



Др Владислава Јовановић

Научни саветник



Професионално искуство Области интересовања Пројекти Изабране публикације

Адреса: Центар за електрохемију
Технолошко-металуршки факултет
Карнегијева 4, IV спрат, соба 455
11120 Београд 35, Пак 13580

Телефон: 337 0389

Факс: 337 0389

Мобилни телефон:

Електронска пошта: Vlad@tmf.bg.ac.rs

Образовање: Дипломирала на Технолошко-металуршком факултету у Београду 1983
Магистрирала на Технолошко-металуршком факултету у Београду 1985
Докторирала на Технолошко-металуршком факултету у Београду 1988

Звања: Истраживач сарадник 1985-1988
Научни сарадник 1988-1993
Виши научни сарадник 1993-2000
Научни саветник од 2000

Чланства у друштвима: Српско хемијско друштво
International Society of Electrochemistry

Професионално искуство: 1989 на Department of Chemistry, Birkbeck College, University of London (UK) (Dr Jonathan Slater)
1996 - 1998 на Department of Chemistry, Rice University, Houston, Texas (USA) (проф. Norman Hackerman)

Награде и признања:

Области интересовања: Синтеза и електрохемијска карактеризација катализатора за гориве спрегове; електрохемијска карактеризација и каталитичке особине комплексних једињења, модификованих угљеничних материјала и проводних полимера; развој и примена електрохемијских сензора

Стручне вештине:

Знање језика: енглески

Најзначајнији пројекти: **Међународни:**

- "Energy Efficient Electrode Materials, Inert Substrate – Surface Activated Systems" (SAD- YU), Department of Energy Contract Energy 675, 1986 – 1989.
- "Novel Conducting Ion-Selective Electrodes", (ALIS Link No. 255, British Council, UK), 1990-1992 (руководилац)
- "Electrochemical Reduction of Carbon Dioxide on Modified Surfaces", ИХТМ-Центар за електрохемију - Department of Physical Chemistry, University of Bonn, Germany, Co. No. C11*CT90-0866 (TS TS) (EU), 1991-1993.
- "Electrochemical Studies of Processes at electrode/electrolyte Interface " (The Robert A. Welsh фондација, C-426, Hjuston, Teksas, SAD) 1996-1998
- "Synthesis, Characterisation and Possible Antimicrobial Applications of Mixed-Ligand Dinuclear Cu(II) and Co(II) Complexes", (NCSR - Demokritos, Greece - Хемијски факултет Универзитета у Београду)

Основна истраживања:

- "Електродика, електрокатализа и елетрохемијска конверзија енергије" (МНТ Републике Србије), (O2E20), 1985-2000
- "Електрокатализа на наночестицама: од модел система до реалних катализатора", (МНТ Србије), (X-1796), 2001-2005
- "Нови материјали за примену у горивим спреговима са полимерном мембраном", (МНТ Србије), (X-142056), 2006-2010
- "Композитни материјали на бази угљеника метала и оксида метала у електрокатализи и процесима складиштења енергије", (МНТ Србије), (Б-142048), 2006-2010
- "Нов приступ у дизајнирању материјала за конверзију И складиштење енергије", (Министарство просвете и науке Србије), (ОИ-172060), 2011-2016

Примењена истраживања:

- "Примена јон-селективних електрода са чврстом мембраном сопствене производње у пољиндустријским постројењима" (СМНТР), (ТСИ 317) 1993-1996, (руководилац)

Изабране публикације: Монографије, поглавља у књигама:

1. K.Babić-Samardžija, S.P.Sovilj and V.M.Jovanović: "Molecular structure of metal enolates" in "The chemistry of metal enolates" Ed. Jacob Zabicky, A John Wiley and Sons, Ltd. Publication, England, 2009 81-131.

Публиковани радови:

