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Naucni savetnik



Profesionalno iskustvo    Oblasti interesovanja    Projekti    Izabrane publikacije

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**Obrazovanje:** 1976 diplomirani hemicar, biohemija, Prirodno matematički fakultet Univerziteta u Beogradu  
1978 magistar nauka, Univerzitet u Beogradu  
1986 doktor nauka, Univerzitet u Beogradu

**Zvanja:** 1976 istraživač pripravnik  
1978 istraživač saradnik  
1986 naučni saradnik  
1993 viši naučni saradnik  
1998 naučni savetnik

**Članstva u društvima:** Srpsko hemijsko društvo  
International Society of Electrochemistry

**Profesionalno iskustvo:** 1978 – stalno zaposlena IHTM, Centar za elektrohemiju, Univerzitetu u Beogradu  
1982. Department of Chemistry, Southampton University, Great Britain, deo doktorskih studija  
1987. Department of Electrochemistry, University of Quebec, Canada, post doktorske studije  
1990. Department of Physical Chemistry, University of Bonn, Germany, post doktorske studije  
1990. Department of Chemistry, University of Poitiers, France, post doktorske studije

**Nagrade i priznanja:**

2002 S.D.Petrovic, **M.Avramov Ivic**, zlatna medalja sa likom Nikole Tesle za novu tehnologiju, postupak stabilizovanja individualnog supstrata za spektroskopsko otkrivanje maligniteta i nova dijagnostička metoda, izložba "Pronalazastvo", Beograd

2003 gold medal, Sd.Petrovic, **M.Avramov Ivic**, Individual substrate stabilization procedure for spectroscopic detection of malignancy and new diagnostic method., International meeting of inventions, ARHIMED, Moskva, Rusija

2003.gold medal, S.D.Petrovic, **M.Avramov Ivic**, TU set for fast diagnostics of malignancy, WIPO, Geneva, Switzerland

**Oblasti interesovanja:** Spektroskopska dijagnostika malignih oboljenja iz različitih telesnih tečnosti i automatizacija kliničkih signala. Elektroanalitika lekova i proučavanje njihove elektrohemijske aktivnosti na različitim elektrodnim površinama u kombinaciji sa Uv Vis i infracrvenom spektroskopijom, gasno masenom i hromatografijama sa visokim performansama. Modifikovane elektrodne površine u ispitivanju lekova, enzima, pesticide i organskih boja.

**Stručne veštine:** Uv Vis spektroskopska klinička dijagnostika malignih oboljenja iz ascita, pleuralnih izliva i drugih telesnih tečnosti  
Od 2007 diploma savetnika transakcione analize

**Znanje jezika:** Engleski, nemacki i ruski govori i pise, francuski govori

**Najznačajniji projekti: Međunarodni:\***  
1993 Electrochemical Reduction of Carbon Dioxide on Modified Surfaces, European Community Project, ICTM-Department of Electrochemistry, Belgrade - Department of Physical Chemistry, University of Bonn, Germany, Co. No. CII\*CT90-0866 (TS TS), 1991-1993.  
.....  
**Osnovna istraživanja:\***  
2001-2016 Proučavanje sinteze, strukture i aktivnosti organskih jedinjenja prirodnog isintetskog porekla  
Ministarstvo za obrazovanje, nauku i tehnoloski razvoj Srbije

## Primenjena istraživanja:

### Patenti:

**2006.** Petrovic Slobodan, **Avramov Ivic Milka**, METOD STABILIZACIJI INDIVIDUALNOG SUBSTRATA DLJA SPEKTRALNOG OPREDELJENJA ZLOKACESTVENOSTI, Ruska Federacija, Federal council for intelektual property PATENT Ru No **2285443C2**, 20.10.(2006),1-11

**20007**Petrović S, **Avramov-Ivić M**, Sposib stabilizacij individualjnog substratu dlja spektraljnog viznacennja zlojakisnosti, Ukraina, Golova Derzavnogo departamentu intelektualnoj vlasnosti, Patent na vinahid **No78740**, 25.05.2007

**2008** Petrović S, **Avramov-Ivić M**, Postupak stabilizovanja individualnog supstrata za spektroskopsko otkrivanje maligniteta ,P-2001/877,12.12.2001 Priznato pravo upisano je 19.11.2008.

