

Alexander D Corbett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7968752/publications.pdf>

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	Optical control of excitation waves in cardiac tissue. <i>Nature Photonics</i> , 2015, 9, 813-816.	31.4	120
2	Caveolae in Rabbit Ventricular Myocytes: Distribution and Dynamic Diminution after Cell Isolation. <i>Biophysical Journal</i> , 2017, 113, 1047-1059.	0.5	49
3	Porphyrins 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
4	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
5	Probing the Orientational Distribution of Dyes in Membranes through Multiphoton Microscopy. <i>Biophysical Journal</i> , 2012, 103, 907-917.	0.5	30
6	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
7	Microscope calibration using laser written fluorescence. <i>Optics Express</i> , 2018, 26, 21887.	3.4	29
8	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
9	Designing a holographic modal wavefront sensor for the detection of static ocular aberrations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2007, 24, 1266.	1.5	21
10	Laser-based multi-user 3D display. <i>Journal of the Society for Information Display</i> , 2008, 16, 743-753.	2.1	19
11	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
12	Random access parallel microscopy. <i>ELife</i> , 2021, 10, .	6.0	14
13	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. <i>IScience</i> , 2020, 23, 101334.	4.1	13
14	Sensitivity of remote focusing microscopes to magnification mismatch. <i>Journal of Microscopy</i> , 2022, 288, 95-105.	1.8	8
15	Spinning disk-remote focusing microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 2874.	2.9	7
16	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
17	Multi-plane remote refocusing epifluorescence microscopy to image dynamic Ca ²⁺ events. <i>Biomedical Optics Express</i> , 2019, 10, 5611.	2.9	2
18	Bringing the living brain into focus. <i>Nature Photonics</i> , 2015, 9, 80-82.	31.4	0

#	ARTICLE	IF	CITATIONS
19	Toward multi-focal spot remote focusing two-photon microscopy for high speed imaging. , 2017, , .		0