

# 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

6  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

223  
citing authors

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