

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](#)

Electrochemical reduction of aryl diazonium salts for ultrathin polymeric layers on au and Si surfaces

Zhang, Xin; **Sörtski, Vitali**; **Reut, Jekaterina** *Baltic Polymer Symposium 2013* : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 29 : ill

Influence of the para-substituent of benzene diazonium salts and the solvent on the film growth during electrochemical reduction

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<https://doi.org/10.1515/zpch-2014-0450> [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