1. Mila N. Krstajić Pajić, Sanja I. Stevanović, Vuk V. Radmilović, Aleksandra Gavrilović-Wohlmuther, Velimir R. Radmilović, Snežana Lj. Gojković, Vladislava M. Jovanović: "Shape evolution of carbon supported Pt nanoparticles: From synthesis to application", *Applied Catalysis B: Environmental* 196 (2016) 174–184
2. Lovic Jelena D., Stevanovic Sanja I., Tripkovic Dusan V., Tripkovic Amalija V., Stevanovic Rade M., Jovanovic Vladislava M., Popovic Ksenija Dj.: "Insight into electrocatalytic stability of low loading Pt-Bi/GC and Pt/GC clusters in formic acid oxidation", *J. Solid State Electrochem.*, 19 (2015) 2223-2233
3. B.V. Kaludjerovic, V.M. Jovanovic, S.I. Stevanovic, Z.D. Bogdanov: "Characterization of nanoporous carbon fibrous materials obtained by chemical activation of plane tree seed under ultrasonic irradiation", *Ultrasonics Sonochemistry* 21 (2014) 782–789
4. S. Stevanović, D. Tripković, V. Tripković, D. Minić, A. Gavrilović, A. Tripković, V.M. Jovanović: "Insight into the effect of Sn on CO and formic acid oxidation at PtSn catalysts", *J. Phys. Chem. C*, 118 (2014) 278-289
5. A.R. Mladenović, D.Ž. Mijin, S.Ž. Drmanić, V.E. Vajs, V.M. Jovanović, S.D. Petrović and M.L. Avramov Ivić: "Electrochemical oxidation of donepezil and its voltammetric determination at gold electrode", *Electroanalysis* 26 (5) (2014) 893-897
6. J.D. Lović, S.I. Stevanović, D.V. Tripković, V.V. Tripković, R.M. Stevanović, K.Dj. Popović and Vladislava M. Jovanović: "Formic acid oxidation at platinum-bismuth clusters", *J. Electrochemical Society* 161 (9) (2014) H547-H554
7. S.I. Stevanović, D.V. Tripković, V.V. Panić, A.B. Dekanski and V.M. Jovanović: "Platinum electrocatalyst supported on glassy carbon: a dynamic response analysis of Pt activity promoted by substrate anodization", *RSC Advances*, 4, (2014), 3051-3059
8. J.D. Lovic, S.I. Stevanovic, D.V. Tripkovic, V.M. Jovanovic, R.M. Stevanovic, A.V. Tripkovic, K.Dj. Popovic: "Catalytic activities of Pt thin films electrodeposited onto Bi coated glassy carbon substrate toward formic acid electrooxidation", *J. Electroanal. Chem.* 735 (2014) 1–9
9. Z.Z. Stoilković, V.M. Jovanović, D.Ž. Mijin, V. Nikolić, Lj. Nikolić, S.D. Petrović and M.L. Avramov Ivić: "The Electrochemical Investigation of Inclusion Complexes of Nifedipine and Amlodipine with β -Cyclodextrin and (2-Hydroxypropyl)- β -Cyclodextrin", *Int. J. Electrochem. Sci.*, 8 (2013) 9543-9557
10. B.B. Petković, M. Milčić, D. Stanković, I. Stambolić, D. Manojlović, V.M. Jovanović, S.P. Sovilj: "Complexation ability of octaazamacrocyclic ligand toward Co²⁺, Ni²⁺, Cu²⁺ and Zn²⁺ metal cations: Experimental and theoretical study", *Electrochim. Acta* 89 (2013) 680-687
11. J.D. Lović, D.V. Tripković, K.Đ. Popović, V.M. Jovanović and A.V. Tripković: "Electrocatalytic properties of Pt-Bi electrodes towards the electrooxidation of formic acid", *J. Serb. Chem. Soc.*, 78 (8) (2013) 1189–1202
12. M. M. Neveščanin, M. L. Avramov- Ivić, S. D. Petrović, D. Ž. Mijin, S. N. Banović-Stević and V. M. Jovanović: "The use of gold electrode in determination of amphetamine derivatives and application to analysis in human urine", *J. Serb. Chem. Soc.*, 78 (2013) 1373-1385
13. A.R. Mladenović, V.M. Jovanović, S.D. Petrović, D.Ž. Mijin, S.Ž. Drmanić, M.L. Avramov-Ivić: "Determination of clopidogrel using square wave voltammetry at a gold electrode", *J. Serb. Chem. Soc.* 78 (12) (2013) 2131–2140
14. J. D. Lović, M. D. Obradović, D. V. Tripković, K. Dj. Popović, V. M. Jovanović, S. Lj. Gojković and A. V. Tripković: "High Activity and Stability of Pt₂Bi Catalyst in Formic Acid Oxidation", *Electrocatalysis* 3 (3-4) (2012) 346-352.
15. Stevanovic Sanja I., Panic Vladimir V., Dekanski Aleksandar B., Tripkovic Amalija V., Jovanovic Vladislava M.: "Relationships between structure and activity of carbon as a multifunctional support for electrocatalysts", *PHYSICAL CHEMISTRY CHEMICAL PHYSICS* 14 (26) (2012) 9475-9485
16. Petkovic B. B., Stevanovic S. I., Budimir M. V., Sovilj S. P., Jovanovic V. M.: "Electrochemical Examination of Copper(II) Complexes with Octaazamacrocyclic Ligand and Heterocyclic Dithiocarbamate", *Electroanalysis* 24 (7) (2012) 1605–1612
17. S. Stevanović, D. Tripković, J. Rogan, K. Popović and J. Lović, A. Tripkovic and V.M. Jovanovic: "Microwave-assisted polyol synthesis of carbon-supported platinum-based bimetallic catalysts for ethanol oxidation", *J. Solid State Electrochemistry*. 16 (2012) 3147-3157
18. D.M. Sejmanović, B.B. Petković, M.V. Budimir, S.P. Sovilj, V.M. Jovanović: " Characterization of Silver Modified PVCAc Electrode and Its Application as Ag(I)-Selective Potentiometric Sensor", *Electroanalysis* 22 (16) (2011) 1894–1900
19. S. Stevanović, D. Tripković, D. Poleti, J. Rogan, A. Tripković and V.M. Jovanović: "Microwave synthesis and characterization of Pt and Pt–Rh–Sn electrocatalysts for ethanol oxidation", *J. Serb. Chem. Soc.* 76 (12) (2011) 1673–1685
20. S. Stevanović, D. Tripković, J. Rogan, D. Minić, A. Gavrilović, A. Tripković and V. M. Jovanović: "Enhanced Activity in Ethanol Oxidation of Pt₃Sn Electrocatalysts Synthesized by Microwave Irradiation", *Russian Journal of Physical Chemistry A*, 85 (13) (2011) 2299–2304
21. Lj. M. Kljajević, V. M. Jovanović, S. I. Stevanović, Ž. D. Bogdanov and B. V. Kaludjerović: "Influence of

