whole-body imaging. Nature Biomedical Engineering, 2017, 1, .	11.6	16
12	Speckle-modulating optical coherence tomography in living mice and humans. Nature Communications, 2017, 8, 15845.	5.8	91
13	High sensitivity contrast enhanced optical coherence tomography for functional in vivo imaging. Proceedings of SPIE, 2017, , .	0.8	1
14	Spectral contrast-enhanced optical coherence tomography for improved detection of tumor microvasculature and functional imaging of lymphatic drainage. Proceedings of SPIE, 2017, , .	0.8	0
15	In Vivo Molecular Optical Coherence Tomography of Lymphatic Vessel Endothelial Hyaluronan Receptors. Scientific Reports, 2017, 7, 1086.	1.6	12
16	High-Sensitivity Contrast-Enhanced in vivo Imaging with Optical Coherence Tomography (OCT). , 2017, , .		0
17	Contrast-enhanced optical coherence tomography with picomolar sensitivity for functional in vivo imaging. Scientific Reports, 2016, 6, 23337.	1.6	79
18	Quantitative contrast-enhanced optical coherence tomography. Applied Physics Letters, 2016, 108, 023702.	1.5	22

#	ARTICLE	IF	CITATIONS
19	High-resolution contrast-enhanced optical coherence tomography in mice retinæ. Journal of Biomedical Optics, 2016, 21, 1.	1.4	20
20	A hyperspectral method to assay the microphysiological fates of nanomaterials in histological samples. ELife, 2016, 5, .	2.8	26
21	Size dependence of gold nanorod stability: the need for customized surface chemistry. Proceedings of SPIE, 2015, , .	0.8	0
22	Biofunctionalization of Large Gold Nanorods Realizes Ultrahigh-Sensitivity Optical Imaging Agents. Langmuir, 2015, 31, 12339-12347.	1.6	36
23	Top-down vs. bottom-up coarse-graining of graphene and CNTs for nanodevice simulation. , 2012, , .		0
24	A dissipative particle dynamics model of carbon nanotubes. Molecular Simulation, 2008, 34, 737-748.	0.9	44