

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	Multi-immersion open-top light-sheet microscope for high-throughput imaging of cleared tissues. Nature Communications, 2019, 10, 2781.	5.8	135
2	Open-Top Light-Sheet Microscopy Image Atlas of Prostate Core Needle Biopsies. Archives of Pathology and Laboratory Medicine, 2019, 143, 1069-1075.	1.2	44
3	Microscopy with ultraviolet surface excitation for wide-area pathology of breast surgical margins. Journal of Biomedical Optics, 2019, 24, 1.	1.4	40
4	Rapid pathology of lumpectomy margins with open-top light-sheet (OTLS) microscopy. Biomedical Optics Express, 2019, 10, 1257.	1.5	51
5	Multidirectional digital scanned light-sheet microscopy enables uniform fluorescence excitation and contrast-enhanced imaging. Scientific Reports, 2018, 8, 13878.	1.6	22
6	Optical-sectioning microscopy of protoporphyrin IX fluorescence in human gliomas: standardization and quantitative comparison with histology. Journal of Biomedical Optics, 2017, 22, 1.	1.4	19
7	Light-sheet microscopy for slide-free non-destructive pathology of large clinical specimens. Nature Biomedical Engineering, 2017, 1, .	11.6	285
8	Bessel-beam illumination in dual-axis confocal microscopy mitigates resolution degradation caused by refractive heterogeneities. Journal of Biophotonics, 2017, 10, 68-74.	1.1	17
9	Bessel beam illumination reduces resolution degradation due to micro-architectural heterogeneities for dual-axis confocal microscopy of tissues. , 2016, , .		0
10	Fractal propagation method enables realistic optical microscopy simulations in biological tissues. Optica, 2016, 3, 861.	4.8	30
11	Video-rate <i>in vivo</i> fluorescence imaging with a line-scanned dual-axis confocal microscope. Journal of Biomedical Optics, 2015, 20, 106011.	1.4	12
12	Characterizing the beam steering and distortion of Gaussian and Bessel beams focused in tissues with microscopic heterogeneities. Biomedical Optics Express, 2015, 6, 1318.	1.5	18
13	Rapid ratiometric biomarker detection with topically applied SERS nanoparticles. Technology, 2014, 02, 118-132.	1.4	59
14	Comprehensive spectral endoscopy of topically applied SERS nanoparticles in the rat esophagus. Biomedical Optics Express, 2014, 5, 2883.	1.5	39
15	Modulated Alignment Dual-Axis (MAD) Confocal Microscopy for Deep Optical Sectioning in Tissues. , 2014, , .		0
16	Microscopic Delineation of Medulloblastoma Margins in a Transgenic Mouse Model Using a Topically Applied VEGFR-1 Probe. Translational Oncology, 2012, 5, 408-414.	1.7	21