

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

Zhang, Xin; Sun, Guoguang; Hovestädt, Marc; **Sõrtski, Vitali**; Esser, Norbert; Volkmer, Rudolf; Janietz, Silvia; Rappich, Jörg; Hinrichs, Karsten Electrochemistry communications 2010 / 10, p. 1403-1406 : ill

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Electrochemical deposition of thin polypyrrole films on silicon substrates

Intelmann, Carl Matthias; **Sõrtski, Vitali**; Tsankov, Dimiter; Hinrichs, Karsten; Rappich, Jörg 5th ISE Spring Meeting : Dublin (Ireland), 01.-04.05.07 2007 / ? p

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; **Sõrtski, Vitali**; **Reut, Jekaterina**; Volkmer, Rudolf; Hinrichs, Karsten; Rappich, Jörg Acta biomaterialia 2013 / p. 5838-5844 : ill

Electrochemically deposited ultrathin polypyrrole films on silicon

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

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

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Micropatterned surface imprinted PEDOT films for selective protein recognition

Sõrtski, Vitali; Kaev, Jevgeni; **Reut, Jekaterina**; **Öpik, Andres**; Gyurcsanyi, Robert E.; Rappich, Jörg 60th Annual Meeting of the International Society of Electrochemistry : Beijing, China, 16-21 August, 2009 2009 / ? p

Molecularly imprinted co-polymer for class-selective electrochemical detection of macrolide antibiotics in aqueous media

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Molecularly imprinted poly (3,4-ethylenedioxythiophene) on micro-patterned substrates

Kaev, Jevgeni; **Sõrtski, Vitali**; **Reut, Jekaterina**; Rappich, Jörg; **Öpik, Andres** Book of abstracts of Baltic Polymer Symposium 2009 : Ventspils, Latvia, 22-25 September, 2009 2009 / ? p

Molecularly imprinted polymer integrated with a Surface Acoustic Wave technique for detection of sulfamethizole

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Molecularly imprinted polymer-based electrochemical sensor for the detection of azoxystrobin in aqueous media

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Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection

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Molekulaarselt jälgendatud polü(3,4-etüleendioksütofeeni) mikrostruktuuride valmistamine mikrokiipidel

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Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application

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Preparation of a surface-grafted protein-selective polymer film by combined use of controlled/living radical photopolymerization and microcontact imprinting

Kidakova, Anna; **Reut, Jekaterina**; Rappich, Jörg; **Öpik, Andres**; **Sõrtski, Vitali** Reactive and functional polymers 2018 / p. 47-56 <https://doi.org/10.1016/j.reactfunctpolym.2018.02.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Recombination behaviour at the ultra-thin polypyrrole film

Intelmann, Carl Matthias; Hinrichs, Karsten; **Sõrtski, Vitali**; Yang, Florent; Rappich, Jörg EM-Nano 2007 International Symposium on Organic and Inorganic Electronic Materials and Related Nanotechnologies : Nagano (Japan), 19.-22.06.2007 2007

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Selective artificial receptors based on micropatterned surface-imprinted polymers for label-free detection of proteins by SPR imaging

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Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors

Sõrtski, Vitali; Lautner, G.; **Kaev, Jevgeni; Reut, Jekaterina; Menaker, Anna; Öpik, Andres**; Gyurcsanyi, Robert E.; Rappich, Jörg 43rd IUPAC World Chemistry Congress : San Juan, Puerto Rico, July 31st-August 5th : program and abstracts 2011 / p. 362

Ultrathin polypyrrole films on silicon substrates

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