Patent je realizovan u Institutu za onkologiju Sremska Kamenica

**2010.****Milka L. Avramov Ivic**, Slobodan D. Petrovic, Dusan Z. Mijin, Katica Drljevic, Djuric, Novi postupak elektrohemijskog odredjivanja azitromicina, .Milka L. Avramov Ivic, Slobodan D. Petrovic, Dusan Z. Mijin, Katica Drljevic, Djuric, Novi postupak elektrohemijskog odredjivanja azitromicina, . Patentna prijava p-1161/2004.. Patentno pravo upisano je 11.06.2010., Realizovan patent

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### Izabrane publikacije: Monografije, poglavlja u knjigama:\*

- 1.M.Avramov Ivić, S.D.Petrović and D.Mijin, Modern Aspects of Electrochemistry series with the title : "Biomedical and Pharmaceutical Applications of Electrochemistry" Chapter 2 (2016), Springer, in press
- 2.Slobodan D. Petrovic, Dusan Z. Mijin iMilka L.Avramov Ivic ,Najnovija dostignuca u katalizi nekih reakcija dobijanja farmaceutskih proizvoda i finih hemikalija, Monografija, Kataliza u naučnim i obrazovnim programima i u društvenom razvoju Srbije,Srpska Akademija nauka i umetnosti, ogranak u Novom Sadu,(2010).83-93
- 3.Slobodan D. Petrovic, Milka L.Avramov Ivic and Dusan Z. Mijin, recent advances in catalysis of some farmaceuticals and fine chemicals synthesis, NEW CHALLENGES IN CATALYSIS , Serbian Academy of Sciences and Arts, MONOGRAPHS,IV (2008), 111-127
- 4.Milka L.Avramov ivic and Slobodan D.Petrovic, Electrocatalysis of the oxidation and of the reduction of some antibiotics and antitumor drugs, NEW CHALLENGES IN CATALYSIS , Serbian Academy of Sciences and Arts, MONOGRAPHS, IV (2006) 201-212

