

CITATION REPORT

List of articles citing

Analysis of self-electrophoretic motion of a spherical particle in a nanotube: effect of nonuniform surface charge density

DOI: 10.1021/la703924w
Langmuir, 2008, 24, 4778-84.

Source: <https://exaly.com/paper-pdf/44325446/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
38	Effect of linear surface-charge non-uniformities on the electrokinetic ionic-current rectification in conical nanopores. <i>Journal of Colloid and Interface Science</i> , 2009 , 329, 376-83	9.3	35
37	dc electrokinetic transport of cylindrical cells in straight microchannels. <i>Biomicrofluidics</i> , 2009 , 3, 44110	3.2	51
36	DC electrokinetic particle transport in an L-shaped microchannel. <i>Langmuir</i> , 2010 , 26, 2937-44	4	65
35	The Effect of Axial Concentration Gradient on Electrophoretic Motion of a Charged Spherical Particle in a Nanopore. <i>Microgravity Science and Technology</i> , 2010 , 22, 329-338	1.6	23
34	Diffusiophoresis of an elongated cylindrical nanoparticle along the axis of a nanopore. <i>ChemPhysChem</i> , 2010 , 11, 3281-90	3.2	42
33	Manipulating particles in microfluidics by floating electrodes. <i>Electrophoresis</i> , 2010 , 31, 3711-8	3.6	29
32	Wall-induced lateral migration in particle electrophoresis through a rectangular microchannel. <i>Journal of Colloid and Interface Science</i> , 2010 , 347, 142-6	9.3	56
31	Dielectrophoretic choking phenomenon in a converging-diverging microchannel. <i>Biomicrofluidics</i> , 2010 , 4, 13201	3.2	42
30	Electrodifusiophoretic motion of a charged spherical particle in a nanopore. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4082-93	3.4	34
29	Diffusiophoretic motion of a charged spherical particle in a nanopore. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6437-46	3.4	20
28	Effects of Electroosmotic Flow on Ionic Current Rectification in Conical Nanopores. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 3883-3890	3.8	139
27	Field effect regulation of DNA translocation through a nanopore. <i>Analytical Chemistry</i> , 2010 , 82, 8217-25	7.8	93
26	Diffusiophoresis of a Nonuniformly Charged Sphere in a Narrow Cylindrical Pore. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 12592-12603	3.8	2
25	Polarization Effect of a Dielectric Membrane on the Ionic Current Rectification in a Conical Nanopore. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 24951-24959	3.8	26
24	Electrokinetic particle translocation through a nanopore. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 4060-71	3.6	61
23	Electrophoretic motion of a soft spherical particle in a nanopore. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 165-74	6	32
22	Direct numerical simulation of electrokinetic translocation of a cylindrical particle through a nanopore using a Poisson-Boltzmann approach. <i>Electrophoresis</i> , 2011 , 32, 996-1005	3.6	25

21	Electrokinetic particle translocation through a nanopore containing a floating electrode. <i>Electrophoresis</i> , 2011 , 32, 1864-74	3.6	27
20	Electrophoretic motion of a nanorod along the axis of a nanopore under a salt gradient. <i>Journal of Colloid and Interface Science</i> , 2011 , 356, 331-40	9.3	9
19	On-demand particle enrichment in a microfluidic channel by a locally controlled floating electrode. <i>Sensors and Actuators B: Chemical</i> , 2011 , 153, 277-283	8.5	14
18	Diffusiophoresis of a nonuniformly charged sphere in an electrolyte solution. <i>Journal of Chemical Physics</i> , 2011 , 134, 064708	3.9	9
17	Field Effect Control of DNA Translocation through a Nanopore. <i>Surfactant Science</i> , 2012 , 307-338		
16	Electrokinetic Particle Translocation through a Nanopore Containing a Floating Electrode. <i>Surfactant Science</i> , 2012 , 339-364		
15	Transient Electrokinetic Motion of a Circular Particle in a Microchannel. <i>Surfactant Science</i> , 2012 , 53-121		
14	Electrokinetic Translocation of a Cylindrical Particle through a Nanopore. <i>Surfactant Science</i> , 2012 , 229-265		
13	Electrokinetic Translocation of a Cylindrical Particle through a Nanopore. <i>Surfactant Science</i> , 2012 , 267-305		
12	Slowing down DNA translocation through a nanopore by lowering fluid temperature. <i>Electrophoresis</i> , 2012 , 33, 3458-65	3.6	24
11	Electrokinetic motion of a rectangular nanoparticle in a nanochannel. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	12
10	Nonlinear, electrocatalytic swimming in the presence of salt. <i>Journal of Chemical Physics</i> , 2012 , 136, 214507	5.7	48
9	Field effect control of electrokinetic transport in micro/nanofluidics. <i>Sensors and Actuators B: Chemical</i> , 2012 , 161, 1150-1167	8.5	39
8	Effects of synthesis parameters on carbon nanotubes manufactured by template-based chemical vapor deposition. <i>Carbon</i> , 2014 , 80, 28-39	10.4	28
7	Influence of electroosmotic flow on the ionic current rectification in a pH-regulated, conical nanopore. <i>Nanoscale</i> , 2015 , 7, 14023-31	7.7	43
6	Moving charged particles in lattice Boltzmann-based electrokinetics. <i>Journal of Chemical Physics</i> , 2016 , 145, 214102	3.9	17
5	Disintegrating polymer multilayers to jump-start colloidal micromotors. <i>Nanoscale</i> , 2019 , 11, 733-741	7.7	10
4	The effects of electrostatic correlations on the ionic current rectification in conical nanopores. <i>Electrophoresis</i> , 2019 , 40, 2655-2661	3.6	3

- 3 Detection and Separation of Single-Stranded DNA Fragments Using Solid-State Nanopores. *Journal of Physical Chemistry Letters*, **2021**, 12, 6469-6477 6.4 2
- 2 Field Effect Control of Ion, Fluid, and Particle Transport in Micro/Nanofluidics. 2688-2704
- 1 Nonequilibrium Dynamics of Transient Autoelectrophoresis and Effect of Surface Heterogeneity. **2023**, 127, 2034-2043 0