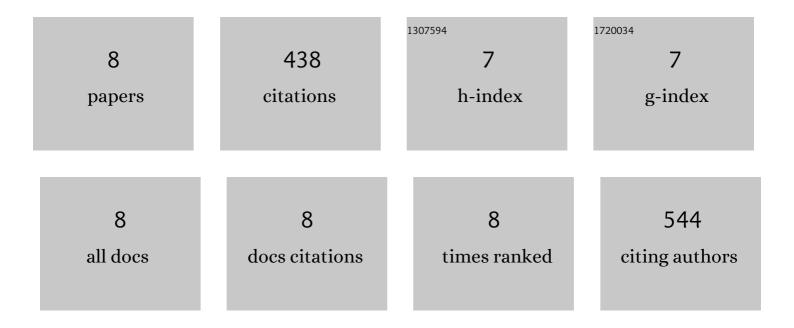
## Aleksandra Klimas

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/315037/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	OptoGap is an optogenetics-enabled assay for quantification of cell–cell coupling in multicellular cardiac tissue. Scientific Reports, 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. Progress in Biophysics and Molecular Biology, 2020, 154, 62-70.	2.9	46
3	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. IScience, 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. Nature Communications, 2016, 7, 11542.	12.8	136
6	Optical control of excitation waves in cardiac tissue. Nature Photonics, 2015, 9, 813-816.	31.4	120
7	Toward microendoscopy-inspired cardiac optogeneticsin vivo: technical overview and perspective. Journal of Biomedical Optics, 2014, 19, 080701.	2.6	39
8	Cardiac applications of optogenetics. Progress in Biophysics and Molecular Biology, 2014, 115, 294-304.	2.9	72