Address: Faculty of Physical Chemistry-University of Belgrade, Studentski trg 12-16, 11158 Belgrade,Serbia
Tel.: +381 11 333 6 894
E-mail: biljka@ffh.bg.ac.rs

EDUCATION and PROFESSIONAL TRAINING

2004 – 2007 **Department of Physical and Theoretical Chemistry, University of Oxford, UK**
D.Phil.in Chemistry
1999 – 2003 **Faculty of Physical Chemistry, University of Belgrade, Serbia**
M.Sc. in Physical Chemistry
1994 – 1999 **Faculty of Physical Chemistry, University of Belgrade, Serbia**
B.Sc. in Physical Chemistry

2012 **Insituto Superior Tecnico, University of Lisbon, Portugal**
Postdoctoral Research Fellow
Summer 2008 **Department of Physical and Theoretical Chemistry, University of Oxford, UK**
Visiting Academic
2003 – 2004 **Department of Physical and Theoretical Chemistry, University of Oxford, UK**
Visiting Student

TEACHING CURRICULUM

2009 – Faculty of Physical Chemistry, University of Belgrade, Serbia
Assistant Professor

- Physical chemistry 1
- Forensics physical chemistry
- Physicochemical processes in the environment
- Introduction into forensics
- Electrochemistry and electrochemical methods
- Electrochemical methods
- Electroanalytical chemistry

2000 - 2003 **Faculty of Physical Chemistry, University of Belgrade, Serbia**
2007 – 2009 *Teaching Assistant*

- Physical chemistry 1 & 2
- Physicochemical processes in the environment
- Electrochemistry
- General course of physical chemistry
- Physical chemistry in environmental protection
- Application of computers in physical chemistry
- Mathematical methods in physical chemistry

RESEARCH and SCIENCE PROMOTION PROJECTS

International projects

- *Coordinator -* Transition metal oxides as electrode materials for lithium-ion batteries, bilateral collaboration Portugal-Serbia project, 01.01.2013 - 31.12.2014
- *Coordinator for Faculty of Physical Chemistry, University of Belgrade -* SCIMFONICOM 2.013 - FP7-PEOPLE-2013-NIGHT

- *Participant -* SCIMFONICOM - H2020-MSCA-2014-NIGHT

National projects

- Lithium ion batteries and fuel cells: research and development, Ministry of Science and Technological Development of Republic of Serbia, 2011-2016
- Electroconductive and redox-active polymers and olygomers: synthesis, properties and application, Ministry of Science and Technological Development of Republic of Serbia, 2011-2016
- Structural, termodinamic and electrochemical propreties of novel materials for energy conversion and components in electronic, Ministry of Science and Technological Development of Republic of Serbia, 2003, 2008 – 2011

RESEARCH INTEREST

Electrochemistry. Fuel Cells. Oxygen reduction reaction. Borohydride oxidation reaction. Water electrolysis. Hydrogen evolution reaction. Oxygen evolution reaction. Electroanalytical chemistry.

PUBLICATIONS

BOOK CHAPTER

1. César A.C. Sequeira, Biljana Šljukić, Milica Vujković, Ivana Stojković Simatović, Luis Amaral, Diogo M.F. Santos, *Developments in secondary batteries*, (Ch. 12) in FUEL CELLS AND BATTERIES (Vol. 10) of the Series ENERGY SCIENCE & TECHNOLOGY (12 VOLS.), pp. 271-313. Volume Eds. U. C. Sharma, R. Prasad, S. Sivakumar, Executive Ed. J.N. Govil, Studium Press LLC, USA, 2015.ISBN of Series 1-62699-061-1, ISBN of Volume 1-62699-071-9.