- chemical agents on the surface area and porosity of active carbon hollow fibers", *J. Serb. Chem. Soc.*, 76 (9) (2011) 1283-1294
22. B.B. Petković, S.P. Sovilj, M.V. Budimir¹, R.M. Simonović, V.M. Jovanović: "A Copper(II) Ion-Selective Potentiometric Sensor Based on N, N', N'', N'''-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane in PVC Matrix", *Electroanalysis* 23 (8) (2010) 1849–1855
 23. Sanja Stevanović, Vladimir Panić, Dušan Tripković, and Vladislava M. Jovanović: "Promoting effect of carbon functional groups in methanol oxidation on supported Pt catalyst", *Electrochem. Comm.*, 11 (2009) 18-21
 24. A.V. Tripković, K.Dj. Popović, J.D. Lović, V.M. Jovanović, S.I. Stevanović, D.V. Tripković and A. Kowal: "Promotional effect of Sn_{ad} on the ethanol oxidation at Pt₃Sn/C catalyst", *Electrochem. Comm.* 11 (5) (2009) 1030-1033.
 25. S. Stevanović, K. Babić-Samardžija, S.P. Sovilj, A. Tripković and V.M. Jovanović: "Oxidation of formic acid on platinum surfaces decorated with cobalt(III) macrocyclic complexes ", *Russian Journal of Physical Chemistry A* 83(9) (2009) 1442-1446
 26. K. Babić-Samardžija, V. M. Jovanović and S. P. Sovilj: "Molecular structure in correlation with electrochemical properties of mixed-ligand cobalt(III) complexes", *J.Serb.Chem.Soc.*, 73 (7) (2008) 761-770
 27. S. Stevanović, D. Tripković, A. Kowal, D. Minić, V.M. Jovanović and A.Tripković: "Influence of surface morphology on methanol oxidation at glassy carbon supported Pt catalyst", *J.Serb.Chem.Soc.*, 73 (8-9) (2008) 845-859
 28. B. V. Kaludjerović, V. M. Jovanović, B. M. Babić, S. Terzić, Ž. Bogdanov: "Characterization of platinum deposited on carbon hollow fibers/carbon cryogel composites", *Journal of Optoelectronics and Advanced Materials* 10 (10) (2008) 2708-2713
 29. Ksenija Babić-Samardžija, Norman Hackerman, Sofija P. Sovilj and Vladislava M. Jovanović: "Inhibiting effect of cobalt(III)-cyclam complexes with substituted β-diketones on iron corrosion in perchlorate solution", *J.Solid State Electrochemistry*, 12 (2008) 155-163
 30. Dušan Tripković, Sanja Stevanović, Amalija Tripković, Andrzej Kowal and Vladislava M.Jovanović: "Structural effect in electrocatalysis: Formic acid oxidation on Pt electrodeposited on glassy carbon support", *J. Electrochemical Society* 155 (2008) B281-B289
 31. Aleksandar B. Dekanski, Vladimir V. Panic, Vladislava M. Jovanovic, Rade M. Stevanovic: "Electrochemical and Capacitive Properties of Thin-Layer Carbon Black Electrodes", *J. Power Sources* 181 (1) (2008) 186-192
 32. V.V. Panić, V.M. Jovanović, S.I. Terzić, M.W. Barsoum, V.D. Jović and A.B. Dekanski: "The properties of electroactive ruthenium oxide coatings supported by titanium-based ternary carbides", *Surface and Coatings Technology* 202 (2007) 319-324.
 33. Sanja Terzić, Dušan Tripković, Vladislava M. Jovanović, Amalija Tripković and Andrzej Kowal: "Effect of glassy carbon properties on electrochemical deposition of platinum nano-catalyst and its activity for methanol oxidation", *J.Serb.Chem.Soc.*, 72 (2) (2007) 165-181
 34. D. M. Minić, I. Cekić, F. T. Pastor, V. Jovanović, and R. Marković: "Electrochemical Behavior of 5-Substituted 2-Alkylidene-4-Oxothiazolidine Derivatives Studied by Cyclic Voltammetry", *Russian Journal of Physical Chemistry A* 81 (9) (2007) 1458
 35. A.V.Tripković, V.M.Jovanović, J.D.Lović, K.Dj.Popović and A.Kowal: "Particle size effect: Methanol oxidation on supported catalysts", *Material Science Forum*, 494 (2005) 229-234
 36. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Effect of heterocyclic S-S'-ligands on electrochemical properties of some Cobalt(III) complexes in acid", *J.Serb.Chem.Soc.*, 70 (2005) 51-61
 37. V.M.Jovanović, S.Terzić and A.Dekanski: "Characterisation and electrocatalytic application of silver modified polypyrrole electrodes", *J.Serb.Chem.Soc.*, 70 (2005) 41-49
 38. Vladislava M.Jovanović, Dušan Tripković, Amalija Tripković, Andrzej Kowal, Jerzy Stoch: "Oxidation of formic acid at platinum electrodeposited on polished and oxidized glassy carbon", *Electrochem.Comm.*, 7 (2005) 1039-1044.
 39. A.V.Tripković, V.M.Jovanović, J.D.Lović, K.Dj.Popović and A.Kowal: "Particle size effect: Methanol oxidation on supported catalysts", *Material Science Forum*, 494 (2005) 229-234
 40. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Effect of heterocyclic S-S'-ligands on electrochemical properties of some Cobalt(III) complexes in acid", *J.Serb.Chem.Soc.*, 70 (2005) 51-61
 41. V.M.Jovanović, S.Terzić and A.Dekanski: "Characterisation and electrocatalytic application of silver modified polypyrrole electrodes", *J.Serb.Chem.Soc.*, 70 (2005) 41-49
 42. A.V.Tripković, K.Dj.Popović, J.D.Lović, V.M.Jovanović and A.Kowal: "Methanol oxidation at platinum electrodes in alkaline solution: comparison between supported catalysts and model systems", *J.Electroanal.Chem.*, 572 (2004) 119-
 43. V.M.Jovanović, S. Terzić, A. V. Tripković, K. Dj. Popović, J. D. Lović: "The effect of electrochemically treated glassy carbon on the activity of supported Pt catalyst in methanol oxidation", *Electrochem.Comm.*, 6 (2004) 1254-1258.
 44. J.Miladinovic, R.Ninkovic, M.Todorovic and V.M.Jovanovic: "Correlation of Osmotic Coefficient data for ZnSO₄(aq) at 25° C by Various Thermodynamic Models", *Journal of Solution Chemistry*, 32 (4) (2003) 371-383.
 45. K. Babić-Samardžija, S.P. Sovilj and V.M. Jovanović: "Comparative Electrochemical Study of Some Cobalt(III) and Cobalt(II) Complexes with Azamacrocycles and β-Diketonato Ligands", *J.Serb.Chem.Soc.*, 68 (2003) 989-999
 46. J.Miladinović, R.Ninković, M.Todorović and V.M.Jovanović: "Osmotic Coefficient of ZnCl₂(aq) at T = 298.15 K", *J.Chem.Thermodynamic*, 35 (7) (2003) 1073-1082.
 47. A.Dekanski, J.Stevanović, R.Stevanović, B.Ž.Nikolić and V.M.Jovanović: "Glassy Carbon – Electrochemical

