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Author Gunnar Dunér		
Title (English) Molecular functionalization of QCM sensor surfaces		
Title (Swedish)		
Abstract <p>An iniferter photopolymerization method was applied to QCM sensor surfaces to create 3D polymer matrices, detected by QCM and independently verified. The pK_a of an acidic gel was determined and BSA immobilized to acidic gels. Conclusions are that the pH of the protein buffer should not be too close to the pK_a of the matrix since it gives poor reproducibility, less electrostatic interaction with the protein and sub-optimal steric availability.</p>		
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