## Orly Liba

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Speckle-modulating optical coherence tomography in living mice and humans. Nature Communications, 2017, 8, 15845.	12.8	91
2	Contrast-enhanced optical coherence tomography with picomolar sensitivity for functional in vivo imaging. Scientific Reports, 2016, 6, 23337.	3.3	79
3	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.	14.6	52
4	A dissipative particle dynamics model of carbon nanotubes. Molecular Simulation, 2008, 34, 737-748.	2.0	44
5	Biofunctionalization of Large Gold Nanorods Realizes Ultrahigh-Sensitivity Optical Imaging Agents. Langmuir, 2015, 31, 12339-12347.	3.5	36
6	Multimodal assessment of SERS nanoparticle biodistribution post ingestion reveals new potential for clinical translation of Raman imaging. Biomaterials, 2017, 135, 42-52.	11.4	34
7	A hyperspectral method to assay the microphysiological fates of nanomaterials in histological samples. ELife, 2016, 5, .	6.0	26
8	Quantitative contrast-enhanced optical coherence tomography. Applied Physics Letters, 2016, 108, 023702.	3.3	22
9	High-resolution contrast-enhanced optical coherence tomography in mice retinae. Journal of Biomedical Optics, 2016, 21, 1.	2.6	20
10	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.	14.6	18
11	Real-Time Detection of Circulating Tumor Cells in Living Animals Using Functionalized Large Gold Nanorods. Nano Letters, 2019, 19, 2334-2342.	9.1	17
12	Photoacoustic tomography: Breathtaking whole-body imaging. Nature Biomedical Engineering, 2017, 1, .	22.5	16
13	Speckle modulation enables high-resolution wide-field human brain tumor margin detection and in vivo murine neuroimaging. Scientific Reports, 2019, 9, 10388.	3.3	15
14	In Vivo Molecular Optical Coherence Tomography of Lymphatic Vessel Endothelial Hyaluronan Receptors. Scientific Reports, 2017, 7, 1086.	3.3	12
15	Intraoperative Imaging Modalities and the Potential Role of Speckle Modulating Optical Coherence Tomography. Neurosurgery, 2018, 65, 74-77.	1.1	3
16	Optimization of the Trade-Off Between Speckle Reduction and Axial Resolution in Frequency Compounding. IEEE Transactions on Medical Imaging, 2019, 38, 107-112.	8.9	3
17	High sensitivity contrast enhanced optical coherence tomography for functional in vivo imaging. Proceedings of SPIE, 2017, , .	0.8	1
18	Top-down vs. bottom-up coarse-graining of graphene and CNTs for nanodevice simulation. , 2012, , .		0

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19	Size dependence of gold nanorod stability: the need for customized surface chemistry. Proceedings of SPIE, 2015, , .	0.8	0
20	A model for quantifying contrast enhancement in optical coherence tomography (OCT). , 2017, , .		0
21	Machine learning-assisted hyperspectral analysis of plasmonic contrast agent microbiodistribution with single-particle sensitivity and sub-cellular resolution. , 2017, , .		0
22	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
23	High-Sensitivity Contrast-Enhanced in vivo Imaging with Optical Coherence Tomography (OCT). , 2017, , $\cdot$		0
24	Optical coherence tomography of lymphatic vessel endothelial hyaluronan receptors in vivo. , 2018, , .		0