JOURNAL ARTICLES

1. Biljana Šljukić, Marta Martins, Emine Kayhan, Aldona Balčiūnaitė, Tansel Sener, Cesar A.C. Sequeira, Diogo M.F. Santos, SnO_2-C supported PdNi nanoparticles for oxygen reduction and borohydride oxidation, Journal of Electroanalytical Chemistry 797 (2017) 23–30.
   http://dx.doi.org/10.1016/j.jelechem.2017.05.013 *IF (2015) 2.822*
2. Marta Martins, Biljana Šljukić, Önder Metin, Melike Sevim, Cesar A.C. Sequeira, Tansel Şener, Diogo M.F. Santos, Bimetallic PdM (M = Fe, Ag, Au) alloy nanoparticles assembled on reduced graphene oxide as catalysts for direct borohydride fuel cells, Journal of Alloys and Compounds, 718 (2017) 204-214.
   http://dx.doi.org/10.1016/j.jallcom.2017.05.058 *IF(2015) 3.014*
3. Luis Amaral, David S. P. Cardoso, Biljana Šljukić, Diogo M. F. Santos and César A. C. Sequeira, *Room Temperature Ionic Liquids as Electrolyte Additives for the HER in Alkaline Media*, Journal of the Electrochemical Society 164(4) (2017) F427-F432.
   http://dx.doi.org/10.1149/2.0011706jes *IF (2015) 3.014*
4. Aleksandar Jović, Aleksandar Đorđević, Maria Čebela, Ivana Stojković Simatović, Radmila Hercigonja, Biljana Šljukić, Composite zeolite/carbonized polyaniline electrodes for p–nitrophenol sensing, Journal of Electroanalytical Chemistry 778 (2016) 137–147.
   http://dx.doi.org/10.1016/j.jelechem.2016.08.025 *IF (2015) 2.822*
5. Cesar A.C. Sequeira, David S.P. Cardoso, Luis Amaral, Biljana Šljukić, Diogo F. M. Santos, *On the performance of commercially available corrosion-resistant nickel alloys: a review*, Corrosion Reviews 34(4) (2016) 187–200.
   http://dx.doi.org/10.1515/corrrev-2016-0014 *IF (2015) 1.654*
6. Jadranka Milikić, Gordana Ćirić-Marjanović, Slavko Mentus, Diogo M. F. Santos, César A. C. Sequeira, Biljana Šljukić, *Pd/c-PANI electrocatalysts for direct borohydride fuel cells*, Electrochimica Acta 213 (2016) 298–305.
   http://dx.doi.org/10.1016/j.electacta.2016.07.109 *IF (2015) 4.803*
7. Jadranka Milikić, Nevena Markičević, Aleksandar Jović, Radmila Hercigonja, Biljana Šljukić, *Glass-like carbon, pyrolytic graphite or nanostructured carbon for electrochemical sensing of bismuth ion?*, Processing and Application of Ceramics 10(2) (2016) 87–95.
   http://dx.doi.org/10.2298/PAC1602087M *IF(2015) 0.994*

