Polarization of Nanorods Submerged in an Electrolyte S Electrical Field

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Citation Report

#	Article	IF	Citations
1	Electric-field-induced polarization and interactions of uncharged colloids in salt solutions. European Physical Journal E, 2010, 33, 51-68.	0.7	31
2	On the effect of hydrodynamic slip on the polarization of a nonconducting spherical particle in an alternating electric field. Physics of Fluids, 2010, 22, .	1.6	19
3	Doubleâ€layer polarization of a nonâ€conducting particle in an alternating current field with applications to dielectrophoresis. Electrophoresis, 2011, 32, 2232-2244.	1.3	39
4	Role of hydrodynamic behavior of DNA molecules in dielectrophoretic polarization under the action of an electric field. Physical Review E, 2011, 84, 021910.	0.8	11
5	Antibiotic susceptibility test based on the dielectrophoretic behavior of elongated Escherichia coli with cephalexin treatment. Biomicrofluidics, 2011, 5, 21102.	1.2	26
6	Tuning direct current streaming dielectrophoresis of proteins. Biomicrofluidics, 2012, 6, 34108.	1.2	39
7	Electrokinetics of concentrated suspensions of spheroidal hematite nanoparticles. Soft Matter, 2012, 8, 3596.	1.2	16
8	Screening of Antibiotic Susceptibility to Î²-Lactam-Induced Elongation of Gram-Negative Bacteria Based on Dielectrophoresis. Analytical Chemistry, 2012, 84, 3347-3354.	3.2	46
9	Dielectrophoresis of lambdaâ€DNA using 3D carbon electrodes. Electrophoresis, 2013, 34, 1113-1122.	1.3	62
10	Computer simulations of charged colloids in alternating electric fields. European Physical Journal: Special Topics, 2013, 222, 2911-2922.	1.2	14
11	Hot embossed polyethylene through-hole chips for bead-based microfluidicdevices. Biosensors and Bioelectronics, 2013, 42, 653-660.	5.3	19
12	Six-Helix Bundle and Triangle DNA Origami Insulator-Based Dielectrophoresis. Analytical Chemistry, 2013, 85, 11427-11434.	3.2	29
13	Polarizability of Six-Helix Bundle and Triangle DNA Origami and Their Escape Characteristics from a Dielectrophoretic Trap. Analytical Chemistry, 2015, 87, 12059-12064.	3.2	9
14	Insulator-based dielectrophoresis with Î²-galactosidase in nanostructured devices. Analyst, The, 2015, 140, 860-868.	1.7	45
15	Protein dielectrophoresis and the link to dielectric properties. Bioanalysis, 2015, 7, 353-371.	0.6	22
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17	On the Impact of Electrostatic Correlations on the Double-Layer Polarization of a Spherical Particle in an Alternating Current Field. Langmuir, 2018, 34, 5592-5599.	1.6	8
18	Measuring Nanoparticle Polarizability Using Fluorescence Microscopy. Nano Letters, 2019, 19, 5762-5768.	4.5	18

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19	Dielectrophoresis: From Molecular to Micrometer-Scale Analytes. Analytical Chemistry, 2019, 91, 277-295.	3.2	85