

### **Covalent surface imprinting strategy of electrosynthesized PEDOT films for protein recognition**

**Kaev, Jevgeni; Reut, Jekaterina; Sõritski, Vitali;** Gyurcsanyi, Robert E.; **Öpik, Andres** The 61st Annual Meeting of the International Society of Electrochemistry : Nice (France), September 26 - October 1, 2010 / p. S13-P-044

### **Development of a strategy for preparation of protein surface imprinted electrosynthesized conducting polymer thin films**

**Kaev, Jevgeni; Treťjakov, Aleksei; Reut, Jekaterina; Sõritski, Vitali;** Gyurcsanyi, Robert E.; **Öpik, Andres** Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 138

### **Electrosynthesized molecularly imprinted polypyrrole films for enantioselective recognition of L-aspartic acid**

**Sõritski, Vitali; Reut, Jekaterina; Menaker, Anna;** Gyurcsanyi, Robert E.; **Öpik, Andres** Electrochimica acta 2008 / 6, p. 2729-2736 : ill <https://www.sciencedirect.com/science/article/pii/S0013468607012947>

### **Electrosynthesized surface-imprinted conducting polymer microrods for selective protein recognition**

**Menaker, Anna; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres;** Horvath, Viola; Gyurcsanyi, Robert E. Advanced materials 2009 / p. 2271-2275 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.200803597>

### **Enantioselective properties of overoxidized polypyrrole films imprinted with L-Aspartic acid studied by EQCM technique**

**Menaker, Anna; Sõritski, Vitali; Reut, Jekaterina;** Gyurcsanyi, Robert E.; Toth, K.; **Öpik, Andres** The International Conference on Science and Technology of Synthetic Metals (ICSM'2006) : Dublin, Ireland, July 2-7, 2006 / [poster presentation]

### **EQCM study enantioselective uptake of aspartic acid with overoxidized polypyrrole films**

**Sõritski, Vitali;** Gyurcsanyi, Robert E.; **Reut, Jekaterina; Menaker, Anna;** Toth, K.; **Öpik, Andres** 56th International Meeting of Electrochemical Society (ISE2005) : book of abstracts 2005 / p. 965

### **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 / ? p

### **Molecularly imprinted conducting polymers for protein assays**

**Sõritski, Vitali; Reut, Jekaterina; Menaker, Anna;** Gyurcsanyi, Robert E.; Toth, K.; **Öpik, Andres** The International Conference on Science and Technology of Synthetic Metals (ICSM'2006) : Dublin, Ireland, July 2-7, 2006 / [poster presentation]

### **Molekulaarselt jäljendatud polü(3,4-etiüleendioksütiofeeni) mikrostruktuuride valmistamine mikrokiipidel**

**Kaev, Jevgeni; Treťjakov, Aleksei;** Lautner, G.; **Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres;** Gyurcsanyi, Robert E.; Rappich, Jörg XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 32

### **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](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 conducting polymer microrods for selective protein recognition**

**Sõritski, Vitali; Menaker, Anna; Reut, Jekaterina;** Gyurcsanyi, Robert E.; **Öpik, Andres** ICSM-2008 : International Conference of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6-11, 2008 : book of abstracts 2008 / p. 43

### **Surface imprinted microrods of nucleotide-conducting polymer composites for protein recognition**

**Sõritski, Vitali; Menaker, Anna;** Horvath, Viola; Gyurcsanyi, Robert E.; **Reut, Jekaterina; Öpik, Andres** The 5th International Workshop on Molecular Imprinting (MIP 2008) : September 7-11, Kobe, Japan 2008 / p. PM 10

### **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

### **Synthesis and characterization of conducting polymer/magnetite nanorods**

**Sõritski, Vitali; Menaker, Anna;** Gyurcsanyi, Robert E.; Jagerszki, G.; **Reut, Jekaterina; Öpik, Andres** 58th Annual Meeting of the International Society of Electrochemistry (ISE) : Banff (Canada), September 9 to 14, 2007 / ? p

### **Synthesis and characterization of inherently conducting polymers by using scanning electrochemical microscopy and electrochemical quartz crystal microbalance**

**Sõritski, Vitali;** Gyurcsanyi, Robert E.; **Öpik, Andres;** Toth, K. The International Conference on the Science and Technology of Synthetic Metals (ICSM) 2004 : University of Wollongong, Australia, 28 June to 2 July : book of abstracts 2004 / p. 212

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### **Synthesis and characterization of inherently conducting polymers by using scanning electrochemical microscopy and**

**electrochemical quartz crystal microbalance**

**Sörtski, Vitali**; Gyurcsanyi, Robert E.; **Öpik, Andres**; Toth, K. Synthetic metals 2005 / 1/3, p. 133-136

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