- Characterisation", *Carbon*, 39 (8) (2001) 1195-1205
48. A.Dekanski, J.Stevanović, R.Stevanović and V.M.Jovanović: "Glassy Carbon – Modification by immersion in AgNO_3 ", *Carbon*, 39 (8) (2001) 1207-1216
 49. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Electrochemical Characterization of Mixed-Ligand Cobalt(III) Complexes with Tetraazamacrocyclic Ligand and Heterocyclic Dithiocarbamates", *Electroanalysis* 13 (13) (2001) 1129-1135
 50. S.P.Sovilj, G.Vucković, K.B.Babić-Samardžija, N.Matsumoto, V.M.Jovanović and J.Mrozinski: "Synthesis, Crystal Structure, Magnetic Properties and Cyclic Voltammetry of the Unsymmetrical (μ -Oxalato)-[N, N'',N''',N''''-Tetrakis-(2-pyridylmethyl)-1,4,8,11-Tetraaza-cyclotetradecane] Dicobalto(II) Tryhydrate", *Synthesis and Reactivity in Inorganic and Metal-organic Chemistry*, 29 (5) (1999) 785-803.
 51. V.M.Jovanović and N.Hackerman: "Electrochemical Passivation of Iron in NO_3^- , SO_4^{2-} and ClO_4^- Solutions", *J.Phys.Chem.*, 102 (49) (1998) 9855-9860
 52. M.Avramov-Ivić, V.M.Jovanović, G.Vlajnić and J.Popić: "The Electrocatalytic Properties of the Oxides of Noble Metals in Electrooxidation of some organic molecules", *J.Electroanal.Chem.*, 423 (1-2) (1997) 119-124
 53. V.M.Jovanović, A.Dekanski, G.Vlajnić and M.S.Jovanović: "Electrochemical and Surface Characterization of pH Sensor Based on Bisulfate doped Poly(pyrrrole)", *Electroanalysis*, 9 (7) (1997) 564-569
 54. V.M.Jovanović, Lj.Markičević, S.Stanković, R.Stanković, and M.S.Jovanović: "The Behavior of Polypyrrole Doped With Different Anions as an Ion-Selective Electrodes", *Electroanalysis* 7 (6) (1995) 574-578
 55. V.M.Jovanović, M.Avramov-Ivić and S.Petrović: "Electrochemical oxidation of formaldehyde on silver modified glassy carbon electrodes in alkaline solution", *J.Serb.Chem.Soc.*, 60 (1995) 879-890
 56. S.Sovilj, G.Vučković, N.Matsumoto, M.Avramov-Ivić, and V.M.Jovanović: "Synthesis, Characterisation and Possible Catalytic Properties of cis-Oxalato(1,4,8,11-tetraazocyclotetradecane)cobalt(III) Nitrate", *J.Coordination Chemistry* 31 (1994) 167-179
 57. V.M.Jovanović and M.S.Jovanović: "Deposited-on-Wire Anion Selective Electrodes", *J.Serb.Chem.Soc.*, 59(5) (1994) 265-289
 58. S.Stanković, V.M.Jovanović, M.Đikanović and M.S.Jovanović: "Application of Glassy Carbon Substrated "Cyanide Sensitive" Electrodes in Determination of Cyanide and Mercaptane Levels of Waste Water", *Electroanalysis*, 5 (novembar) (1993) 703-707
 59. V.M.Jovanović, A.Dekanski, P.Despotov, B.Nikolić and R.T.Atanasoski: "The Roles of Ruthenium Concentration Profile, the Stabilizing Component and the Substrate on Stability of Oxide Coatings", *J.Electroanal.Chem.*, 339 (1992) 147-165
 60. G.A.Ragoisha, V.M.Jovanović, M.Avramov-Ivić, R.T.Atanasoski and W.H.Smyrl: "Anodic Oxidation of Small Organic Molecules on Silver Modified Glassy Carbon Electrodes", *J.Electroanal.Chem.*, 319 (1991) 373-379
 61. V.M.Jovanović and M.S.Jovanović: "Depolarisation End-Point on Glassy Carbon Electrodes - Microscale Coulometry of Thioglycollic Acid", *Electroanalysis* 3 (1991) 227-231
 62. A.Dekanski, V.M.Jovanović, P.Despotov, B.Nikolić and R.T.Atanasoski: "Corrosion Stability of Active Oxide Coatings on Titanium in Chlorine Evolution Process", *J.Serb.Chem.Soc.*, 56 (3) (1991) 167-179
 63. A.Dekanski, M.S.Marinković, J.Stevanović, V.M.Jovanović, Z.Laušević and M.Laušević: "Properties of glassy carbon modified by immersing in metal cation solution", *Vacuum* 41 (1990) 1772-1775
 64. V.M.Jovanović and M.S.Jovanović: "Standard Potential Values of "Cyanide Sensitive" Silver Iodide and Silver Sulphide Ion-Selective Electrodes", *Anal.Chim.Acta* 233 (1990) 329-333
 65. S.Stanković, V.M.Jovanović and M.S.Jovanović: "Glassy carbon as a sensor carrier of ion-selective electrodes", *J.Serb.Chem. Soc.*, 55 (1990) 125-129
 66. V.M.Jovanović, A.Dekanski, P.Despotov, R.T.Atanasoski and B.Z.Nikolić: "Corrosion Stability of Ruthenium Dioxide Titanium Dioxide Coatings on Glassy Carbon Substrate", *J.Serb.Chem.Soc.*, 55 (9) (1990) 537-546
 67. V.M.Jovanović and M.S.Jovanović: "Determination of Low Sulphide and Cyanide Levels in Biochemical and Environmental Control Using a Deposited-on-Wire Ag/Ag₂S Electrode", *Analyst (London)*, 113 (1988) 71-75
 68. V.M.Jovanović, M.Sak-Bosnar and M.S.Jovanović: "Determination of Low Levels of Cyanide with a Silver/Silver Sulphide Wire Electrode", *Anal.Chim.Acta*, 196 (1987) 221-227
 69. V.M.Jovanović and M.S.Jovanović: "Development and Properties of a Self-Made Version of Ružička Type Anion-Selective Electrodes. II. Silver Halide Electrodes", *J.Serb.Chem.Soc.*, 51 (4) (1986) 225-233
 70. V.M.Jovanović and M.S.Jovanović: "Development and Properties of a Self-Made Version of Ružička Type Anion-Selective Electrodes. III. Potential Characteristics", *J.Serb.Chem.Soc.*, 51 (4) (1986) 235-238
 71. V.Jovanović, R.Atanasoski and B.Nikolić: "Electrochemical Characteristics of Ruthenium(IV) Oxide Coating on Glassy Carbon Substrate", *J.Serb.Chem.Soc.*, 51 (12) (1986) 611-618
 72. V.M.Jovanović and M.S.Jovanović: "Characteristics of Ružička Type and Graphite/polyethylene Matrix Mixed Sulphide and Halogenide Ion-Selective Electrodes", *Ion-Selective Electrodes Rev.*, 8 (1986) 115-129 (rev.)
 73. V.M.Jovanović and M.S.Jovanović: "Development and Properties of a Self-Made version of Ružička Type Anion-Selective Electrodes: I. Silver Sulphide Electrode", *J.Serb.Chem.Soc.*, 50 (9-10) (1985) 463-470
 74. V.M.Jovanović and M.S.Jovanović: "The Behaviour of Mixed Metal Sulphide/Silver Sulphide Sensing Materials in Solutions of Silver Ions", *Anal.Chim.Acta*, 176 (1985) 285-289

Саопштења:

Mila N. Krstajić, Sanja I. Stevanović, Vuk V. Radmilović, Jelena R. Rogan, Aleksandra Gavrilović Wohlmuther, Velimir R. Radmilović, Snežana Lj. Gojković, Vladislava M. Jovanović, "Shape Controlled, Carbon Supported Pt Anodic Catalysts for DFAFC", 5th RSE-SEE, Pravets, Bulgaria 2015, Program and the Book of Abstracts,