8. Marta Martins, Biljana Šljukić, Cesar A.C. Sequeira, Önder Metin, Mehmet Erdem, Tansel Sener and Diogo M. F. Santos, *Biobased carbon-supported palladium electrocatalysts for borohydride* fuel cells, International Journal of Hydrogen Energy 41 (2016) 10914–10922.
   http://dx.doi.org/10.1016/j.ijhydene.2016.04.039 *IF (2015) 3.205*
9. Biljana Šljukić*, Milica Vujković, Luis Amaral, Diogo M. F. Santos, Raquel P. Rocha, César A. C. Sequeira and José Luis Figueiredo, *Molybdenum Carbide Nanoparticles on Carbon Nanotubes and Carbon Xerogel: Low-Cost Cathodes for Hydrogen Production by Alkaline Water Electrolysis*, ChemSusChem 9(10) (2016) 1200–1208.
   http://dx.doi.org/10.1002/cssc.201501651 *IF (2015) 7.116*
10. Ivan Stosevski, Jelena Krstic, Jadranka Milikic, Biljana Šljukić, Zorica Kacarevic Popovic, Slavko Mentus, Scepan Miljanic, *Radiolitically synthesized nano Ag/C catalysts for oxygen reduction and borohydride oxidation reactions in alkaline media, for potential applications in fuel cells*, Energy, 101 (2016) 79-90.
   http://dx.doi.org/10.1016/j.energy.2016.02.003 *IF (2015) 4.292*
11. Sónia Eugénio, David Cardoso, Diogo F. M. Santos, Biljana Šljukić, M. Fatima Montemor, *Nanostructured 3D metallic foams for H_2O_2 electroreduction*, International Journal of Hydrogen Energy 41(32) (2016) 14370–14376.
   http://dx.doi.org/10.1016/j.ijhydene.2016.01.142 *IF (2015) 3.205*
12. Diogo M. F. Santos, Biljana Šljukić, Luis Amaral, Jadranka Milikić, César A. C. Sequeira, Daniel Macciò, Adriana Saccone, *Nickel–rare earth electrodes for sodium borohydride electrooxidation*, Electrochimica Acta 190 (2016) 1050–1056.
   http://dx.doi.org/10.1016/j.electacta.2015.12.218 *IF (2015) 4.803*
13. David S.P. Cardoso, Diogo M.F. Santos, Biljana Šljukić, César A.C. Sequeira, Daniel Macciò, Adriana Saccone, *Platinum-rare earth cathodes for direct borohydride-peroxide fuel cells*, Journal of Power Sources 307 (2016) 251-258.
   http://dx.doi.org/10.1016/j.jpowsour.2015.12.131 *IF (2015) 6.333*
14. Diogo M.F. Santos, Tiago F.B. Gomes, Biljana Šljukić, Nuno Sousa, César A. C. Sequeira, Felipe M. L. Figueiredo, *Perovskite cathodes for $NaBH_4/H_2O_2$ direct fuel cells*, Electrochimica Acta 178 (2015) 163 – 170.
   http://dx.doi.org/10.1016/j.electacta.2015.07.145 *IF (2015) 4.803*
15. Diogo M. F. Santos, Sonia Eugénio, David S. P. Cardoso, Biljana Šljukić, and Maria F. Montemor, *Three-dimensional nanostructured Ni-Cu foams for borohydride oxidation*, Russian Journal of Physical Chemistry 89(13) (2015) 2449–2454.
   http://dx.doi.org/10.1134/S0036024415130336 *IF (2014) 0.562*
16. Milica Vujković, Igor Pašti, Ivana Stojković Simatović, Biljana Šljukić, Maja Milenković, Slavko Mentus, *The influence of intercalated ions on cyclic stability of V_2O_5/graphite composite in aqueous electrolytic solutions: experimental and theoretical approach*, Electrochimica Acta 176 (2015) 130–140.
   http://dx.doi.org/10.1016/j.electacta.2015.07.004 *IF (2015) 4.803*
17. Biljana Šljukić*, Milica Vujković, Luis Amaral, Diogo M. F. Santos, Raquel P. Rocha, César A. C. Sequeira and José Luis Figueiredo, *Carbon–Supported Mo_2C Electrocatalysts for Hydrogen Evolution Reaction*, Journal of Materials Chemistry A 3 (2015) 15505 – 15512.
   http://dx.doi.org/ 10.1039/C5TA02346G *IF (2015) 8.262*
18. David S.P. Cardoso, Luis Amarala, Diogo M. F. Santos, Biljana Šljukić, César A. C. Sequeira, Daniele Macciò and Adriana Saccone, *Enhancement of Hydrogen Evolution in Alkaline Water Electrolysis by Using Nickel-Rare Earth Alloys*, International Journal of Hydrogen Energy 40 (2015) 4295 – 4302.
   http://dx.doi.org/10.1016/j.ijhydene.2015.01.174 *IF (2015) 3.205*
19. Milica Vujković, Biljana Šljukić Paunković, Ivana Stojković Simatović, Mitar Mitrić, César A. C. Sequeira, Slavko Mentus, *Versatile insertion capability of $Na_{1.2}V_3O_8$ nanobelts in aqueous electrolyte solutions*, Electrochimica Acta 147 (2014) 167-175.
   http://dx.doi.org/10.1016/j.electacta.2014.08.137 *IF (2014) 4.578*
20. Biljana Šljukić,* Jadranka Milikić, Diogo M.F. Santos, César A.C. Sequeira, Daniele Macciò, Adriana Saccone, *Electrocatalytic Performance of Pt-Dy Alloys for Direct Borohydride Fuel Cells*, Journal of Power Sources 272 (2014) 335 – 343.
   http://dx.doi.org/10.1016/j.jpowsour.2014.08.080 *IF 6.227*

