

# Aswin Muralidharan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8253813/publications.pdf>

Version: 2024-02-01

10  
papers

169  
citations

1478505

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1588992

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g-index

13  
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13  
docs citations

13  
times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of an actin network in vesicles under electric pulses. Scientific Reports, 2019, 9, 8151.	3.3	43
2	Actin networks regulate the cell membrane permeability during electroporation. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183468.	2.6	36
3	Assessment of human left ventricle flow using statistical shape modelling and computational fluid dynamics. Journal of Biomechanics, 2018, 74, 116-125.	2.1	28
4	High Frame Rate Ultrasound Particle Image Velocimetry for Estimating High Velocity Flow Patterns in the Left Ventricle. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2222-2232.	3.0	21
5	Molecular Processes Leading to "Necking" in Extensional Flow of Polymer Solutions: Using Microfluidics and Single DNA Imaging. Macromolecules, 2016, 49, 9578-9585.	4.8	20
6	DNA translocation to giant unilamellar vesicles during electroporation is independent of DNA size. Soft Matter, 2019, 15, 9187-9194.	2.7	8
7	Microtrap array on a chip for localized electroporation and electro-gene transfection. Bioelectrochemistry, 2022, 147, 108197.	4.6	6
8	A Programmable Multifunctional 3D Cancer Cell Invasion Micro Platform. Small, 2022, 18, e2107757.	10.0	4
9	Notice of Removal: Validation of high frame rate echo-PIV with optical PIV in a realistic left ventricular phantom. , 2017, , .		0
10	A Programmable Multifunctional 3D Cancer Cell Invasion Micro Platform (Small 20/2022). Small, 2022, 18, .	10.0	0