

Aleksandra Klimas

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

438
citations

1307594
7
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1720034
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all docs

8
docs citations

8
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	OptoGap is an optogenetics-enabled assay for quantification of cell-cell coupling in multicellular cardiac tissue. <i>Scientific Reports</i> , 2021, 11, 9310.	3.3	11
2	Multimodal on-axis platform for all-optical electrophysiology with near-infrared probes in human stem-cell-derived cardiomyocytes. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 154, 62-70.	2.9	46
3	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. <i>IScience</i> , 2020, 23, 101334.	4.1	13
4	Preliminary findings on ultrasound modulation of the electromechanical function of human stem-cell-derived cardiomyocytes. , 2017, , .		1
5	OptoDyCE as an automated system for high-throughput all-optical dynamic cardiac electrophysiology. <i>Nature Communications</i> , 2016, 7, 11542.	12.8	136
6	Optical control of excitation waves in cardiac tissue. <i>Nature Photonics</i> , 2015, 9, 813-816.	31.4	120
7	Toward microendoscopy-inspired cardiac optogenetics in vivo: technical overview and perspective. <i>Journal of Biomedical Optics</i> , 2014, 19, 080701.	2.6	39
8	Cardiac applications of optogenetics. <i>Progress in Biophysics and Molecular Biology</i> , 2014, 115, 294-304.	2.9	72