

# Alireza Azarbadegan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11432652/publications.pdf>

Version: 2024-02-01

7  
papers

112  
citations

1937685

4  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

123  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Evaluation of flow characteristics that give higher mixing performance in the 3-D T-mixer versus the typical T-mixer. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 1209-1219. | 7.8 | 57        |
| 2 | Analytical Model of Valveless Micropumps. <i>Journal of Microelectromechanical Systems</i> , 2009, 18, 878-883.  | 2.5 | 20        |
| 3 | An integrated silicon sensor with microfluidic chip for monitoring potassium and pH. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 1119-1125.                                      | 2.2 | 16        |
| 4 | High-Strouhal-number pulsatile flow in a curved pipe. <i>Journal of Fluid Mechanics</i> , 2021, 923, .   | 3.4 | 7         |
| 5 | Combination Rules for Multichamber Valveless Micropumps. <i>Journal of Microelectromechanical Systems</i> , 2013, 22, 1133-1139.   | 2.5 | 5         |
| 6 | Acoustics and vibrations in a complex piping network with pump startup and shutdown transients. <i>International Journal of Mechanical Sciences</i> , 2022, 227, 107357.               | 6.7 | 4         |
| 7 | Acoustics interaction in a complex piping network with multiple pulsatile sources. <i>Journal of Sound and Vibration</i> , 2022, 528, 116863.  | 3.9 | 3         |