

Shouryadipta Ghosh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/365628/publications.pdf>

Version: 2024-02-01

8
papers

106
citations

1937685

4
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	How Does the Internal Structure of Cardiac Muscle Cells Regulate Cellular Metabolism?. <i>Microscopy and Microanalysis</i> , 2019, 25, 240-241.	0.4	0
2	An automated workflow for segmenting single adult cardiac cells from large-volume serial block-face scanning electron microscopy data. <i>Journal of Structural Biology</i> , 2018, 202, 275-285.	2.8	27
3	Creatine-Kinase Shuttle and Rapid Mitochondrial Membrane Potential Conductivity are Needed Simultaneously to Maintain Uniform Metabolite Distributions in the Cardiac Cell Contraction Cycle. <i>Biophysical Journal</i> , 2018, 114, 550a.	0.5	1
4	Insights on the impact of mitochondrial organisation on bioenergetics in high-resolution computational models of cardiac cell architecture. <i>PLoS Computational Biology</i> , 2018, 14, e1006640.	3.2	23
5	Creating a Structurally Realistic Finite Element Geometric Model of a Cardiomyocyte to Study the Role of Cellular Architecture in Cardiomyocyte Systems Biology. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3
6	Changes in mitochondrial morphology and organization can enhance energy supply from mitochondrial oxidative phosphorylation in diabetic cardiomyopathy. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C190-C197.	4.6	33
7	Effect of stiffness of micron/sub-micron electrospun fibers in cell seeding. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2289-2299.	4.0	13
8	Performance of vertically reinforced 1-3 piezo composites for active damping of smart sandwich beams. <i>Journal of Sandwich Structures and Materials</i> , 2015, 17, 258-277.	3.5	4