

Aleksandra Klimas

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

438
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

544
citing authors

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