21. Diogo M. F. Santos, Biljana Šljukić, Luis Amaral, Daniel Macciò, Adriana Saccone, Cesar A. C. Sequeira, *Nickel and Nickel-Cerium Alloy Anodes for Direct Borohydride Fuel Cells*, Journal of the Electrochemical Society 161(5) (2014) F594-F599.
    http://dx.doi.org/10.1149/2.023405jes *IF 3.268*
22. Diogo M. F. Santos, Luis Amaral, Biljana Šljukić, Daniel Macciò, Adriana Saccone, Cesar A. C. Sequeira, *Electrocatalytic Activity of Nickel-Cerium Alloys for Hydrogen Evolution in Alkaline Water Electrolysis*, Journal of the Electrochemical Society 161(4) (2014) F386-390.
    http://dx.doi.org/10.1149/2.016404jes *IF 3.268*
23. Darko Micić, Biljana Šljukić*, Zoran Zujovic, Jadranka Travas-Sejdic, Gordana Ćirić-Marjanović, *Electrocatalytic Activity of Carbonized Nanostructured Polyanilines for Oxidation Reactions: Sensing of Nitrite Ions and Ascorbic Acid*, Electrochimica Acta 120 (2014) 147-158.
    http://dx.doi.org/10.1016/j.electacta.2013.12.069 *IF 4.578*
24. Biljana Šljukić*, Darko Micić, Nikola Cvjetićanin, Gordana Ćirić-Marjanović *Nanostructured materials for Pb(II) and Cd(II) ions sensing: manganese oxohydroxide versus carbonized polyanilines*, Journal of Serbian Chemical Society 78(11) (2013) 1717-1727.
    http://dx.doi.org/10.2298/JSC130731101S *IF 0.889*
25. Biljana Šljukić*, Jadranka Milikić, Diogo F. M. Santos, Cesar A. C. Sequeira, *Carbon-Supported Pt_xM_y Electrocatalysts for Borohydride Oxidation*, Electrochimica Acta 107 (2013) 577-583.
    http://dx.doi.org/10.1016/j.electacta.2013.06.040 *IF 4.086*
26. César A. C. Sequeira, Diogo M. F. Santos, Biljana Šljukić, Luis Amaral, *Physics of Electrolytic Gas Evolution*, Brazilian Journal of Physics 43(3) (2013) 199-208.
    http://dx.doi.org/10.1007/s13538-013-0131-4 *IF 0.683*
27. Biljana Šljukić*, Diogo M. F. Santos, César A. C. Sequeira, *Manganese Dioxide Electrocatalysts for Borohydride Fuel Cell Cathodes?*, Journal of Electroanalytical Chemistry, 694 (2013) 77-83.
    http://dx.doi.org/10.1016/j.jelechem.2013.01.044 *IF 2.871*
28. Biljana Šljukić*, Diogo M. F. Santos, César A. C. Sequeira, Craig E. Banks, *Analytical Monitoring of Sodium Borohydride*, Analytical Methods 5 (2013) 829-839.