- Bulgarian Academy of Sciences, Sofia, Bulgaria, pp.78-79, ESC-O-18, ISBN 978-954-92483-4-0; <http://www.rse-see.eu/>
- D. Tripkovic, V. Tripkovic, V.M. Jovanovic, A. Tripkovic and N. M. Markovic "The origin of exceptional activity of Pt₃Ni(111) catalyst in CO oxidation reaction" *Seventeenth Annual Conference YUCOMAT*, 2015, August 31-September 4, Herceg Novi, Montenegro
 - S. I. Stevanović, M. N. Krstajić, V. M. Jovanović, A. Kowal, "In Situ Atomic Force Microscopy investigation of platinum catalyst morphology deposited on electrochemically activated glassy carbon electrode" 4th international symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface, 2-4 September, Krakow, Poland 2015. <http://issis2015.krakow.pl/>
 - S. Stevanović, D. Tripković, V. Tripković, A. Kowal, A. Tripković and V.M. Jovanović: "ELEC-TRONIC EFFECT IN PtSn CATALYST", *65th Annual Meeting of the International Society of Electrochemistry*, Lausanne (Switzerland), September 2014, abs. ise142304
 - S. Stevanović, D. Tripković, V. Tripković, A. Kowal, A. Tripković and V.M. Jovanović: "PtSn versus PtSnO₂ CARBON SUPPORTED CATALYSTS", *65th Annual Meeting of the International Society of Electrochemistry*, Lausanne (Switzerland), September 2014, abs. ise141030
 - J.D. Lović, S.I. Stevanović, D.V. Tripković, K.Dj. Popović, R.M. Stevanović, V.M. Jovanović, A.V. Tripković: "Formic acid oxidation on low loading Pt-Bi catalyst: insights into electrocatalytic activity and stability", *65th Annual Meeting of the International Society of Electrochemistry*, Lausanne (Switzerland), September 2014, abs. ise141042
 - S. Stevanović¹, D. Tripković¹, D. Minić², A. Gavrilović³, A. Tripković¹ and V.M. Jovanović¹: "Formic acid oxidation at Pt-Sn bimetallic catalysts", *3rd Regional symposium on electrochemistry of South-East Europe*, Ljubljana (Slovenia), Jun 2013.
 - J.D. Lović, S.I. Stevanović, D.V. Tripković, R.M. Stevanović, K.Dj. Popović, V.M. Jovanović, A.V. Tripković: "Formic acid oxidation at platinum-coated bismuth deposits on glassy carbon substrate", *3rd Regional symposium on electrochemistry of South-East Europe*, Ljubljana (Slovenia), jun 2013.
 - A. B. Dekanski, V. V. Panić and V. M. Jovanović: Carbon as a Multifunctional Electrocatalyst Support: "Relationships between Structure and Activity", *3rd Regional symposium on electrochemistry of South-East Europe*, Ljubljana (Slovenia), Jun 2013.
 - Sanja I. Stevanović, Vladimir V. Panić, Aleksandar B. Dekanski, Dušan V. Tripković and Vladislava M. Jovanović: "Reverse Hydrogen Spillover in Carbon-Supported Pt electrocatalysts: A dynamic response analysis of the promoted Pt activity", *3rd Regional symposium on electrochemistry of South-East Europe*, Ljubljana (Slovenia), Jun 2013.
 - S. Stevanović, D. Tripković, V. Tripković, D. Minić, A. Gavrilović, K. Popović, A. Tripković and V.M. Jovanović: "Insight of Sn influence on formic acid oxidation at Pt based catalysts", *63rd Meeting of International Society of Electrochemistry*, Prague (Czech Republic), August 2012, Book of Abstracts S05-027
 - J.D. Lović, M.D. Obradović, D.V. Tripković, K.Dj. Popović, V.M. Jovanović, S.Lj. Gojković and A.V. Tripković: "High Activity and Stability of Pt₂Bi Catalyst in Formic Acid Oxidation", *63rd Meeting of International Society of Electrochemistry*, Prague (Czech Republic), August 2012, Book of Abstracts S05-063
 - S. Stevanović, D. Tripković, J. Rogan, J. Lović, K. Popović, A. Tripković and V.M. Jovanović: "Ethanol oxidation on carbon supported platinum based bimetallic catalysts synthesized by microwave assisted polyol procedure", *63rd Meeting of International Society of Electrochemistry*, Prague (Czech Republic), August 2012, Book of Abstracts S05-052
 - J.D. Lović, S.I. Stevanović, K.Dj. Popović, R.M. Stevanović, V.M. Jovanović and A.V. Tripković: "Electrocatalytic Properties of Pt Thin Films Electrodeposited onto Bi Coated GC for Formic Acid Oxidation", *63rd Meeting of International Society of Electrochemistry*, Prague (Czech Republic), August 2012, Book of Abstracts S05-033
 - Aleksandar Dekanski, Vladislava Jovanovic, Sanja Stevanovic, Amalija Tripkovic, Vladimir Panic: "Relationships between Structure and Activity of Carbon as a Multifunctional Electrocatalyst Support ", *63rd Meeting of International Society of Electrochemistry*, Prague (Czech Republic), August 2012, Book of Abstracts S05-015
 - D. M. Sejmanović, B. B. Petković, M. V. Budimir, S. P. Sovilj, V. M. Jovanović: "Poly(vinyl chloride) and poly(vinyl chloride-co-vinyl acetate) as membranes for potentiometric sensors", *Euroanalysis 16th (16 European Conference on Analytical Chemistry)*, Belgrade, Serbia (2011), 11-15 September, Session A, EC 40
 - B. B. Petković, S. Stevanović, D. Stanković, R. Micić, M. V. Budimir, S. P. Sovilj, V. M. Jovanović: "An Electrochemical Study of Complex Formation Between Transition Cations and N, N', N'', N'''-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane", *YUCOMAT 2011*, Herceg Novi (2011), Crna Gora, The Book of Abstracts p. 115
 - Sanja Stevanović, Branka V. Kaludjerović, Vladislava M. Jovanović: "Characterization of carbon fibrous materials obtained from tree wastes", *2nd Regional symposium on electrochemistry of South-East Europe*, Book of abstracts p. 89, Belgrade (Serbia) jun 2010,
 - S. Stevanovic, V. Panic, A. Dekanski and V.M. Jovanovic: "ac Impedance tracking of glassy carbon activation", *2nd Regional symposium on electrochemistry of South-East Europe*, Proceedings, Belgrade (Serbia) jun 2010,
 - S. Stevanović, D. Tripković, J. Rogan, D. Minić, A. Gavrilović, A. Tripković, V.M. Jovanović: "Microwave assisted synthesis of Pt and Pt₃Sn electrocatalysts for ethanol oxidation", *10th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Proceedings E-O-2, Belgrade, Serbia, 21-24 September 2010
 - S.I. Stevanovic, V.M. Jovanovic, M.D. Obradovic, S.Lj. Gojkovic, V. Panic, A. Kowal: "Comparative study of

