

Orly Liba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9395986/publications.pdf>

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	Speckle-modulating optical coherence tomography in living mice and humans. <i>Nature Communications</i> , 2017, 8, 15845.	5.8	91
2	Contrast-enhanced optical coherence tomography with picomolar sensitivity for functional in vivo imaging. <i>Scientific Reports</i> , 2016, 6, 23337.	1.6	79
3	Gold Nanoprisms as Optical Coherence Tomography Contrast Agents in the Second Near-Infrared Window for Enhanced Angiography in Live Animals. <i>ACS Nano</i> , 2018, 12, 11986-11994.	7.3	52
4	A dissipative particle dynamics model of carbon nanotubes. <i>Molecular Simulation</i> , 2008, 34, 737-748.	0.9	44
5	Biofunctionalization of Large Gold Nanorods Realizes Ultrahigh-Sensitivity Optical Imaging Agents. <i>Langmuir</i> , 2015, 31, 12339-12347.	1.6	36
6	Multimodal assessment of SERS nanoparticle biodistribution post ingestion reveals new potential for clinical translation of Raman imaging. <i>Biomaterials</i> , 2017, 135, 42-52.	5.7	34
7	A hyperspectral method to assay the microphysiological fates of nanomaterials in histological samples. <i>ELife</i> , 2016, 5, .	2.8	26
8	Quantitative contrast-enhanced optical coherence tomography. <i>Applied Physics Letters</i> , 2016, 108, 023702.	1.5	22
9	High-resolution contrast-enhanced optical coherence tomography in mice retinæ. <i>Journal of Biomedical Optics</i> , 2016, 21, 1.	1.4	20
10	Spatiotemporal Tracking of Brain-Tumor-Associated Myeloid Cells <i>in Vivo</i> through Optical Coherence Tomography with Plasmonic Labeling and Speckle Modulation. <i>ACS Nano</i> , 2019, 13, 7985-7995.	7.3	18
11	Real-Time Detection of Circulating Tumor Cells in Living Animals Using Functionalized Large Gold Nanorods. <i>Nano Letters</i> , 2019, 19, 2334-2342.	4.5	17
12	Photoacoustic tomography: Breathtaking whole-body imaging. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	16
13	Speckle modulation enables high-resolution wide-field human brain tumor margin detection and in vivo murine neuroimaging. <i>Scientific Reports</i> , 2019, 9, 10388.	1.6	15
14	In Vivo Molecular Optical Coherence Tomography of Lymphatic Vessel Endothelial Hyaluronan Receptors. <i>Scientific Reports</i> , 2017, 7, 1086.	1.6	12
15	Intraoperative Imaging Modalities and the Potential Role of Speckle Modulating Optical Coherence Tomography. <i>Neurosurgery</i> , 2018, 65, 74-77.	0.6	3
16	Optimization of the Trade-Off Between Speckle Reduction and Axial Resolution in Frequency Compounding. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 107-112.	5.4	3
17	High sensitivity contrast enhanced optical coherence tomography for functional in vivo imaging. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
18	Top-down vs. bottom-up coarse-graining of graphene and CNTs for nanodevice simulation. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
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, , .		0
24	Optical coherence tomography of lymphatic vessel endothelial hyaluronan receptors in vivo. , 2018, , .		0