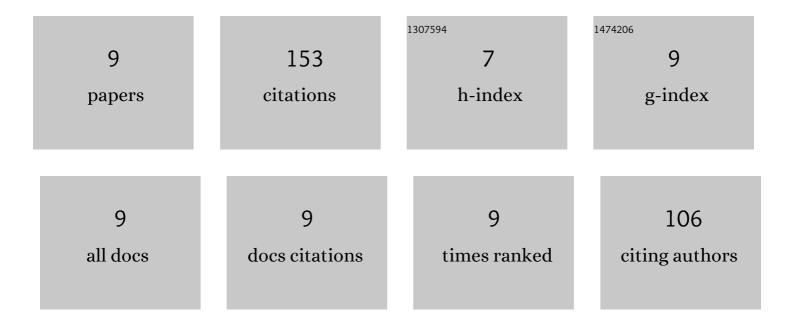
## Amirreza Malekanfard

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3401261/publications.pdf Version: 2024-02-01



| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Electroosmotic flow of nonâ€Newtonian fluids in a constriction microchannel. Electrophoresis, 2019,<br>40, 1387-1394.   | 2.4 | 40        |
| 2 | Tunable, Sheathless Focusing of Diamagnetic Particles in Ferrofluid Microflows with a Single Set of<br>Overhead Permanent Magnets. Analytical Chemistry, 2018, 90, 8600-8606. | 6.5 | 30        |
| 3 | AC Insulator-Based Dielectrophoretic Focusing of Particles and Cells in an "Infinite―Microchannel.<br>Analytical Chemistry, 2021, 93, 5947-5953.                              | 6.5 | 20        |
| 4 | Experimental study of particle electrophoresis in shear-thinning fluids. Physics of Fluids, 2019, 31, .   | 4.0 | 15        |
| 5 | Passive Dielectrophoretic Focusing of Particles and Cells in Ratchet Microchannels. Micromachines, 2020, 11, 451.   | 2.9 | 15        |
| 6 | Insulatorâ€based dielectrophoretic focusing and trapping of particles in nonâ€Newtonian fluids.<br>Electrophoresis, 2021, 42, 2154-2161.                                      | 2.4 | 15        |
| 7 | Joule heatingâ€enabled electrothermal enrichment of nanoparticles in insulatorâ€based<br>dielectrophoretic microdevices. Electrophoresis, 2021, 42, 626-634.                  | 2.4 | 9         |
| 8 | Analytical Guidelines for Designing Curvature-Induced Dielectrophoretic Particle Manipulation Systems. Micromachines, 2020, 11, 707.  | 2.9 | 6         |
| 9 | Interplay of induced charge electroosmosis and electrothermal flow in insulator-based<br>dielectrophoresis. Physical Review Fluids, 2021, 6, .                                | 2.5 | 3         |