

### **A new strategy for the preparation of maleimide-functionalised gold surfaces**

Zhang, Xin; Sun, Guoguang; Hovestädt, Marc; **Sörtski, Vitali**; Esser, Norbert; Volkmer, Rudolf; Janietz, Silvia; Rappich, Jörg; Hinrichs, Karsten Electrochemistry communications 2010 / 10, p. 1403-1406 : ill <https://www.sciencedirect.com/science/article/pii/S1388248110003395>

### **Electrochemical functionalization of gold and silicon surfaces by a maleimide group as a biosensor for immunological application**

Zhang, Xin; **Tretjakov, Aleksei**; Hovestädt, Marc; Sun, Guoguang; **Sörtski, Vitali**; **Reut, Jekaterina**; Volkmer, Rudolf; Hinrichs, Karsten; Rappich, Jörg Acta biomaterialia 2013 / p. 5838-5844 : ill <https://doi.org/10.1016/j.actbio.2012.10.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of the silicon/polypyrrole interface by pulsed photoluminescence and IR spectroscopic ellipsometry during electrochemical deposition**

Zhang, Xin; **Sörtski, Vitali**; Sun, Guoguang; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced technologies 2013 / p. 171

### **Maleimide functionalized silicon surfaces for biosensing investigated by in-situ IRSE and EQCM**

Kanyong, Prosper; Sun, Guoguang; Rösicke, Felix; **Sörtski, Vitali**; Panne, Ulrich; Hinrichs, Karsten; Rappich, Jörg Electrochemistry communications 2015 / p. 103-107 : ill <https://doi.org/10.1016/j.elecom.2014.12.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)