### Publikovani radovi:\*

- 1.Jelena D. Lović, Dušan Ž. Mijin, Mića B. Jovanović, Olivera S. Glavaški, Tijana M. Zeremski, Slobodan D. Petrović and **Milka L. Avramov Ivić**, An investigation of tebuconazole degradation using a gold electrode, Comptes Rendus Chimie, (2016), 1-7, <http://dx.doi.org/10.1016/j.crci.2016.01.014>
- 2.Olga Vajdle, Valéria Guzvány,, Dušan Škoric, Jasmina Anojcic, Pavle Jovanov, **Milka Avramov-Ivic**, János Csanádi, Zoltán Kónyad,, Slobodan Petrovic, Andrzej Bobrowski, Voltammetric behavior of erythromycin ethylsuccinate at a renewable silver-amalgam film electrode and its determination in urine and in a pharmaceutical preparation, Electrochimica Acta 191 (2016) 44–54
- 3.Ljiljana Tolić, Jelena Lović, Slobodan Petrović, Dušan Mijin, Svetlana Grujić, Mila Laušević, **Milka Avramov Ivić**, Investigation of electrochemical behavior of anisomycin on gold electrode followed by HPLC-MS/MS analysis , Electrochemistry Communications , volume 58, 20-24 (2015)
- 4.Danijela V. Brkovic, **Milka L.Avramov Ivic**, Vesna M. Rakic,Luka Valentini, Petar Uskokovic and Aleksandar Marinkovic, Electrical and morphological characterization of multiwalled carbon nanotubes functionalized via the Bingel reaction, Journal of Physics and Chemistry of Solids, volume 83,121-134, DOI: 10.1016/j.jpcs.2015.04.004 (2015)
- 5.Nemanja P. Trišović , Bojan Dj. Božić , Jelena D. Lovic, Vesna D. Vitnik, Željko J. Vitnik, Slobodan D. Petrovic , **Milka L. Avramov Ivic** , Electrochemical characterization of phenytoin and its derivatives on bare gold electrode, Electrochimica Acta 161 (2015) 378–387 ISSN: 0013-4686
- 6.Aleksandar R. Mladenovic, Milka B. Jadranin, Aleksandar D. Pavlovic, Slobodan D. Petrovic, Sasa Drmanic , **Milka Avramov Ivic**, Dusan Mijin, Liquid chromatography and liquid chromatography-mass spectrometry analysis of donepezil degradation products, Chemical industry&Chemical Engineering Quarterly, 2015 21 (3):447-455 (2015)
- 7.O. S. Glavaški, S. D. Petrović, D. Ž. Mijin, M. B. Jovanović, A. M. Dugandžić, T. M. Zeremski and **M. L. Avramov Ivić**, Electrochemical Degradation of the Pesticide Dimethenamid-P at Gold, DSA Platinum and Ruthenium Oxide Electrodes in Different Electrolytes , Electroanalysis, vollume 26, issue 9, 1877-1880 (2014) Article first published online: 30 JUL 2014, DOI: 10.1002/elan.201400249, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim ISSN: 1521-4109"
- 8.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, vollume 26, issue 5, 893–897 (2014), WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim ISSN: 1521-4109
- 9.Jelena Mirković, Jelena Lović, **Milka Avramov Ivić** and Dušan Mijin, Electrooxidative behavior of arylazo pyridine dyes and their inclusion complexes on gold electrode in 0.1M NaOH, Electrochimica Acta, Volume 137, (2014), Pages 705–713, Elsevier, ISSN: 0013-4686
- 10.Dubravka R. Jevtić, **Milka L. Avramov Ivić**, Irini S. Reljin , Branimir D. Reljin, Goran I. Plavec , Slobodan D. Petrović , Dušan Ž. Mijin, Diagnostic spectroscopic and computer-aided evaluation of malignancy from UV/VIS spectra of clear pleural effusions, Physica A : Statistical Mechanics and its Applications, 403 (2014) 206–216, Elsevier, ISSN: 0378-4371 <http://www.sciencedirect.com/science/article/pii/S0378437114001289> [10.1016/j.physa.2014.02.026"](http://dx.doi.org/10.1016/j.physa.2014.02.026)
- 11.Marija Mirkovic, Nadezda Nikolic, Dusan Mijin, **Milka Avramov Ivic**, Agnes Kapor and Zoran D. Tomic, Synthesis, characterization and crystal structure of [Cu<sub>2</sub>(LH)<sub>2</sub>](ClO<sub>4</sub>)<sub>2</sub>. Influence of the weak Cu···O(perchlorate) interaction on the structure of Cu<sub>2</sub>N<sub>2</sub>O<sub>2</sub> metalocycle, Journal of Serbian Chemical Society, 79 (5) 545–556 (2014)
- 12.Nemanja P. Trišović, Bojan Đ. Božić, Slobodan D. Petrović, Svetlana J. Tadić, **Milka L. Avramov Ivić**,

Electrochemical characterization and determination of carbamazepine as pharmaceutical standard and tablet content on gold electrode, *Hemijska industrija*, Volume 68, Issue 2, Pages: 207-212 (2014)

13. Zora Ž. Stojilkovic, Milka B. Jadranin, Svetlana Lj. Đuric, Slobodan D. Petrovic, **Milka L. Avramov Ivic**, Dusan Ž. Mijin, Investigation of forced and total degradation products of amlodipine besylate by liquid chromatography and liquid chromatography-mass spectrometry, *Chemical Industry&Chemical Engineering Quarterly*, 20(2):295-304 (2014).

14. Aleksandar R. Mladenovic, Vladislava M. Jovanovic, Slobodan D. Petrovic, Dusan Ž. Mijin, Sasa Ž. Drmanic and **Milka L. Avramov Ivic**, Determination of Clopidogrel using Square Wave Voltammetry on Gold Electrode, *Journal of Serbian Chemical Society* 78(12) 2131-2140 (2013)

15. 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  $\beta$ -cyclodextrin and (2-hydroxypropyl)- $\beta$ -cyclodextrin, *International Journal of Electrochemical Science* 8 (7):9543-9557 (2013)

16. Aleksandar R. Mladenovic, Vladislava M. Jovanovic, Slobodan D. Petrovic, Dusan Ž. Mijin, Sasa Ž. Drmanic and **Milka L. Avramov Ivic**, Determination of Clopidogrel using Square Wave Voltammetry on Gold Electrode, *Journal of Serbian Chemical Society* 78(12) 2131-2140 (2013)