    http://dx.doi.org/10.1039/c2ay26077h *IF 1.938*
29. Diogo M. F. Santos, Biljana Šljukić, Daniele Macciò, Adriana Saccone, José L. Figueiredo, *Electrocatalytic approach for the efficiency increase of electrolytic hydrogen production: Proof-of-concept using Pt-Dy*, Energy 50 (2013) 486-492.
    http://dx.doi.org/10.1016/j.energy.2012.11.003 *IF 4.159*
30. Ana L. Morais, Jose R.C. Salgado, Biljana Šljukić, Diogo M. F. Santos, Cesar A. C. Sequeira, *Investigation of Pt_xM_y/C electrocatalysts for H_2O_2 reduction in acid solution*, Ciência & Tecnologia dos Materiais, 24(3-4) (2012) 189-192.
31. Ana L. Morais, José R. C. Salgado, Biljana Šljukić, Diogo M. F. Santos, César A. C. Sequeira, *Electrochemical behaviour of carbon supported Pt electrocatalysts for H_2O_2 reduction*, International Journal of Hydrogen Energy 37 (2012) 14143-14151.
    http://dx.doi.org/10.1016/j.ijhydene.2012.07.092 *IF 3.548*
32. Biljana Šljukić, Ana L. Morais, Diogo M. F. Santos, César A. C. Sequeira, *Anion- or Cation-Exchange Membranes for $NaBH_4/H_2O_2$ Fuel Cells?*, Membranes 2 (2012) 478-492.
    http://dx.doi.org/10.3390/membranes2030478
33. Milica Vasić, Biljana Šljukić*, Gregory G Wildgoose, Richard G. Compton, *Adsorption of Bismuth Ions On Graphite Chemically Modified With Gallic Acid*, PhysChemChemPhys 14(28) (2012) 10027 – 10031.
    http://dx.doi.org/10.1039/c2cp41030c *IF 3.829*
34. Mirjana Mališić, Aleksandra Janošević, Biljana Šljukić Paunković*, Ivana Stojković, Gordana Ćirić-Marjanović *Manganese Dioxide/Carbon Composite Electrodes for Simultaneous Electroanalytical Determination of Lead(II) and Cadmium(II)*, Electrochimica Acta 74 (2012) 158-164.
    http://dx.doi.org/10.1016/j.electacta.2012.04.049 *IF 3.777*
35. Aleksandra Janošević, Gordana Ćirić-Marjanović, Biljana Šljukić Paunković, Igor Pasti, Snezana Trifunović, Budimir Marjanović; Jaroslav Stejskal, *Simultaneous oxidation of aniline and tannic acid with peroxydisulfate: Self-assembly of oxidation products from nanorods to microspheres*, Synthetic Metals 162 (2012) 843-856.
    http://dx.doi.org/10.1016/j.synthmet.2012.03.009 *IF 2.102*

