

# 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  
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1720034

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11  
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docs citations

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times ranked

211  
citing authors

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