

Załącznik 2.

Wykaz znaczących publikacji wnioskodawców z ostatnich 3 lat;

Wnioskodawca, dr hab. Marek Szklarczyk:

1. E. Wierzbiński, M. Szklarczyk, „Photoelectrochemical and in situ atomic force microscopy studies of films derived from o-methoxyaniline solution on gallium arsenide (100) photoelectrode”, *Thin Solid Films*, 424, 191-200 (2003)
2. M. Skompska, A. Szkurlat, A. Kowal, M. Szklarczyk, „Spectroelectrochemical and AFM studies of doping-undoping of poly(3-hexylthiophene) films in propylene carbonate and aqueous solutions of LiClO₄”, *Langmuir* 19, 2318-2324 (2003)
3. M. Strawski, M.L. Donten, M. Domen, M. Szklarczyk, „Microscopic observation of the crystalline form of poly(o-methoxyaniline) on a membrane electrode”, *J. Solid State Electrochem.*, 8, 398-401 (2004)
4. M. Szklarczyk, M. Strawski, M. L. Donten, M:1 Donten, „A Study of Tubular Nanostructures Formation in the Pores of Membrane Electrode”, *Electrochem. Comm.*, 6/9, 880-886 (2004)
5. M. Szklarczyk, E. Wierzbiński, Krzysztof Bieńkowski, M. Strawski, „Electrochemical and in situ TM-AFM studies of the polymerization conditions on poly(o-methoxyaniline) film morphology”, *Electrochimica. Acta*, 51, 1036-1043 (2005)
6. Marek Szklarczyk, Marcin Strawski, Krzysztof Bieńkowski, 25 Years of the Scanning Tunneling Microscopy, praca przeglądowa, *Modern Aspects of Elektrochemistry*, tom 42, 2007.

Współwnioskodawca prof. dr hab. Krystyna Jackowska:

1. Tagowska M. Palys B. Jackowska K. "Polyandine nanotubules-anion effect on conformation and oxidation state of polyaniline studied by Raman spectroscopy", *Synthetic Metals*, 142 (2004) 223-229
2. Frydrychewicz A. Jackowska K. "Electrooxidation of poly(p-aminobenzene) films - kinetics studies.", *Polish Journal Chemistry*, 78 (2004) 1523-1532
3. Frydrychewicz A. Vassiliev S. Yu. Tsirlina G. A. Jackowska K. "Reticulated vitreous carbon-polyaniline-palladium composite electrodes.", *Electrochimica Acta*, 50 (2005) 1885-1893
4. Tagowska M. Palys B. Mazur M. Skompska M. Jackowska K. "In situ deposition of poly(1,8-diaminonaphthalene): from thin films to nanometre-sized structure.", *Electrochimica Acta*, 50 (2005) 2363-2370
5. Palys B. Borzenko M. Tsirlina G.A. Jackowska K. Timofeeva E. Petrii O. "Raman spectroscopic evidence of the bronze-like recharging behaviour for conducting films deposited from isopolytungstates.", *Electrochimica Acta*, 50 (2005) 1693-1702
6. Domińska M. Jackowska K. Kryshiski P. Blanchard G.J. "Probing interfacial organization in surface monolayers using tethered pyrene.]Structural mediation of electron and proton access to adsorbates.", *Journal of Physical Chemistry B*, 109 (2005) 15812-15821
7. Bieguński A T. Michota A. Bukowska J. Jackowska K. "Immobilization of tyrosinase on poly(idole-5-carboxylic acid) evidenced by electrochemical and spectroscopic methods.", *Bioelectrochemistry*, 69 (2006) 41-48

Współwnioskodawca proff dr hab. Zbigniew Stojek:

1. Caban K., Donten M., and Stojek Z., Electroformation of Microlayers of Ionic Liquids in Undiluted Nitromethane and Its Homologues. Unusual Oscillations behind the Range of Limiting Steady-State Current, *J. Phys. Chem. B*, **108** (2004) 1153-9.
2. Hyk W., Karbarz M., Stojek Z., Ciszowska M., Efficiency of Solute Release from Thermoresponsive Poly(N-isopropylacrylamide) Gels: Electrochemical Studies, *J. Phys. Chem. B*, **108** (2004) 864-868.
3. Gulaboski R., Caban K., Stojek Z., Scholz F., The determination of the standard Gibbs energies of ion transfer between water and heavy water by using the three-phase electrode approach, *Electrochemistry Communications*, **6** (2004) 215-8.
4. Gulaboski R., Galland A., Bouchard G., Caban K., Kretschmer A., Carrupt P.A., Stojek Z., Girault H.H., Scholz F., A comparison of the solvation properties of 2-nitrophenyloctyl ether, nitrobenzene, and n-octanol as assessed by ion transfer experiments, *J. Phys. Chem. B*, **108** (2004) 4565-4572.
5. Donten M., Cesiulis H., Stojek Z., Electrodeposition of amorphous/nanocrystal line and polycrystalline Ni-Mo alloys from pyrophosphate baths, *Electrochimica Acta*, **50** (2005) 1405-1412.
6. Hyk W., Nowicka A., Misterkiewicz B, Stojek Z., The extreme migrational enhancement of faradaic current at microelectrodes: experimental studies on sodium (6,8-diferrocenylmethylthio)octanoate electrooxidation, *J. Electroanal. Chem.*, **575** (2005) 321-328.
7. Hyk W., Masiak M, Stojek Z., Ciszowska M., Diffusion of uncharged probe reveals structural changes in polyacids initiated by their neutralization: Poly(acrylic acids), *J. Phys. Chem. B*, **109** (2005) 4425-30.
8. Bak E., Donten M., Stojek Z., Three-phase electrochemistry with a cylindrical microelectrode, *Electrochemistry Communications*, **7** (2005), 483-489.
9. Karbarz M., Gmadek M., Stojek Z., One dimensional volume-phase transition of n-isopropylacrylamide gels on the surface of gold electrodes, *Electroanalysis*, **17** (2005) 1397-1400.
10. Karbarz M., Stojek Z., Patrickios C., ABA Triblock Copolymer-Based Model Networks in the Bulk: Effect of the Number of Arms on Microphase Separation, *Polymer*, **46** (2005) 7456-7462.

Współwnioskodawca prof. dr hab. Renata Bilewicz

1. K. Stolarczyk, R. Bilewicz, Catalytic Oxidation of Ascorbic Acid on 2D and 3D Monolayers of Hydroxythiophenol" *Electroanalysis* 2004,16,1609-1615.
2. S. Sęk, E. Maicka, R. Bilewicz, Efficient electron transfer through hydrogen bonded interface *Electrochim. Acta*, 2005,50,4857
3. R. Bilewicz, P. Rowiński, E. Rogalska, Modified Electrodes Based on Lipidic Cubic Phases, *Bioelectrochemistry*, 2005,66,3-8
4. Sławomir Sek, Anna Tolak, Aleksandra Misicka, Barbara Palys, Renata Bilewicz, The Asymmetry of Electron Transmission through Monolayers of Helical Polyalanine Adsorbed on Gold Surfaces, *J.Phys.Chem B* 2005,109,18433.
5. Krzysztof Stolarczyk and Renata Bilewicz, Electron transport through Alkanethiolate films Decorated with Monolayer protected gold Clusters, *Electrochim. Acta*, 2006,51,2358
6. Urszula E. Majewska Kazimierz Chmurski and Renata Bilewicz Krzysztof Biesiada, Andrzej Olszyna, Dopamine Oxidation at Per(6-deoxy-6-thin) α -Cyclodextrin Monolayer Modified Gold Electrodes, *Electroanalysis*, 2006,18,1463-1470.
7. Krzysztof Stolarczyk, Ewa Nazaruk, Jerzy Rogalski, Renata Bilewicz "Mediatorless catalytic oxygen reduction at boron-doped diamond electrodes, *Elchem Commun*, **2007**, 115-118.
8. Elżbieta Jabłonowska and Renata Bilewicz Interactions of ibuprofen with Langmuir monolayers of membrane lipids, *Thin Solid Films* 2007, 515, 3962-3966.
9. M. Yohann Corvis, Kinga Trzcinska, Rick Rink, Petra Bilkova, Ewa Gorecka, Renata Bilewicz, and Ewa Rogalska "An electron donor-acceptor fullerene derivative retained on electrodes using SC3 hydrophobia", *J. Phys.Chem.C* 2007; 111(3); 1176-1179
10. Kazimierz Chmurski, Urszula E. Majewska and Renata Bilewicz' Analytical applications of gold electrodes modified with monolayers of thiolated cyclodextrins, *J.Incl.Phen. Macrocy. Chem.*, 2007,57,385-389.