36. Biljana Šljukić*, Ivana Stojković, Nikola Cvijetićanin, Gordana Ćirić-Marjanović, *Hydrogen peroxide sensing at MnO_2/carbonized nanostructured polyaniline electrode*, Russian Journal of Physical Chemistry A 85(13) (2011) 2406-2049.
http://dx.doi.org/10.1134/S0036024411130279 *IF 0.459*
37. Biljana Šljukić*, Rashid O. Kadara, Craig E. Banks, *Disposable manganese oxide screen printed electrodes for electroanalytical sensing*, Analytical Methods 3 (2011) 105-109.
http://dx.doi.org/10.1039/c0ay00444h *IF 1.547*
38. Emma I. Rogers, Biljana Šljukić, Christopher Hardacre, Richard G. Compton *Electrochemistry in Room-Temperature Ionic Liquids: Potential Windows at Mercury Electrodes*; Journal of Chemical & Engineering Data 54(7) (2009) 2049-2053.
http://dx.doi.org/10.1021/je800898z *IF 1.695*
39. Biljana Šljukić*, Craig E. Banks, Richard G. Compton *Sonoelectroanalysis - application to lead determination*, Hemijska industrija 63(5a) (2009) 529-534.
http://dx.doi.org/10.2298/HEMIND0905529S *IF 0.117*
40. Emma I. Rogers, Biljana Šljukić, Christopher Hardacre, Richard G. Compton *Electrochemical determination of manganese solubility in mercury via amalgamation and stripping in the room temperature ionic liquid n-hexyltriethylammoniumbis(trifluoromethanesulfonyl)imide,* [*N6,2,2,2*][*NTf2*]; Electroanalysis 20(24) (2008) 2603-2607.
http://dx.doi.org/10.1002/elan.200804393 *IF 2.109*
41. José González-García, Craig E. Banks, Biljana Šljukić, Richard G. Compton *Electrosynthesis of hydrogen peroxide via reduction of oxygen assisted by power ultrasound,* Ultrasonics Sonochemistry 14(4) (2007) 405-412.
http://dx.doi.org/10.1016/j.ultsonch.2006.08.006 *IF 2.434*
42. José González-García, Ludovic Drouin, Craig E. Banks, Biljana Šljukić, Richard G. Compton *At Point of Use Sono-Electrochemical Generation of Hydrogen Peroxide for Chemical Synthesis: The Green Oxidation of Benzonitrile to Benzamide*, Ultrasonics Sonochemistry 14(2) (2007) 113-116.
http://dx.doi.org/10.1016/j.ultsonch.2006.05.007 *IF 2.434*
43. Biljana Šljukić, Craig E. Banks, Alison Crossley, Richard G. Compton *Copper Oxide - Graphite Composite Electrodes: Application to Nitrite Sensing*, Electroanalysis 19(1) (2007) 79-84.
http://dx.doi.org/10.1002/elan.200603708 *IF 2.949*
44. Biljana Šljukić, Craig E. Banks, Alison Crossley, Richard G. Compton *Lead (IV) Oxide - Graphite Composite Electrodes: Application to Sensing of Ammonia, Nitrite and Phenols,* Analytica Chimica Acta 587(2) (2007) 240-246.
http://dx.doi.org/10.1016/j.aca.2007.01.041 *IF 3.186*
45. Biljana Šljukić, Ronan Baron, Chris Salter, Alison Crossley, Richard G. Compton *Combinatorial Electrochemistry Using Metal Nanoparticles: From Proof-of-Concept to Practical Realisation for Bromide Detection,* Analytica Chimica Acta 590(1) (2007) 67-73.
http://dx.doi.org/10.1016/j.aca.2007.03.021 *IF 3.186*
46. Ronan Baron, Biljana Šljukić, Chris Salter, Alison Crossley, Richard G. Compton *Development of an electrochemical sensor nanoarray for hydrazine detection using a combinatorial approach* Electroanalysis 19(10) (2007) 1062-1068.
http://dx.doi.org/10.1002/elan.200703822 *IF 2.949*
47. Biljana Šljukić, Ronan Baron, Richard G. Compton *Electrochemical Determination of Oxalate at Pyrolytic Graphite Electrodes*, Electroanalysis 19(9) (2007) 918-922.
http://dx.doi.org/10.1002/elan.200703852 *IF 2.949*
48. Biljana Šljukić, Richard G. Compton *Manganese Dioxide Graphite Composite Electrodes Formed Via a Low Temperature Method: Detection of Hydrogen Peroxide, Ascorbic acid and Nitrite,* Electroanalysis 19(12) (2007) 1275-1280.
http://dx.doi.org/10.1002/elan.200703878 *IF 2.949*
49. Cathryn E. Langley, Biljana Šljukić, Craig E. Banks, Richard G. Compton *Manganese Dioxide Graphite Composite Electrodes: Application to the Electroanalysis of Hydrogen Peroxide, Ascorbic Acid and Nitrite,* Analytical Sciences 23(2) (2007) 165-170.
http://dx.doi.org/10.2116/analsci.23.165 *IF 1.158*
50. Ronan Baron, Biljana Šljukić, Chris Salter, Alison Crossley, Richard G. Compton *Electrochemical Detection of Arsenic at a Gold Nanoparticle Array,* Russian Journal of Physical Chemistry A 81 (2007) 1443-1447.
http://dx.doi.org/10.1134/S003602440709018X *IF 0.477*

