

# Arian Aghilinejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/110770/publications.pdf>

Version: 2024-02-01

10  
papers

252  
citations

1307594

7  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

231  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Accuracy and applicability of non-invasive evaluation of aortic wave intensity using only pressure waveforms in humans. <i>Physiological Measurement</i> , 2021, 42, 105003.                       | 2.1 | 8         |
| 2  | On the accuracy of displacement-based wave intensity analysis: Effect of vessel wall viscoelasticity and nonlinearity. <i>PLoS ONE</i> , 2019, 14, e0224390.                                       | 2.5 | 16        |
| 3  | On the transport of particles/cells in high-throughput deterministic lateral displacement devices: Implications for circulating tumor cell separation. <i>Biomicrofluidics</i> , 2019, 13, 034112. | 2.4 | 33        |
| 4  | On the design of deterministic dielectrophoresis for continuous separation of circulating tumor cells from peripheral blood cells. <i>Electrophoresis</i> , 2019, 40, 1486-1493.                   | 2.4 | 67        |
| 5  | Enhancing the Cell Viability in High Throughput Deterministic Lateral Displacement Separation of Circulating Tumor Cells. , 2019, , .  |     | 1         |
| 6  | Effects of electrothermal vortices on insulator-based dielectrophoresis for circulating tumor cell separation. <i>Electrophoresis</i> , 2018, 39, 869-877.   | 2.4 | 46        |
| 7  | Vortex-free high-Reynolds deterministic lateral displacement (DLD) via airfoil pillars. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.   | 2.2 | 27        |
| 8  | Deterministic lateral displacement (DLD) in the high Reynolds number regime: high-throughput and dynamic separation characteristics. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.          | 2.2 | 42        |
| 9  | Numerical study of insulator-based dielectrophoresis method for circulating tumor cell separation. <i>Proceedings of SPIE</i> , 2017, , .  | 0.8 | 10        |
| 10 | Numerical Study of Joule Heating Effect on Dielectrophoresis-Based Circulating Tumor Cell Separation. , 2017, , .  |     | 2         |