

J Quincy Brown

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

1,219
citations

12
h-index

23
g-index

23
ext. papers

1,572
ext. citations

6.1
avg, IF

5.28
L-index

#	Paper	IF	Citations
23	Assessment of photoacoustic tomography contrast for breast tissue imaging using 3D correlative virtual histology.. <i>Scientific Reports</i> , 2022 , 12, 2532	4.9	0
22	Deep learning 2D and 3D optical sectioning microscopy using cross-modality Pix2Pix cGAN image translation.. <i>Biomedical Optics Express</i> , 2021 , 12, 7526-7543	3.5	
21	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	35.1	727
20	Automated gigapixel circumferential surface microscopy of the prostate. <i>Scientific Reports</i> , 2020 , 10, 131	4.9	2
19	Unexpected Features of Cardiac Pathology in COVID-19 Infection. <i>Circulation</i> , 2020 , 142, 1123-1125	16.7	79
18	Persistent Homology for the Quantitative Evaluation of Architectural Features in Prostate Cancer Histology. <i>Scientific Reports</i> , 2019 , 9, 1139	4.9	21
17	Enhanced resolution 3D digital cytology and pathology with dual-view inverted selective plane illumination microscopy. <i>Biomedical Optics Express</i> , 2019 , 10, 3833-3846	3.5	5
16	An approach of 3D reconstruction for images by Dual-view Inverted Selective Plane Illumination Microscopy (diSPIM) 2019 ,		3
15	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	5.4	12
14	Partial nephrectomy margin imaging using structured illumination microscopy. <i>Journal of Biophotonics</i> , 2018 , 11, e201600328	3.1	4
13	Improved contrast in inverted selective plane illumination microscopy of thick tissues using confocal detection and structured illumination. <i>Biomedical Optics Express</i> , 2017 , 8, 5546-5559	3.5	13
12	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, 1-10	3.5	26
11	Guest Editorial Introduction to the Issue on Nanobiophotonics. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016 , 22, 3-5	3.8	
10	DRAQ5 and Eosin (W&E) as an Analog to Hematoxylin and Eosin for Rapid Fluorescence Histology of Fresh Tissues. <i>PLoS ONE</i> , 2016 , 11, e0165530	3.7	39
9	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	3.7	5
8	Algorithms for differentiating between images of heterogeneous tissue across fluorescence microscopes. <i>Biomedical Optics Express</i> , 2016 , 7, 3412-3424	3.5	3
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	4.9	32

6	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	1.6	6
5	High-Resolution Rapid Diagnostic Imaging of Whole Prostate Biopsies Using Video-Rate Fluorescence Structured Illumination Microscopy. <i>Cancer Research</i> , 2015 , 75, 4032-41	10.1	39
4	Video-rate structured illumination microscopy for high-throughput imaging of large tissue areas. <i>Biomedical Optics Express</i> , 2014 , 5, 366-77	3.5	32
3	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	3.5	5
2	Pulmonary and Cardiac Pathology in Covid-19: The First Autopsy Series from New Orleans		150
1	Multiscale 3-dimensional pathology findings of COVID-19 diseased lung using high-resolution cleared tissue microscopy		16