17. Marina Nevescanin, **Milka L. Avramov Ivic**, Slobodan D. Petrovic, Dusan Ž. Mijin, Sonja Banovic Stevic and Vladislava M. Jovanovic, The use of gold electrode in determination of amphetamine derivatives and application to analysis in human urine, *Journal of Serbian Chemical Society*, 78 (0) 1–13 (2013)

18. Bojan Dj. Bozic, **Milka L. Avramov Ivic**, Nemanja P. Trisovic, Slobodan D. Petrovic, and Gordana S. Uscumlic, Electrochemical Characterization of Oxaprozin on Bare Gold Electrode and Electrode Modified with Bovine Serum Albumin, *International Journal of Electrochemical Science* 7 (2012) 11609–11616

19. Nevena Ž. Prlainović, Dejan I. Bezbradica, Zorica D. Knežević-Jugović, Sanja I. Stevanović, **Milka L. Avramov Ivić**, Petar S. Uskoković, Dušan Ž. Mijin "Adsorption of Lipase from *Candida rugosa* on Multi Walled Carbon Nanotubes", *Journal of Industrial and Engineering Chemistry*, Volume 19, Issue 1, 25 January 2013, Pages 279–285 Corresponding author. Tel.: +381 11 3370 460; fax: +381 11 3370 387. Received 13 March 2012 Accepted 14 August 2012 Available online 21 August 2012"

20. Dušan Ž. Mijin, **Milka L. Avramov-Ivić**, Antonije E. Onjia, Branimir N. Grgur, "Decolorization of textile dye CI Basic Yellow 28 with electrochemically generated active chlorine" *Chemical Engineering Journal* Volumes 204–206, (2012), Pages 151–157

21. Stoilkovic, Z. Z.; **Avramov Ivic, M. L.**; Petrovic, S. D.; Mijin, D. Z.; Stevanovic, S. I.; Lacnjevac, U. C.; Marinkovic, A. D., Voltammetric and Square-Wave Anodic Stripping Determination of Amlodipine besylate on Gold Electrode, *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE* 7 (3) (2012) :2288-2303

22. **Milka L. Avramov Ivić**<sup>1</sup>, Slobodan D. Petrović<sup>2,3</sup>, Dušan Ž. Mijin<sup>2</sup> and Katica M. Drljević-Durić<sup>4</sup>, the qualitative determination of oseltamivir phosphate in Tamiflu® capsule by cyclic voltammetry, *Hem.ind.*65(1)87-91(2011)

23. Petar Bulat<sup>1,2</sup>, **Milka L. Avramov Ivić**<sup>3</sup>, Mića B. Jovanović<sup>4</sup>, Slobodan D. Petrović<sup>4</sup>, Dragan Miljuš<sup>5</sup>, Tanja Todorović<sup>6</sup>, Marica M. Miladinov-Mikov<sup>7</sup> and Milka Bogdanović<sup>2</sup>, Cancer Incidence in a Population Living Near a Petrochemical Facility and Oil Refinery, *Collegium Antropologicum* 35 (2) 377-383(2011)

24. K.M. Drljevic-Djuric, **M.L. Avramov Ivic**, S. D. Petrovic, D. Z. Mijin AND M. B. Jadranin, "A voltammetric method for quantitative determination of midecamycin compared to its simultaneous HPLC determination, *Russ. J. Electrochem.*", Vol. 47, No. 7, pp. 833–838. (2011)

25. K.M. Drljevic-Djuric, V.D. Jovic, U C Lacnjevac, **M.L. Avramov Ivic**, S.D. Petrovic, D.Ž. Mijin, S.B. Djordjevic, Voltammetric and differential pulse determination of roxithromycin, *Electrochimica Acta* 56 (2010) 47–52

26. **Milka L. Avramov Ivić**, Slobodan D. Petrović, Predrag M. Živković, Dušan Ž. Mijin, Katica M. Drljević: A study of the catalytic role of a gold electrode in the electrochemical activation of four macrolide antibiotics in sodium bicarbonate solution, *Chemical Industry&Chemical Engineering Quarterly* 16 (2)111-116 (2010)

