

Ye Chen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

792
citations

686830

13
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

1165
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-sheet microscopy for slide-free non-destructive pathology of large clinical specimens. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	285
2	Multi-immersion open-top light-sheet microscope for high-throughput imaging of cleared tissues. <i>Nature Communications</i> , 2019, 10, 2781.	5.8	135
3	Rapid ratiometric biomarker detection with topically applied SERS nanoparticles. <i>Technology</i> , 2014, 02, 118-132.	1.4	59
4	Rapid pathology of lumpectomy margins with open-top light-sheet (OTLS) microscopy. <i>Biomedical Optics Express</i> , 2019, 10, 1257.	1.5	51
5	Open-Top Light-Sheet Microscopy Image Atlas of Prostate Core Needle Biopsies. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 1069-1075.	1.2	44
6	Microscopy with ultraviolet surface excitation for wide-area pathology of breast surgical margins. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	40
7	Comprehensive spectral endoscopy of topically applied SERS nanoparticles in the rat esophagus. <i>Biomedical Optics Express</i> , 2014, 5, 2883.	1.5	39
8	Fractal propagation method enables realistic optical microscopy simulations in biological tissues. <i>Optica</i> , 2016, 3, 861.	4.8	30
9	Multidirectional digital scanned light-sheet microscopy enables uniform fluorescence excitation and contrast-enhanced imaging. <i>Scientific Reports</i> , 2018, 8, 13878.	1.6	22
10	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
11	Optical-sectioning microscopy of protoporphyrin IX fluorescence in human gliomas: standardization and quantitative comparison with histology. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	19
12	Characterizing the beam steering and distortion of Gaussian and Bessel beams focused in tissues with microscopic heterogeneities. <i>Biomedical Optics Express</i> , 2015, 6, 1318.	1.5	18
13	Bessel-beam illumination in dual-axis confocal microscopy mitigates resolution degradation caused by refractive heterogeneities. <i>Journal of Biophotonics</i> , 2017, 10, 68-74.	1.1	17
14	Video-rate <i>in vivo</i> fluorescence imaging with a line-scanned dual-axis confocal microscope. <i>Journal of Biomedical Optics</i> , 2015, 20, 106011.	1.4	12
15	Modulated Alignment Dual-Axis (MAD) Confocal Microscopy for Deep Optical Sectioning in Tissues. , 2014, , .		0
16	Bessel beam illumination reduces resolution degradation due to micro-architectural heterogeneities for dual-axis confocal microscopy of tissues. , 2016, , .		0