- multi-wall carbon nanotubes and carbon black" 2nd *International Symposium on Surface Imaging / Spectroscopy at the Solid / Liquid Interface*, May 31st-June 3rd, 2009, Cracow, Poland.
22. S.Stevanovic, D.Tripkovic, V.M.Jovanovic, A.Tripkovic, A.Kowal: "MWNT supported PtRhSn catalyst for ethanol oxidation", 2nd *International Symposium on Surface Imaging / Spectroscopy at the Solid / Liquid Interface*, May 31st-June 3rd, 2009, Cracow, Poland.
 23. B.B.Petković, V.M.Jovanović, S.P.Sovilj, M.V. Budimir: "A Copper(II) Selective Potentiometric Sensor Based on N, N', N'', N'''-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetradecane in PVC Matrix", *Euroanalysis 15th*, Innsbruck (Austria), September 2009., Abs. PO89-B1
 24. S.P.Sovilj, B.B.Petković, V.M.Jovanović, M.V.Budimir, J.Perčević, S.Stevanović: "Characterization of N, N', N'', N'''-tetrakis(2-pyridylmethyl)-1,4,8,11-tetraazacyclotetra-decane and its application as an ionophore for potentiometric sensor", *Euroanalysis 15th*, Innsbruck (Austria), September 2009, Abs. PO93-B1
 25. D. Tripkovic, A.Tripkovic, K. Popovic, J. Lovic, V. Jovanovic, S. Stevanovic: "Promotional effect of Snad on the ethanol oxidation at Pt3Sn/C catalyst", *60th Meeting of International Society of Electrochemistry*, Beijing, China, August 2009, Book of Abstracts s04-P-047
 26. Branka V. Kaludjerovic, Vladislava M. Jovanovic, Sanja I. Stevanovic, Ljiljana M. Kljajevic, Zarko D. Bogdanov: "New type of carbon fibrous material for supported platinum catalysts", *Carbon Conference 2009*, CD Proceedings P056, Bearitz, (France), July 2009
 27. Vladislava M. Jovanović, Sanja Stevanović and Vladimir Panić: "THE ROLE OF CARBON FUNCTIONAL GROUPS IN METHANOL OXIDATION AT SUPPORTED Pt CATALYSTS", *59th Meeting of International Society of Electrochemistry*, Sevilla (Spain), August 2006, Book of Abstracts S2-P-
 28. Sanja Stevanović, Rade Stevanović, Vladimir Panić, Aleksandar Dekanski and Vladislava M. Jovanović: "Surface area determination of platinum deposited on activated carbon substrate" *1st Regional symposium on electrochemistry of South-East Europe*, Book of abstracts p. 188, Rovinj (Croatia) maj 2008,
 29. Dušan Tripković, Sanja Stevanović, Amalija Tripković, Andrzej Kowal and Vladislava M.Jovanović: "Influence of morphology of Pt electrodeposited on glassy carbon support on formic acid oxidation" *1st Regional symposium on electrochemistry of South-East Europe*, Book of abstracts p. 32, Rovinj (Croatia) maj 2008,
 30. Sanja Stevanović, Vladislava M. Jovanović, Miodrag Mitrić and Branka Kaluđerović: "Support effect in Pt catalysts on carbon materials", *1st Regional symposium on electrochemistry of South-East Europe*, Book of abstracts p. 186, Rovinj (Croatia) maj 2008,
 31. S. Stevanović, K. Babić-Samardžija, S.P. Sovilj, A. Tripković and V.M. Jovanović: "Formic acid oxidation on platinum decorated with cobalt(iii) macrocyclic complexes", *9th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Proceedings p. 291, Belgrade, September 2008.
 32. Branka V. Kaludjerović, Vladislava M. Jovanović, Biljana M. Babić, Sanja Terzić, Djuro Čokeša, Žarko Bogdanov: "CHARACTERIZATION OF PLATINUM DEPOSITED ON NANOPOROUS CARBON MATERIALS", *Carbon Conference 2007*, CD Proceedings P056, Seattle, WA, USA, July 2007
 33. V.M.Jovanović, D.Tripković and A.Tripković: "Formic acid oxidation on glassy carbon supported platinum nanoparticles – structural effect", *57th Meeting of International Society of Electrochemistry*, Edinburgh (United Kingdom), August 2006, Book of Abstracts S10-P-24
 34. D.Tripković, S.Terzić, V.M.Jovanović and A.Kowal: "Electrocatalytic activity of platinum nanoparticles on oxidized support", *57th Meeting of International Society of Electrochemistry*, Edinburgh (United Kingdom), August 2006, Book of Abstracts S4-P-48
 35. V. Panić, A. Dekanski, V. Jovanović, V. Jović, M.W. Barsoum: "Ruthenium-Oxide-Based Coatings Formed on Ti₃SiC₂ support", *57th Meeting of International Society of Electrochemistry*, Edinburgh (United Kingdom), August 2006, Book of Abstracts S10-P-19
 36. S.P. Sovilj, K. Babić-Samardžija and, V.M. Jovanović: "Effect of Heterocyclic S,S'-Ligands on Electrochemical Properties of Some Cobalt(III) Complexes in Acid", *5th International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, Ohrid (Makedonija) Septembar 2006
 37. Sanja Terzić, Vladislava M.Jovanović, Jugoslav Krstić and Oliver Terzić: "New Carbon Substrate for Supported Platinum Catalyst", *5th International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, Ohrid (Makedonija) Septembar 2006
 38. Isidora Cekić, Dragica Minić, Vladislava Jovanović, Rade Marković: "Electrochemical Behaviour of 5-Substituted 2-Alkydilene-4-Oxo-Thiazolidine Derivates", *8th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Book of papers, Belgrade, September 2006.
 39. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Correlation between structural properties and inhibition efficiency of some cobalt(III) complexes using molecular modeling calculations", *8th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Book of papers p....., Belgrade, September 2006.
 40. S.Terzić, D. Tripković, A.Tripković, A.Kowal and V.M.Jovanović: "Methanol oxidation at glassy carbon supported Pt catalyst in acid and alkaline solution –effect of support activation", *56th Meeting of International Society of Electrochemistry*, Busan (Korea), September 2005
 41. S.Terzić, D. Tripković, A.Tripković, A.Kowal and V.M.Jovanović: "The effect of electrochemically treated glassy carbon on the activity of supported Pt catalyst", *56th Meeting of International Society of Electrochemistry*, Busan (Korea), September 2005
 42. S.Terzić and V.M.Jovanović: "Role of the substrate on electrocatalytic activity of platinum deposited on glassy carbon electrodes for methanol oxidation", *4th International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, Belgrade (Serbia and