27. S. Strbac and **M. Avramov Ivic**, Oxidation of Formaldehyde and Ethanol on Au(111) Modified by Spontaneously Deposited Ru in Sulfuric Acid Solution, *Electrochimica Acta* 54 (2009) 5408–5412

27. A.V. Tomasevic, **M.L. Avramov Ivic**, S.D. Petrovic, B.M. Jovanovic and D.Z. Mijin, a study of the electrochemical behaviour of methomyl on a gold electrode in the neutral electrolyte, *J. Serb. Chem. Soc* 74 (5) 573-579(2009)

28. **M.L. Avramov Ivic**, S.D. Petrovic, D.Z. Mijin, F. Vonmoos, D.Z. Orlovic, D.Z. Marjanovic and V.V. Radovic, The electrochemical behavior of Erythromycin A on gold electrode, *Electrochimica Acta*, 54 (2008)649-654

29. Irini S. Reljin, Branimir D. Reljin, **Milka L. Avramov Ivic**, Dusan V. Jovanovic, Goran I. Plavec, Slobodan D. Petrovic, Gordana M. Bogdanovic, Multifractional analysis of the UV/VIS spectra of malignant ascites: Confirmation of the diagnostic validity of a clinically evaluated spectral analysis, *Physica A: Statistical Mechanics and its Applications* 387(2008)3563-3573, Elsevier, ISSN: 0378-4371

30. **M.L. Avramov Ivić**, S.D. Petrović, V. Vonmoos, D.Ž. Mijin, P.M. Živković, K.M. Drljević, The Electrochemical Behavior of Commercial Clarithromycin and Spectroscopic detection of Its Structural Changes, *Russ. J. Electrochem.* 44,8,(931-936),2008

31. **M.L. Avramov Ivić**, S.D. Petrović, F. Vonmoos, D.Ž. Mijin, P.M. Živković, K.M. Drljević, The qualitative electrochemical determination of clarithromycin an spectroscopic detection of its structural changes at gold electrode, *Electrochem. Commun.* 9 (2007) 1643

32. **M.L. Avramov Ivić**, S.D. Petrović, D.Ž. Mijin, *J. Serb. Chem. Soc.* A study of the electrochemical activity of some macrolide antibiotics on a gold electrode in neutral electrolyte, *J. Serb. Chem. Soc.* 72(12)72(12)1427-1436 (2007)

33. **M.L. Avramov Ivic**, S.D. Petrovic, D.Z. Mijin, P.M. Zivkovic, I.M. Kosovic, K.M. Drljevic, M.B. Jovanovic, Studies on electrochemical oxidation of azithromycin and Hemomycin at gold electrode in neutral electrolyte, *Electrochimica Acta.* 51(2006) 2407-2416

34. G. Plavec G., **Avramov Ivic M**, Petrovic SD., Tomic I, Loncarevic O, Jovanovic D, UV/VIS spectrophotometry as a screening method for malignancy in pleural effusion. *European Respiratory Journal*, volume 26, supplement 49/735 p562, (2005)

35. **M. Avramov Ivic**, S. D. Petrovic, E. Kalman, T. Milosavljevic, I. Reljin, B. Reljin, G. Bogdanovic, V. VIT. Baltic and Z. Keresztes, AFM studies OF DNA structures extracted from adriamycin treated and non-treated Ehrlich tumor cells, *J. Serb. Chem. Soc.* 70 (6) 823-831(2005)

36. **M. Avramov Ivic**, J. Popic and D. Antonovic, The electrocatalytic properties of surface oxides on the electrodes of gold, platinum and stainless steel W.Nr.14301 in the electrooxidation of malic acid, *Russian Journal of Electrochemistry*, vol 41, no3, pp270-274(2005)

37. **M.L. Avramov Ivic**, S.D. Petrovic, P.M. Zivkovic, N.D. Nikolic, K.I. Popov, An electrochemical illustration of the mathematical modelling of chlorine impact and acidification in electrochemical tumour treatment and its application on agar-agar gel system, *Journal of Electroanalytical Chemistry*, 549(2003) 129-135

