

J Quincy Brown

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,838
citations

840119

11
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

4379
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary and cardiac pathology in African American patients with COVID-19: an autopsy series from New Orleans. <i>Lancet Respiratory Medicine</i> , 2020, 8, 681-686.	5.2	1,080
2	Unexpected Features of Cardiac Pathology in COVID-19 Infection. <i>Circulation</i> , 2020, 142, 1123-1125.	1.6	135
3	High-Resolution Rapid Diagnostic Imaging of Whole Prostate Biopsies Using Video-Rate Fluorescence Structured Illumination Microscopy. <i>Cancer Research</i> , 2015, 75, 4032-4041.	0.4	66
4	DRAQ5 and Eosin (â€D&Eâ€™™) as an Analog to Hematoxylin and Eosin for Rapid Fluorescence Histology of Fresh Tissues. <i>PLoS ONE</i> , 2016, 11, e0165530.	1.1	65
5	Video-rate structured illumination microscopy for high-throughput imaging of large tissue areas. <i>Biomedical Optics Express</i> , 2014, 5, 366.	1.5	51
6	Persistent Homology for the Quantitative Evaluation of Architectural Features in Prostate Cancer Histology. <i>Scientific Reports</i> , 2019, 9, 1139.	1.6	47
7	Gigapixel surface imaging of radical prostatectomy specimens for comprehensive detection of cancer-positive surgical margins using structured illumination microscopy. <i>Scientific Reports</i> , 2016, 6, 27419.	1.6	44
8	Label-free optical imaging technologies for rapid translation and use during intraoperative surgical and tumor margin assessment. <i>Journal of Biomedical Optics</i> , 2017, 23, 1.	1.4	30
9	Improved contrast in inverted selective plane illumination microscopy of thick tissues using confocal detection and structured illumination. <i>Biomedical Optics Express</i> , 2017, 8, 5546.	1.5	22
10	Comparison of visible and UVA phototoxicity in neural culture systems micropatterned with digital projection photolithography. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 134-144.	2.1	19
11	Algorithms for differentiating between images of heterogeneous tissue across fluorescence microscopes. <i>Biomedical Optics Express</i> , 2016, 7, 3412.	1.5	12
12	Nondestructive Diagnosis of Kidney Cancer on 18-gauge Core Needle Renal Biopsy Using Dual-color Fluorescence Structured Illumination Microscopy. <i>Urology</i> , 2016, 98, 195-199.	0.5	11
13	Enhanced resolution 3D digital cytology and pathology with dual-view inverted selective plane illumination microscopy. <i>Biomedical Optics Express</i> , 2019, 10, 3833.	1.5	9
14	Structured Illumination Microscopy and a Quantitative Image Analysis for the Detection of Positive Margins in a Pre-Clinical Genetically Engineered Mouse Model of Sarcoma. <i>PLoS ONE</i> , 2016, 11, e0147006.	1.1	7
15	Partial nephrectomy margin imaging using structured illumination microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201600328.	1.1	6
16	Feasibility of quantitative diffuse reflectance spectroscopy for targeted measurement of renal ischemia during laparoscopic partial nephrectomy. <i>Journal of Biomedical Optics</i> , 2014, 19, 107001.	1.4	5
17	Automated gigapixel circumferential surface microscopy of the prostate. <i>Scientific Reports</i> , 2020, 10, 131.	1.6	4
18	An approach of 3D reconstruction for images by Dual-view Inverted Selective Plane Illumination Microscopy (diSPIM)., 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Deep learning 2D and 3D optical sectioning microscopy using cross-modality Pix2Pix cGAN image translation. Biomedical Optics Express, 2021, 12, 7526.	1.5	3
20	Assessment of photoacoustic tomography contrast for breast tissue imaging using 3D correlative virtual histology. Scientific Reports, 2022, 12, 2532.	1.6	2
21	Guest Editorial Introduction to the Issue on Nanobiophotonics. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 3-5.	1.9	0