Montenegro) July 2004

43. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Oxygen reduction on some macrocycle Co(III) complexes in acid", *4th International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, Belgrade (Serbia and Montenegro) July 2004
44. V.M.Jovanović and S.Terzić: "Effect of glassy carbon properties on electrocatalytic activity of platinum particles deposited: I – Methanol oxidation in acid". *55th Meeting of International Society of Electrochemistry*, Teshaloniki (Greece), September 2004
45. S.Terzić and V.M.Jovanović: "Effect of glassy carbon properties on electrocatalytic activity of platinum particles deposited: I – Methanol oxidation in alkalie". *55th Meeting of International Society of Electrochemistry*, Teshaloniki (Greece), September 2004
46. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Effect of some macrocyclic Cobalt(III) complexes on cathodic reactions in acidic solution", *4th Aegean analytical chemistry days*, Proceedings p. 460-462, Kushadasi (Turkey), October 2004
47. V.M.Jovanović and M.Djikanović: "Pyrrole polymerised in nitrate solution as electrochemical sensor", *4th Aegean analytical chemistry days*, Proceedings p. 460-462, Kushadasi (Turkey), October 2004
48. V.M.Jovanović, K.Dj.Popović, A.V.Tripković: "Platinum-Catalyzed Glassy Carbon", *Satelit ISE Meeting on Electrocatalysis*, Alicante (Spain) March 2003
49. V.M.Jovanović and Z.Plečaš: "Influence of Glassy Carbon treatment on platinum particles deposition and properties", *First International Meeting on Applied Physics (APHYS-2003)*, Badajoz (Spain), October 2003
50. V.M.Jovanović, K.B.Babić-Samardžija and S.P.Sovilj: "Electrochemical properties of Cobalt(III) complexes of macrocyclic-chelate type in acidic solutions", *53rd Meeting of International Society of Electrochemistry*, Duselndorf (Germany), September 2002
51. V.M.Jovanović: "Role of the substrate in electrocatalytic properties of silver modified glassy-carbon electrodes", *53rd Meeting of International Society of Electrochemistry*, Duselndorf (Germany), September 2002
52. K.Babić-Samardžija, S.P.Sovilj, V.M.Jovanović: "The effect of the β -diketone R-groups on spectral and electrochemical behaviour of binuclear Cobalt(II) mixed-ligand complexes", *3rd International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, Buckurest (Romania) September 2002
53. S.P.Sovilj, K.B.Babić-Samardžija, V.M.Jovanović: "Spectral and electrochemical behaviour of new symmetric Cobalt(III) complexes with tetraazamacrocyclic and β -diketonato ligands", *The 35th International Conference on Coordination Chemistry*, Haidelberg (Germany), July 2002
54. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Electrochemical examination of Cobalt(II) complexes with octaazamacrocyclic and β -diketonato ligands", *6th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Book of papers p.281-283, Belgrade, September 2002.
55. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Comparative electrochemical study of some cobalt(II) and cobalt(III) complexes with azamacrocycles and β -diketonato ligands", *3rd Aegean analytical chemistry days*, Proceedings p. 460-462, Lesvov (Greece), October 2002
56. V.M.Jovanovic and M.Djikanovic: "Synthesis and Characteristic of Antimony Sensor for Ružička Type Ion-Selective Electrode", *2nd International Conference of Chemical Societies of the South-Eastern European Countries on Chemical Science for Sustainable Development*, abs. PO 345 Halkidiki (Greece), June 2000
57. V. M. Jovanović, K. Babić-Samardžija and S. P. Sovilj: "Electrochemical Stability of Cobalt(III) Complexes with Macrocyclic and Heterocyclic Dithiocarbamate Ligands", *51st Meeting of International Society of Electrochemistry*, Warsaw (Poland), September 2000, abs.
58. V.M.Jovanović, K.Babić-Samardžija and S.P.Sovilj: "Investigations of Mixed-Ligand Cobalt(III) Complexes by Electrochemistry in Aqueous and Non-Aqueous Solutions" *5th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Book of papers p.231-233, Belgrade, septembar 2000.
59. S.Sovilj, G.Vučković and V.M.Jovanović: "Cyclic Voltammetry of the Dicobalt(II) Octaazamacrocyclic Complex with Unsymmetric Oxalato Bridged Ligand", *4th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Book of papers p.267-269, Belgrade, septembar 1998.
60. S.Stanković, V.Jovanović and M.S.Jovanović: "Anion Selective Electrodes Based on Conducting Polypyrrole Polymerised Chemically and Electrochemically" *International Conference on Environmental Impact of Polymeric Materials*, Book of abs. p.59, Rehovot (Israel), Juny 1996
61. S.Stanković, V.Jovanović and M.S.Jovanović: "Nitrate-Selective Electrodes Based on Conducting Polypyrrole Polymerised Electrochemically", *4th European Symposium on Electrochemical Engineering*, Book of abs. p...., Praha (Czeska) August 1996
62. V.M.Jovanović, J.Stevanović, R.Stevanović and A.Dekanski: "Influence of surface roughness on electrochemical activity of Pt and GC/Pt electrodes", *47th Meeting of International Society of Electrochemistry*, Veszprem (Hungary), September 1996, abs.P1a-21
63. V.M.Jovanović and M.Avramov-Ivić: "Electrochemical oxidation of small organic molecules on oxides of noble metal electrodes", *47th Meeting of International Society of Electrochemistry*, Veszprem (Hungary), September 1996, abs.P1a-22
64. V.M.Jovanovic and M.S.Jovanovic: "Deposited on Silver/Silver Halide Electrodes - Properties and Applications", *International Symposium on Analytical Chemistry*, Samarkard, Januar 1995, Abs. p. 42
65. V.M.Jovanovic and M.S.Jovanovic: "Potential Characteristics of Deposited Ag/Ag₂S Selective Electrodes and Possibilities of their Applications", *International Symposium on Analytical Chemistry*, Samarkard, Januar 1995, Abs. p. 43
66. S.M.Stankovic, V.M.Jovanovic and M.S.Jovanovic: "Ion-Selective Electrodes Prepared on Glassy Carbon as

- a Sensor Carrier and their Application", *International Symposium on Analytical Chemistry*, Samarkand, Januar 1995, Abs. p. 52
67. V.M.Jovanović, A.Dekanski and M.S.Jovanović: "Sensor based on Poly(pyrrole) doped with bisulphate - electrochemical and surface characterisation", *46th Meeting of Inretnational Society of Electrochemistry*, Xiamen (China), August 1995, abs. I-3-29
 68. V.M.Jovanović, G.Vlajnić and M.Avramov-Ivić: "Electrooxidation of refluxed CH₂O and CH₂O stabilized with CH₃OH at Ag modified GC electrodes in 0.1 M NaOH", *46th Meeting of Inretnational Society of Electrochemistry*, Xiamen (China), August 1995, abs. 4-53
 69. J.Stevanović, V.M.Jovanović, A.Dekanski and R.Stevanović: "Electrochemical and surface properties of glassy carbon and poly(pyrrole) activated by deposition of Ag and Pt", *46th Meeting of Inretnational Society of Electrochemistry*, Xiamen (China), August 1995, abs. 6-36
 70. G.Vlajnić, V.M.Jovanović and M.Avramov-Ivić: "Electrooxidation of refluxed CH₂O and CH₂O stabilized with CH₃OH at Ag modified GC electrodes in 0.1 M NaOH", *46th Meeting of Inretnational Society of Electrochemistry*, Xiamen (China), August 1995, abs. 4-54
 71. V.M.Jovanović, A.Dekanski, J.Stevanović and R.Atanasoski: "Effect of treatment on surface properties of Glass-like carbon", *45th Meeting of Inretnational Society of Electrochemistry*, Porto (Portugal), August 1994, abs. VII-52
 72. A.Dekanski, V.M.Jovanović, J.Stevanović and R.Atanasoski: "STM Images of silver modified glass-like carbon", *45th Meeting of Inretnational Society of Electrochemistry*, Porto (Portugal), August 1994, abs. V-14
 73. A.Tripković, M.Avramov-Ivić, V.Jovanović, J.Popić and R.Adžić: "Electrochemical reduction of carbon dioxide on modified surfaces", *45th Meeting of Inretnational Society of Electrochemistry*, Porto (Portugal), August 1994, abs. V-81
 74. V.M.Jovanović, A.Dekanski, J.Stevanović, N.Marinković and R.Atanasoski: "Electrochemical Characterisation of Silver Modified Glassy Carbon Electrodes", *44th Meeting of Inretnational Society of Electrochemistry*, Berlin (Germany), September 1993, abs. II 1.27
 75. A.Dekanski, V.M.Jovanović, P.Despotov, B.Nikolić and R.Atanasoski: "Corrosion Stability of Active Oxide Coatings on Titanium and Glassy Carbon Electrodes in Chlorine Evolution Reaction", *44th Meeting of Inretnational Society of Electrochemistry*, Berlin (Germany), September 1993, abs. II 3.35
 76. V.M.Jovanović, M.Avramov-Ivić, R.Adžić, G.Vučković and J.Popić: "Electrochemical Reduction of Carbon Dioxide on Glassy Carbon Surfaces Modified by Metal Complexes", *International Conference on Modern Electrochemistry in Industry and for the Protection of Environment*, Krakow (Poland), October 1993, p.-4.3.
 77. J.Popić, M.Avramov-Ivić, R.Adžić and V.M.Jovanović: "Electrochemical Reduction of Carbon Dioxide on Ru Electrode Modified with Cu and Cd", *International Conference on Modern Electrochemistry in Industry and for the Protection of Environment*, Krakow (Poland), October 1993, p.-4.4.
 78. Lj.Markičević, S.Stanković, R.Stanković, V.M.Jovanović and M.S.Jovanović: "The Behaviour of Polypyrrol Doped with Different Anions as an Ion-Selective Electrode", *ESEAC (European Symposium of Electroanalytical Chemistry)*, Utrecht (The Nederland) Jun 1992, Book of Abs. p.35
 79. V.M.Jovanović, M.Avramov-Ivić and R.T.Atanasoski: "Electrochemical Oxidation of Alcohols on Silver Modified Glassy Carbon Electrode", *43rd Meeting of Inretnational Society of Electrochemistry*, Cordoba (Argentina), September 1992, abs. 2-15
 80. A.Dekanski, V.M.Jovanović, J.Stevanović and N.Marinković: "Electrochemically Activated and Modified Glassy Carbon Electrode", *43rd Meeting of Inretnational Society of Electrochemistry*, Cordoba (Argentina), September 1992, abs. 2-16
 81. S.Stanković, V.M.Jovanović, R.Stanković and M.S.Jovanović: "Anion-Selective Electrodes based on Conducting Polypyrrol", *33rd IUPAC Congress*, Budapest (Hungary), avgust 1991, book of abstr., p.116, abs.3074
 82. R.Vidić, M.Đikanović, V.M.Jovanović and M.S.Jovanović: "New Approach to the Problem of Sulphate Sensitive Electrodes", *33rd IUPAC Congress*, Budapest (Hungary), avgust 1991, book of abstr. p.116, abst.3075
 83. G.A.Ragoisha, V.M.Jovanović, M.Avramov-Ivić, R.T.Atanasoski and W.H.Smyrl: "Electrochemical Oscillations in Formaldehyde Oxidation on Heterogeneous Electrodes in Alkaline Solutions", *42nd Meeting of International Society of Electrochemistry*, Montreux (Swiss), august 1991, abstr. 7-075
 84. V.M.Jovanović, N.S.Marinković, A.Dekanski and J.Stevanović: "Electrochemical, AES and XPS Study of Oxidised Glassy Carbon", *8th International Seminar on Electron Spectroscopy*, Book of Abs. p.31, Zakopane (Poland), September 1990.
 85. V.M.Jovanović, J.Stevanović, A.Dekanski and R.Atanasoski: "Electrochemically Activated Glassy Carbon Electrodes", *41th Meeting of International Society of Electrochemistry*, Proc. II Th-26, Prag (ČSSR), August 1990.
 86. A. Dekanski, N.S. Marinković, J. Stevanović, and V.M. Jovanović: "Electrochemical and Surface Properties of Modified Glassy Carbon", *41th Meeting of International Society of Electrochemistry*, Prag (ČSSR), avgust 1990. Proc. II Fr-14
 87. G.A.Ragoisha, V.M.Jovanović, M.Avramov-Ivić, R.T.Atanasoski and W.H.Smyrl: "The Oxidation of Small Organic Molecules on Silver Modified Glassy Carbon", *41th Meeting of International Society of Electrochemistry*, Prag (ČSSR), avgust 1990. Proc. I Mo-129
 88. V.M.Jovanović, S.Stanković, M.Đikanović and M.S.Jovanović: "Determination of Cyanide and Mercaptan Levels of Waste Water. The Application of Glassy Carbon Substrated "Cyanide Sensible" Electrodes", *Euroanalysis VII*, Vienna (Austria), avgust 1990., Book of Abs. A 1.2. P.Tu 25