51. Biljana Šljukić, Gregory G. Wildgoose, Alison Crossley, John H. Jones, Li Jiang, Timothy G. J. Jones, Richard G. Compton, *The thermodynamics of sequestration of toxic copper(II) metal ion pollutants from aqueous media by L -cysteine methyl ester modified glassy carbon spheres*, Journal of Materials Chemistry 16 (2006) 970-976.
http://dx.doi.org/10.1039/b514819g *IF 4.287*
52. François G. Chevallier, Biljana Šljukić, Gregory G. Wildgoose, Li Jiang, Timothy G. J. Jones, Richard G. Compton *Mathematical Modelling and Simulation of Adsorption Processes at Spherical Microparticles*, ChemPhysChem 7(3) (2006) 697-703.
http://dx.doi.org/10.1002/cphc.200500546 *IF 3.449*
53. Biljana Šljukić, Craig E. Banks, Christopher Salter, Alison Crossley, Richard G. Compton *Electrochemically polymerized composites of multi-walled carbon nanotubes and poly(vinylferrocene) and their use as modified electrodes: Application to glucose sensing*, Analyst 131(5) (2006) 670-677.
http://dx.doi.org/10.1039/b601299j *IF 3.198*
54. Biljana Šljukić, Natalya A. Malakhova, Khjena Z. Brainina, Craig E. Banks, Richard G. Compton *Screen Printed Electrodes and Screen Printed Modified Electrode Benefit from Insonation*, Electroanalysis 18(9) (2006) 928-930.
http://dx.doi.org/10.1002/elan.200603504 *IF 2.444*
55. Biljana Šljukić, Craig E. Banks, Richard G. Compton *Iron (III) Oxide Graphite Composite Electrodes: Application to the Electroanalytical Detection of Hydrazine and Hydrogen Peroxide*, Electroanalysis 18(18) (2006) 1757-1762.
http://dx.doi.org/10.1002/elan.200603605 *IF 2.444*
56. Biljana Šljukić, Craig E. Banks, Richard G. Compton *Iron Oxide Particles Are the Active Sites for Hydrogen Peroxide Sensing at Multi-walled Carbon Nanotube Modified Electrodes*, Nano Letters 6(7) (2006) 1556-1558.
http://dx.doi.org/10.1021/nl060366v *IF 9.960*
57. Biljana Šljukić, Craig E. Banks, Richard G. Compton *Exploration of Stable Sonoelectrocatalysis for the Electrochemical Reduction of Oxygen*, Electroanalysis 17(12) (2005) 1025-1034.
http://dx.doi.org/10.1002/elan.200403221 *IF 2.189*
58. Biljana Šljukić, Craig E. Banks, Richard G. Compton *An Overview of the Electrochemical Reduction of Oxygen at Carbon-based Modified Electrodes*, Journal of Iranian Chemical Society 2 (2005) 1-25.
http://dx.doi.org/10.1007/BF03245775
59. Biljana Šljukić, Craig E. Banks, Slavko Mentus, Richard G. Compton, *Modification of Carbon electrodes for Oxygen Reduction and Hydrogen Peroxide Formation: The Search for Stable and Efficient Sonoelectrocatalysts*, Phys. Chem. Chem. Phys. 6(5) (2004) 992-997.
http://dx.doi.org/10.1039/B316412H *IF 2.076*
60. Biljana Šljukić, Craig E. Banks, Richard G. Compton, *The Search for Stable and Efficient Sonoelectrocatalysts for Oxygen Reduction and Hydrogen Peroxide Formation: Azobenzene and Derivatives*, Phys. Chem. Chem. Phys. 6 (15) (2004) 4034-4041.
http://dx.doi.org/10.1039/b405025h *IF 2.076*
61. Biljana Šljukić, Nikola Vukelić, Slavko Mentus, *Body Ni-doped glassy carbon: physical and electrochemical characterisation*, Material Science Forum 103 (2004) 453-454.
IF 0.498