

# Steven Y Leigh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11487813/publications.pdf>

Version: 2024-02-01

16  
papers

284  
citations

1162367

8  
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1473754

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16  
docs citations

16  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative molecular phenotyping with topically applied SERS nanoparticles for intraoperative guidance of breast cancer lumpectomy. <i>Scientific Reports</i> , 2016, 6, 21242.	1.6	93
2	Rapid ratiometric biomarker detection with topically applied SERS nanoparticles. <i>Technology</i> , 2014, 02, 118-132.	1.4	59
3	Comprehensive spectral endoscopy of topically applied SERS nanoparticles in the rat esophagus. <i>Biomedical Optics Express</i> , 2014, 5, 2883.	1.5	39
4	Method for Assessing the Reliability of Molecular Diagnostics Based on Multiplexed SERS-Coded Nanoparticles. <i>PLoS ONE</i> , 2013, 8, e62084.	1.1	26
5	Multi-color miniature dual-axis confocal microscope for point-of-care pathology. <i>Optics Letters</i> , 2012, 37, 2430.	1.7	24
6	Microscopic Delineation of Medulloblastoma Margins in a Transgenic Mouse Model Using a Topically Applied VEGFR-1 Probe. <i>Translational Oncology</i> , 2012, 5, 408-414.	1.7	21
7	Modulated-alignment dual-axis (MAD) confocal microscopy for deep optical sectioning in tissues. <i>Biomedical Optics Express</i> , 2014, 5, 1709.	1.5	10
8	M3: Microscope-based maskless micropatterning with dry film photoresist. <i>Biomedical Microdevices</i> , 2011, 13, 375-381.	1.4	8
9	Modulated-Alignment Dual-Axis (MAD) Confocal Microscopy Optimized for Speed and Contrast. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2119-2124.	2.5	2
10	A handheld optical-sectioning device for early detection and surgical guidance. , 2015, , .		1
11	Modulated alignment dual-axis (MAD) confocal microscopy to improve tissue-imaging contrast. , 2015, , .		1
12	Rapid Multiplexed Imaging of Cell-Surface Cancer Biomarkers in Fresh Tissues with Targeted SERS Nanoparticles. , 2014, , .		0
13	Rapid multiplexed molecular phenotyping of <i>ex vivo</i> and <i>in vivo</i> tissues with targeted SERS NPs. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
14	Modulated Alignment Dual-Axis (MAD) Confocal Microscopy for Deep Optical Sectioning in Tissues. , 2014, , .		0
15	Ratiometric Quantification of SERS Nanoparticles for Molecular Endoscopy of the Rat Esophagus. , 2015, , .		0
16	Molecular imaging of topically applied SERS nanoparticles for guiding tumor resection. , 2015, , .		0