- 38.L.Matija, **M.Avramov-Ivić** and V.Kapetanovic, Different aspects of Electrochemical Investigations of Carbon Soot Containing Endohedral Fullerenes and C60 Molecules in Neutral and Alkaline Electrolytes, *Materials Science Forum* Vol.413 (2003) pp.53-58
- 39.**M.Avramov-Ivić**, S.D.Petrović, "Electrochemical behavior of azithromycin on gold electrode" *Arhiv za farmaciju*, 52(4) (2002)
- 40.**M.Avramov-Ivić**, S.Štrbac and V.Mitrović, The electrocatalytic properties of the oxides of noble metals in the electrooxidation of methanol and formic acid, *Electrochimica Acta*, 46( 2001) 3175-3180
- 41.J.Popić, **M.Avramov-Ivić** and I. Doroslovački, Electrochemical behaviour of stainless steel W.Nr. 1.4301 in the malic acid and sulphur dioxide solution, *Corrosion Science* 43 (2001)1601-1613.
- 42.Tanja R.Vidaković, **Milka L.Avramov-Ivić** and Branislav Ž.Nikolić, The electro-oxidation of the mixture of formaldehyde and 2-propanol on gold (100) and (111) single crystal planes an alkaline medium *J.Serb.Chem.Soc.* 65(12)(2000) 915-922.
- 43.**M.Avramov-Ivić**, L.Matija, D.Antonović, R.O.Louffy, T.Lowe, P.Rakin, The electrochemical behaviour of carbon dust, metals and fullerenes present in carbon soot, *Materials Science, Forum* 352 (2000)134-142
- 44.**M.Avramov Ivić**, V.Kapetanović, M.Aleksić and P.Zuman, Electroreduction of cefetamet on mercury, platinum and gold electrodes, *J.Serb.Chem.Soc.* 65(1) (2000) 47-53.
- 45.M.Čakar, V.Vasić, Lj.Petkovska, D.Stojić, **M.Avramov-Ivić**, G.Milovanović, Electrochemical investigations of some new oximes - acetal cholinesterase reactivators, *Journal of pharmaceutical and biomedical analysis*, 20 (1999) 655-662.
- 46.**Milka Avramov-Ivić**, Jelena Zdravković, Dragan Vuković, Ubavka Mioč i Gordana Bogdanović, *Archive of Oncology*, (1999), 7 (1) : 27-8.
- 47.**M.Avramov-Ivić**, T.Vidakovic and B.Z.Nikolic, Catalytic Behaviour of Gold and Platinum electrodes Modified by formaldehyde (Iso-propanol) in Electrooxidation of Iso-propanol (Formaldehyde) in 0.1 M NaOH, *Materials Science Forum*, Vols 282-283 (1998), pp 165-170
- 48.V.Mirčeski, B.Jordanoski and **M.Avramov-Ivić**, A polarographic and voltammetric study of the surface phenomena at a mercury electrode in the presence of sulfur containing compounds, *J.Serb.Chem.Soc.* 63 (9) 718-732 (1998).
- 49.**M.Avramov-Ivić**, T.Vidaković and B.Nikolić, Some aspects of the electrochemical behavior of iso-propanol on noble metal electrodes in 0.1 M NaOH, *Advanced Materials and Processes, Trans.Tech. Publication Vols 282-283 (1998)*.
- 50.T.Vidaković, **M.Avramov-Ivić**, B.Nikolić, V.Ivanović and S.Zečević, Electrochemistry of metal tetrasulfonated phthalocyanines adsorbed on Au, Pt and Fe electrodes and their role in electrochemical oxygen reduction, *J.Serb.Chem.Soc.* 63 (1) 1998, 41-51.
- 51.J.Popić, **M.Avramov-Ivić** i I.Doroslovački, Elektrohemijsko ponašanje nerđajućeg čelika W.Nr.1.4301 u rastvorima jabučne kiseline i sumpor dioksida, *Zaštita materijala* 39 (1998) broj 4 (1-7).
- 52.J.Popić, **M.Avramov-Ivić** and D.M.Dražić, Ring detection of hydrogen evolution on a rotating disc-ring electrode, *J.Serb.Chem.Soc.*, 61, No 12 (1996), 1233-1240.
