1. Record Nr. UNINA9910163312503321

Autore	Wells H.G
Titolo	The War in the Air : Advertising is legalized lying
Pubbl/distr/stampa	London : , : Copyright Group, , 2016 ©2016
ISBN	9781785435416 1785435418
Edizione	[1st ed.]
Descrizione fisica	1 online resource (176 pages)
Disciplina	823.91200000000003
Soggetti	Air warfare Science fiction, English
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910346780503321

Autore	Kim Seoung-Eun
Titolo	Konzeption und prototypische Fertigung einer nicht-invasiven mikrofluidischen Plattform fur die Elektrophysiologie (NIMEP) zur Zellenanalyse
Pubbl/distr/stampa	KIT Scientific Publishing, 2015
ISBN	1-000-04687-7
Descrizione fisica	1 online resource (XVII, 171 p. p.)
Collana	Schriften des Instituts für Mikrostrukturtechnik am Karlsruher Institut für Technologie / Hrsg.: Institut für Mikrostrukturtechnik
Soggetti	Technology: general issues
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The most commonly used measurement technique for electrophysiology is the patch clamp technique. While this measurement technique allows the precise investigation of the communication taking place through ion channels, it has some undesirable drawbacks such as the local destruction of the plasma membrane, a low success rate and an elaborate experimental procedure. To avoid these drawbacks, in this work a new non-invasive microfluidic platform for electrophysiological research (NIMEP) was developed with regard to the activity of ion channels. This novel approach is based on the non-invasive measurement of the total current through the cell membrane and provides a possibility for an automated investigation of the individual cells. In addition, the investigated cell can be used for other applications, since the cell remains in an intact state before and after the test.