

1. Record Nr.	UNINA9910347047303321
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Titolo	Micro- and Nanostructured Microfluidic Devices for Localized Protein Immobilization and Other Biomedical Applications
Pubbl/distr/stampa	KIT Scientific Publishing, 2014
ISBN	1000044095
Descrizione fisica	1 electronic resource (IX, 138 p. p.)
Collana	Schriften des Instituts für Mikrostrukturtechnik am Karlsruher Institut für Technologie / Hrsg.: Institut für Mikrostrukturtechnik
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	A new immobilization method for the localized adsorption of proteins on thermoplastic surfaces is introduced. Artificial three-phase interfaces were realized by surface structuring to control the wetting behavior which lead to a preferred adsorption in these modified areas. Additionally, different fabrication methods were analyzed to determine mass fabrication capabilities. These fabrication methods also allowed the production of fully structured microchannels to tune the fluids behavior within.