

Chip design for microfluidic bioimpedance measurement

Giannitsis, Athanasios; Cahill, Brian; **Land, Raul**; Gastrock, Gunter; Pliquett, Uwe; Nacke, T.; **Min, Mart**; Beckmann, Dieter
Tagungsband : Technische Systeme für die Lebenswissenschaften : 14.Heiligenstädter Kolloquium : Heiligenstadt (Germany), 22.9-24.9.2008 2008 / p. 423-432

Comparison of rectangular wave excitations in broad band impedance spectroscopy for microfluidic applications

Min, Mart; Giannitsis, Athanasios; **Land, Raul**; Cahill, Brian; Pliquett, Uwe; Nacke, T.; Frense, Dieter; Gastrock, Gunter; Beckmann, Dieter
World Congress on Medical Physics and Biomedical Engineering : September 7-12, 2009, Munich, Germany 2009 / p. 85-88
https://link.springer.com/chapter/10.1007/978-3-642-03885-3_24

Contactless sensing of the conductivity of aqueous droplets in segmented flow

Cahill, Brian; **Land, Raul**; Nacke, T.; **Min, Mart**; Beckmann, Dieter
Sensors and actuators B : chemical 2011 / p. 286-293 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0925400511006368>

Electrowetting as a tool for droplet actuation : electrode design and simulation

Giannitsis, Athanasios; Cahill, Brian; **Land, Raul**; Gastrock, G.; Pliquett, Uwe; Nacke, T.; **Min, Mart**; Beckmann, Dieter
Tagungsband : Technische Systeme für die Lebenswissenschaften : 14.Heiligenstädter Kolloquium : Heiligenstadt (Germany), 22.9-24.9.2008 2008 / p. 433-442

Improving coplanar electrodes for moving water droplets

Giannitsis, Athanasios; Cahill, Brian; Pliquett, Uwe; Gastrock, Gunter; **Land, Raul**; Nacke, T.; **Min, Mart**; Beckmann, Dieter
Proceedings of the 1st European Conference on Microfluidics - Microfluidics 2008 : Bologna, Italy December 10-12, 2008 2008 / [10]
p https://www.academia.edu/26174470/Improving_coplanar_electrodes_for_moving_water_droplets

Reversible electrowetting on silanized silicon nitride

Cahill, Brian; Giannitsis, Athanasios; **Land, Raul**; Gastrock, Gunter; Pliquett, Uwe; Frense, Dieter; **Min, Mart**; Beckmann, Dieter
Sensors and actuators B. Chemical 2010 / p. 380-386 : ill <https://www.sciencedirect.com/science/article/pii/S092540050800885X>