- 53.J.Popić, **M.Avramov-Ivić**, N.Vuković, Reduction of carbon dioxide on ruthenium oxide and modified ruthenium oxide electrodes in 0.5 M NaHCO<sub>3</sub> of *J. Electroanal.Chem.*, 421 (1997) 105-110.
- 54.**M.Avramov-Ivić**, V.Jovanović, G.Vlajnić and J.Popić, The electrocatalytic properties of the oxides on noble metals in electrooxidation of some organic molecules, Dedicated to professor Zuman, *J.Electroanalytical Chem.*, 423 (1997) 119-124.
- 55.G.Vučković, D.Opsenica, S.P.Sovilj, D.Poleti and **M.Avramov-Ivić**, Preparation, characterization and redox properties of 0,0-geometrical isomers of m-a and m-b aminoisobutyrate Co(II) complexes with N, N-N-tetrakis (2-pyridyl metyl)-1,4,8,11-tetraazacyclotetradecane, Submitted in *Journal of Coordination Chemistry*, Vol. 38 (1996) 1-11
- 56.J.Popić, D.Dražić, **M.Avramov-Ivić**, Izdvajanje vodonika na aluminijumu i negativni diferencijalni efekat, *Glasnik hemičara i tehnologa Republike Srpske*, 39 (1996), 5-9.
- 57.**M.Avramov-Ivić**, Prednosti i mane upotrebe elektrohemijskih i spektroskopskih metoda u medicini, *Glasnik hemičara i tehnologa Republike Srpske*, 39 (1996), 43-8.
- 58.V.M.Jovanović, **M.Avramov-Ivić** and S.Petrović, Electrochemical oxidation of formaldehyde on silver modified glassy carbon electrodes in alkaline solutions, *J.Serb.Chem.Soc.*, 60 (10) (1995) 879-891.
- 59.**M.Avramov-Ivić**, S.Štrbac, J.Zdravković, D.Vuković, U.Mioč and B.Andrić, Investigation of calcification phenomena in ophthalmology and pulmonology, *Srpski arhiv za celokupno lekarstvo*, 0370-8179, 123 (1995), 11-12, 299-303.
- 60.V.Ivanović, S.Zečević, **M.Avramov-Ivić** and B.Nikolić, Electrochemistry of metal tetrasulfonated phthalocyanines adsorbed on glassy carbon and their role in the electrochemical oxygen reduction, *J.Serb.Chem.Soc.*, 59 (12) (1994) 997-1008.
- 61.J.Z.Zdravković, **M.L.Avramov-Ivić**, D.P.Pešut, L.L.Rajner, D.R.Vuković, Malignant Pleural Effusions - New Diagnostic Possibilities, *Annals of Oncology*, 5 (suppl. 8) 1994, Kluwer Academic Press, Lisboa (1994).
- 62.P.Zuman, **M.Avramov-Ivić** and R.Adžić, A study of oxidation of benzaldehyde on single crystal gold electrodes and a comparison with formaldehyde, *J.Serb.Chem.Soc.*, 59 (8) (1994) 563-572.
- 63.S.Sovilj, G.Vučković, N.Matsumoto, **M.Avramov-Ivić**, V.Jovanović, Synthesis and characterisations of cis-oxalato- 1,48) 11-tetrasacyclotetradecanil cobalt (III) nitrate, *Journal of Coordination Chemistry*, Vol. 31, pp. (1994) 167-179.
- 64.**M.Avramov-Ivić**, J.M.Leger, B.Beden, F.Hahn, C.Lamy, Adsorption of glycerol on platinum in alkaline medium effect of the electrode structure, *J. Electroanal.Chem.*, 351, (1993) 285-297.
- 65.**M.Avramov-Ivić**, R.Adžić, Electrooxidation of small organic molecules, comparison between noble and non-noble electrode surfaces, *Portugaliae Electrochimica Acta*, 11, (1993) 77-80.
- 66.Zdravković, **M.Avramov-Ivić**, M.Tucaković, V.Čemerikić, Prilog identifikaciji stranog tela u bronhu elektrohemijskom analizom, *Pneumon (Acta Thoracica)*, Vol. 31/1, Vol. 29, No. 1,2 (1993), 87-89.
- 67.G.Ragoisha, V.Jovanović, **M.Avramov-Ivić**, R.Atanasoski, W.Smyrl, Anodic oxidation of small organic molecules on silver modified glassy carbon electrodes, *J.Electroanal.Chem.* 319, (1991) 373-379.

