

Alexander D Corbett

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

469
citations

840776

11
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of remote focusing microscopes to magnification mismatch. <i>Journal of Microscopy</i> , 2022, 288, 95-105.	1.8	8
2	Random access parallel microscopy. <i>ELife</i> , 2021, 10, .	6.0	14
3	QUAREP&LiMi: A community&driven initiative to establish guidelines for quality assessment and reproducibility for instruments and images in light microscopy. <i>Journal of Microscopy</i> , 2021, 284, 56-73.	1.8	33
4	Towards community-driven metadata standards for light microscopy: tiered specifications extending the OME model. <i>Nature Methods</i> , 2021, 18, 1427-1440.	19.0	25
5	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. <i>IScience</i> , 2020, 23, 101334.	4.1	13
6	Spinning disk-remote focusing microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 2874.	2.9	7
7	Multi-plane remote refocusing epifluorescence microscopy to image dynamic Ca<i>2+</i> events. <i>Biomedical Optics Express</i> , 2019, 10, 5611.	2.9	2
8	Microscope calibration using laser written fluorescence. <i>Optics Express</i> , 2018, 26, 21887.	3.4	29
9	Toward multi-focal spot remote focusing two-photon microscopy for high speed imaging. , 2017, , .		0
10	Caveolae in Rabbit Ventricular Myocytes: Distribution and Dynamic Diminution after Cell&Isolation. <i>Biophysical Journal</i> , 2017, 113, 1047-1059.	0.5	49
11	Bringing the living brain into focus. <i>Nature Photonics</i> , 2015, 9, 80-82.	31.4	0
12	Optical control of excitation waves in cardiac tissue. <i>Nature Photonics</i> , 2015, 9, 813-816.	31.4	120
13	Quantifying distortions in two-photon remote focussing microscope images using a volumetric calibration specimen. <i>Frontiers in Physiology</i> , 2014, 5, 384.	2.8	15
14	Porphyryns for Probing Electrical Potential Across Lipid Bilayer Membranes by Second Harmonic Generation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9044-9048.	13.8	35
15	Fast Measurement of Sarcomere Length and Cell Orientation in Langendorff-Perfused Hearts Using Remote Focusing Microscopy. <i>Circulation Research</i> , 2013, 113, 863-870.	4.5	30
16	Probing the Orientational Distribution of Dyes in Membranes through Multiphoton Microscopy. <i>Biophysical Journal</i> , 2012, 103, 907-917.	0.5	30
17	Multi&viewer autostereoscopic display with dynamically addressable holographic backlight. <i>Journal of the Society for Information Display</i> , 2009, 17, 345-356.	2.1	4
18	Laser&based multi&user 3&D display. <i>Journal of the Society for Information Display</i> , 2008, 16, 743-753.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Designing a holographic modal wavefront sensor for the detection of static ocular aberrations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 1266.	1.5	21