A new strategy for the preparation of maleimide-functionalised gold surfaces
Zhang, Xin; Sun, Guoguang; Hovestädt, Marc; **Sõritski, 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 deposition of thin polypyrrole films on silicon substrates
Intelmann, Carl Matthias; **Sõritski, 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; **Sõritski, 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

Electrochemically deposited ultrathin polypyrrole films on silicon
Intelmann, Carl Matthias; **Sõritski, Vitali**; Tsankov, Dimiter; Hinrichs, Karsten; Rappich, Jörg GDCh (German Chemical Society) - YoungChemists : Spring Symposium 2007 : Chemnitz (Germany), 22.-24.03.07 2007 / ? p

Investigation of the silicon/polypyrrole interface by pulsed photoluminescence and IR spectroscopic ellipsometry during electrochemical deposition
Zhang, Xin; **Sõritski, 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; **Sõritski, 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

Micropatterned surface imprinted PEDOT films for selective protein recognition
Sõritski, 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
Nguyen, Vu Bao Chau; **Ayankojo, Akinrinade George**; **Reut, Jekaterina**; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Sõritski, Vitali** Sensors and actuators B : chemical 2023 / art. 132768, 9 p. : ill https://doi.org/10.1016/j.snb.2022.132768 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted poly (3,4-ethylenedioxythiophene) on micro-patterned substrates
Kaev, Jevgeni; **Sõritski, 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
Ayankojo, Akinrinade George; **Tretjakov, Aleksei**; **Reut, Jekaterina**; **Boroznjak, Roman**; **Öpik, Andres**; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Sõritski, Vitali** Analytical chemistry 2016 / p. 1476-1484 : ill
https://doi.org/10.1021/acs.analchem.5b04735 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted polymer-based electrochemical sensor for the detection of azoxystrobin in aqueous media
Nguyen, Vu Bao Chau; **Reut, Jekaterina**; Rappich, Jörg; Hinrichs, Karsten; **Sõritski, Vitali** Polymers 2024 / art. 1394
https://doi.org/10.3390/polym16101394 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection
Tretjakov, Aleksei; **Sõritski, Vitali**; **Reut, Jekaterina**; **Zhang, Y.**; **Öpik, Andres**; **Hinrichs, Karsten**; Rappich, Jörg Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 41

Molekulaarselt jäljendatud polü(3,4-etüleendioksütiofeeni) mikrostruktuuride valmistamine mikrokiipidel
Kaev, Jevgeni; **Tretjakov, Aleksei**; Lautner, G.; **Reut, Jekaterina**; **Sõritski, Vitali**; **Öpik, Andres**; Gyurcsanyi, Robert E.; Rappich, Jörg XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 32

Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application
Sõritski, Vitali; **Reut, Jekaterina**; **Tretjakov, Aleksei**; **Öpik, Andres**; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced technologies 2013 / p. 153

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**; **Sõritski, 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; **Sõritski, 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

Recombination behaviour at the ultra-thin polypyrrole film/silicon interface investigated by in-situ pulsed photoluminescence
Intelmann, Carl Matthias; Hinrichs, Karsten; **Sõritski, Vitali**; Yang, Florent; Rappich, Jörg Japanese journal of applied physics 2008 / 2, p. 554-557 https://iopscience.iop.org/article/10.1143/JJAP.47.554

Selective artificial receptors based on micropatterned surface-imprinted polymers for label-free detection of proteins by SPR imaging
Lautner, G.; **Kaev, Jevgeni**; **Reut, Jekaterina**; **Öpik, Andres**; Rappich, Jörg; **Sõritski, Vitali**; Gyurcsanyi, Robert E. Advanced functional materials 2011 / p. 591-597 : ill
https://www.researchgate.net/publication/229918247_Selective_Artificial_Receptors_Based_on_Micropatterned_Surface-Imprinted_Polymers_for_Label-Free_Detection_of_Proteins_by_SPR_Imaging

Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors
Sõritski, 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
Intelmann, Carl Matthias; **Sõritski, Vitali**; Tsankov, Dimiter; Hinrichs, Karsten; Rappich, Jörg Electrochimica acta 2008 / 11, p. 4046-4050 : ill