

# Alan Renaudin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11364206/publications.pdf>

Version: 2024-02-01

7  
papers

182  
citations

1937685

4  
h-index

2053705

5  
g-index

7  
all docs

7  
docs citations

7  
times ranked

258  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Integrated active mixing and biosensing using surface acoustic waves (SAW) and surface plasmon resonance (SPR) on a common substrate. Lab on A Chip, 2010, 10, 111-115. | 6.0 | 69        |
| 2 | Monitoring SAW-actuated microdroplets in view of biological applications. Sensors and Actuators B: Chemical, 2009, 138, 374-382.  | 7.8 | 38        |
| 3 | Surface acoustic wave two-dimensional transport and location of microdroplets using echo signal. Journal of Applied Physics, 2006, 100, 116101.                         | 2.5 | 36        |
| 4 | Cell detachment and label-free cell sorting using modulated surface acoustic waves (SAWs) in droplet-based microfluidics. Lab on A Chip, 2014, 14, 3556.                | 6.0 | 35        |
| 5 | Accelerated binding kinetics by surface acoustic waves (SAW) micromixing in surface plasmon resonance (SPR) system for biodetection. , 2011, , .                        |     | 2         |
| 6 | Removal of living cells from biosensing surfaces in droplet-based microfluidics using surface acoustic waves. Proceedings of Meetings on Acoustics, 2013, , .           | 0.3 | 2         |
| 7 | Accelerated surface plasmon resonance biosensing by surface acoustic waves microstreaming. , 2011, , .  |     | 0         |