

3.2. Publications in refereed journals: _____

- A22.** A.H. Kycia, K. Koczur, J.J. Leitch, J. Lipkowski*, **V. Zamlyunny**, M.W. Petryk, "Application of PM-IRRAS to Study Thin Films on Industrial and Environmental Samples", **Anal. Bioanal. Chem.** 405 (2013) 1537-1546.
- A21.** A.H. Kycia, M. Vezvaie, **V. Zamlyunny**, J. Lipkowski*, M.W. Petryk "Non-Contact Detection of Chemical Warfare Simulant Triethyl Phosphate using PM IRRAS", **Analytica Chimica Acta** 737 (2012) 45-54.
- A20.** M. Roefzaad, M. Jiang, **V. Zamlyunny**, K. Wandelt* "Potential Dependent Structure Transitions of Heptyl Viologen Layers on Cu(100) studied by in situ STM and IRRAS", *Special issue dedicated to Professor Wieckowski*, **J. Electroanal. Chem.** 662 (2011) 219-228.
- A19.** Z. Su, V. Climent, J. Leitch, **V. Zamlyunny**, J.M. Feliu and J. Lipkowski* "Quantitative SNIPTIRS Studies of (bi)sulphate adsorption at the Pt(111) Electrode Surface", **Phys. Chem. Chem. Phys.** 12 (2010) 15231-15239.
- A18.** S. Blatt, S.G. Roscoe, **V. Zamlyunny*** "Effect of electrode position on features of electrochemical Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS)", *An invited contribution to a special issue dedicated to Professor Lipkowski on the occasion of his 65th birthday*. **J. Electroanal. Chem.** 649 (2010) 102-109.
- A17.** D. Grumelli, L.P. Mendez De Leo, C. Bonazzola, **V. Zamlyunny**, E.J. Calvo, and R.C. Salvarezza* "Methylene Blue Incorporation into Alkanethiol SAMs on Au(111): Effect of Hydrocarbon Chain Ordering", **Langmuir** 26 (2010) 8226-8232.
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- A15.** R. Jackson and **V. Zamlyunny*** "Optimization of Electrochemical Infrared Reflection Absorption Spectroscopy using Fresnel Equations" *An invited contribution to a special issue devoted to 58th annual meeting of ISE*, **Electrochimica Acta** 53 (2008) 6768-6777.
- A14.** **V. Zamlyunny*** "Simple Safety Device for Protection of Single Crystal Working Electrodes and other Electrochemical Equipment", **J. Electroanal. Chem.** 587 (2006) 169-171.
- A13.** I. Zawisza, X. Cai, **V. Zamlyunny**, I. Burgess, J. Majewski, G. Szymanski and J. Lipkowski* "New Methods to Study Thin Organic Films at Electrode Surfaces", **Polish J. Chem.** 78 (2004) 1165-1181.
- A12.** R.J. Nichols*, I. Burgess, K.L. Young, **V. Zamlyunny**, and J. Lipkowski "A Quantitative Evaluation of the Adsorption of Citrate on Au(111) Using SNIPTIRS", **J. Electroanal. Chem.** 563 (2004) 33-39.

- A11.** I Zawisza, A. Lachenwitzer, **V. Zamlynnny**, S.L. Horswell, J.D. Goddard and J. Lipkowski “Electrochemical and Photon Polarization Modulation Infrared Reflection Absorption Study of the Electric Field Driven Transformations of a Phospholipid Bilayer Supported at a Gold Electrode Surface”, *Biophys. J.*, 85 (2003) 4055-4075.
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- A8.** **V. Zamlynnny**, I. Zawisza and J. Lipkowski* “PM FTIR RAS Studies of Potential Controlled Transformations of a Monolayer and a Bilayer of 4-Pentadecyl Pyridine - a Model Surfactant Adsorbed on Au(111) Electrode Surface”, *Langmuir*, 19 (2003) 132-145.
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- A5.** N. Li, **V. Zamlynnny**, J. Lipkowski*, F. Henglein and B. Pettinger “In-situ IR Reflectance Absorption Spectroscopy Studies of Pyridine Adsorption at the Au(110) Electrode Surface”, *J. Electroanal. Chem.*, 524-525 (2002) 43-53.
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- A2.** **V. Zamlynnny***, L. Kubelkova, E. Baburek, K. Jiratova, J. Novakova, “Amination of Cyclohexanol over Metallosilicate-Based Materials”, *Applied Catalysis*, 169 (1998) 119-125.
- A1.** T. Sagara, **V. Zamlynnny**, D. Bizzotto, A. McAlees, R. McCrindle and J. Lipkowski* “Spectroelectrochemical Investigations of the Spreading of 4-Pentadecyl Pyridine onto the Au(111) Electrode”, *Israel Journal of Chemistry*, 37 (1997) 197-211.