



Electrokinetics in Micro-/nanofluidic Devices

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Message from the Guest Editor

Since soil scientists discovered electroosmosis and electrophoresis in packed soil under a DC electric field 200 years ago, electrokinetics has been actively studied and has provided a firm basis of splendid advancements for biomedical, environmental and energy applications. With the recent aid of micro-/nano-fabrication technologies, a number of new electrokinetic phenomena have been demonstrated using micro-/nano-fluidic platforms and directly applied for a new process that has never been achieved. This Special Issue will focus on the recent advancements of new electrokinetic phenomena in micro-/nano-fluidic devices, including fundamentals, various applications and fabrication technologies by soliciting showcase research papers, short communications, and perspective review articles. The main idea is to stimulate the community and to provide a unique collection of insightful works.