89. V.M.Jovanović, G.A.Ragoisha, M.Avramov, R.T.Atanasoski and W.H.Smyrl: "Electrochemically Activated and Silver Modified Glassy Carbon", *178th Meeting of Electrochemical Society*, Seattle (USA), octobar 1990,
90. V.M.Jovanović and M.S.Jovanović: "A Coulometric, Iodinometric Determination of Thioglycollic Acid Using the Depolarisation End-Point Detection on Glassy Carbon - Calomel Indicating Couple", *International Symposium of Analytical Chemistry*, Anal.Proc. 266 (1989) R28.,Cambridge (England), August 1989.
91. V.M.Jovanović and M.S.Jovanović: "Microscale Alkalimetric Determination of Thioglycollic Acid Applying Twin Glassy Carbon Couple as the Indicator", *11th International Symposium on Microchemistry*, , Analytische Chem., 334 (7) (1989) 703., Wiesbaden (Germany), August 1989
92. A.Dekanski, M.S.Marinković, J.Stevanović, V.M.Jovanović, Z.Lausević and M.Lausević: "Properties of glassy carbon modified by immersing in metal cation solution", *7th International Conference on Solid Surface*, Book of abs. p. ,Koln (BDR), September 1989.
93. V.M.Jovanović and M.S.Jovanović: "A Contribution to the Question of E0 Values of Silver Sulphide Selective Electrode in Sulphide and Cyanide Solutions", *5th Scientific Session on Ion-Selective Electrodes*, Book of Abs. p.57, Matrafured (Hungary), Oktober 1988.
94. A.Dekanski, V.M.Jovanović, R.Atanasoski and B.Nikolić: "The Role of the Substrat in the Stability of RuO2 Catalyst", *39th Meeting of International Society of Electrochemistry*, Ext.Abs. p.560, Glasgow (England), September 1988
95. V.M.Jovanović and M.S.Jovanović: "Determination of Sulphide and Cyanide Levels in Biochemical and Environmental Control Using a Ag/Ag2S Wire Electrode", *International Symposium on Electroanalysis in Biomedical, Environmental and Industrial Sciences*, Book of abs. p.19-21, Cardiff (Engleska), april 1987.
96. V.M.Jovanović, A.Dekanski, P.Despotov, R.Atanasoski and B.Nikolić: "Corrosion Stability of Ruthenium(IV) Oxide - Titanium(IV) Oxide Coatings on Glassy Carbon Electrodes in Chlorine Evolution Process", *38th Meeting of International Society of Electrochemistry*, Ext.Abs. 6.96 p.729, Maastricht (Holland), September 1987
97. A.Dekanski, R.Atanasoski, P.Despotov, Z.Minevski, V.Jovanović and B.Nikolić: "The Corrosion Stability of the Ruthenium - Iridium Coating", *38th Meeting of International Society of Electrochemistry*, Ext.Abs. 6.97 p.730, Maastricht (Holland), September 1987
98. V.M.Jovanović, M.Sak-Bosnar and M.S.Jovanović: "Detremination of Low Level of Cyanide Using a Deposited-on-Wire Silver/Silver Sulphide Anion-Selective Electropde", *10th International Symposium on Microchemistry*, Book of abs. p.193, Antwerpen (Belgium), August 1986.,
99. V.M.Jovanović, M.Radovanović and M.S.Jovanović: "Behaviour and Properties of Silver Based, Melt-Coated Silver Halide Selective Electrodes", *4th Scientific Session on Ion-Selective Electrodes*, Book of abs. p.45, Matrafured (Hungary), October 1984
100. V.M.Jovanović and M.S.Jovanović: "A Contribution to the Applicability of Sulphide-Sensed "All-Solid State" Selective Electrodes", *16th Scientific Conference of Chemistry Students*, Book of abs. p.10, Debrecen (Hungary), April 1983.