

# Litao Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10718877/publications.pdf>

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1307594  
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324  
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| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Wall-induced lateral migration in particle electrophoresis through a rectangular microchannel. Journal of Colloid and Interface Science, 2010, 347, 142-146. | 9.4 | 74        |
| 2 | Diamagnetic particle focusing using ferromicrofluidics with a single magnet. Microfluidics and Nanofluidics, 2012, 13, 637-643.                              | 2.2 | 62        |
| 3 | Enhanced separation of magnetic and diamagnetic particles in a dilute ferrofluid. Applied Physics Letters, 2013, 102, .                                      | 3.3 | 60        |
| 4 | Three-dimensional diamagnetic particle deflection in ferrofluid microchannel flows. Biomicrofluidics, 2011, 5, 34110-3411013.                                | 2.4 | 55        |
| 5 | On-chip manipulation of nonmagnetic particles in paramagnetic solutions using embedded permanent magnets. Microfluidics and Nanofluidics, 2012, 12, 65-73.   | 2.2 | 55        |
| 6 | Three-dimensional electrokinetic particle focusing in a rectangular microchannel. Journal of Colloid and Interface Science, 2010, 350, 377-379.              | 9.4 | 41        |
| 7 | Continuous sheath-free magnetic separation of particles in a U-shaped microchannel. Biomicrofluidics, 2012, 6, 44106.  | 2.4 | 40        |