Elliott D Sorelle

List of Publications by Year
in descending order

12 papers	327 citations	1163117 8 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	679 citing authors

#	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	Biofunctionalization of Large Gold Nanorods Realizes Ultrahigh-Sensitivity Optical Imaging Agents. Langmuir, 2015, 31, 12339-12347.	3.5	36
4	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
5	A hyperspectral method to assay the microphysiological fates of nanomaterials in histological samples. ELife, 2016, 5, .	6.0	26
6	Quantitative contrast-enhanced optical coherence tomography. Applied Physics Letters, 2016, 108, 023702.	3.3	22
7	High-resolution contrast-enhanced optical coherence tomography in mice retinae. Journal of Biomedical Optics, 2016, 21, 1.	2.6	20
8	Real-Time Detection of Circulating Tumor Cells in Living Animals Using Functionalized Large Gold Nanorods. Nano Letters, 2019, 19, 2334-2342.	9.1	17
9	High sensitivity contrast enhanced optical coherence tomography for functional in vivo imaging. Proceedings of SPIE, 2017, , .	0.8	1
10	Machine learning-assisted hyperspectral analysis of plasmonic contrast agent microbiodistribution with single-particle sensitivity and sub-cellular resolution. , 2017, , .		0
11	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
12	High-Sensitivity Contrast-Enhanced in vivo Imaging with Optical Coherence Tomography (OCT). , 2017, , .		0