



## Dr Jovan P. Popić

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Profesionalno iskustvo    Oblasti interesovanja    Projekti    Izabrane publikacije

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1983-Magistar elektrohemijske konverzije energije  
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1981-1991 Pedagoški fakultet, Rijeka, Pomorski fakultet, Rijeka  
1993-1998 Tehnološki fakultet, Banja Luka  
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**Oblasti interesovanja:** Elektrodepozicija, korozija i zaštita materijala

**Znanje jezika:** Ruski, engleski

**Najznačajniji projekti:**

1. Electrochemical reduction of carbon dioxide on modified surface, EU, 1991-1992.
2. Osvajanje tehnologije proizvodnje legura specijalnih karakteristika za posebne namene korišćenjem primarnih i sekundarnih sirovina, BP.C.5.06.72.102. MNT Republika Srbija. 1995-1998.
3. Razvoj metoda i tehnologija za ispitivanje kvaliteta proizvoda i racionalna izgradnja mreže atestnih laboratorija. BP.C.5.06.72.450. MNT Republika Srbija. 1995-1998.
4. Razvoj metoda za ispitivanje kvaliteta proizvoda, BP. S.5.34.73.0132. MNT Republika Srbija, 1998-2000.
5. Prevencija šteta nastalih kao posledica korozije materijala i neadekvatne antikorozijske zaštite, BP. 1689, MNT Republika Srbija, 2002-2006.
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**Izabrane publikacije:**

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2. D.M.Dražić, **J.Popić**, Cathodic proces on High Purity Aluminium in Sodium Chloride Solution, J.Serb.Chem. Soc., 56(1991) 181.
3. D.M.Dražić, **J.P.Popić**, Hydrogen Evolution on Aluminium in Chloride Solutions, J.Electroanal. Chem., 357(1993) 105-116.
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6. **J.P.Popić**, M.Avramov-Ivić, D.M.Dražić, Ring detection of hydrogen on the rotating disc-ring electrode, J.Serb.Chem.Soc., 61(1996), 1233
7. D.M.Dražić, **J.P.Popić**, Corrosion rates and negative difference effects for aluminium measured by the disc-ring techniques, ATB Metallurgie, 37 No. 2-4 (1997) 307- 310.
8. **J.Popić**, M. Avramov-Ivić, N.B.Vuković, Reduction of carbon dioxide on ruthenium oxide and modified ruthenium oxide electrode in 0.5 M NaHCO<sub>3</sub>, J. Electroanal. Chem., 421(1997)105-110.
9. M.Avramov-Ivić,V.Jovanović,G.Vlajnić,**J.P.Popić**,The electrocatalytic propertiesof the oxide of noble metals in the electro-oxidation of some organic moleculs, J.Electroanal. Chem., 423(1997)119-124.
10. D.M. Dražić, **J.P.Popić**, Real surface area of the aluminium electrode in sodium chloride solution, J. Seb. Chem. Soc., 64(1999)685-693.
11. D.M.Dražić, **J.P.Popić**, Negative difference effect and stress corrosion cracking, 5th European simposium on electrochemical engineering: University of Exter, March 1999, England, Book of papers, page 111-120.
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14. D.M.Dražić, **J.P.Popić**, Chemical dissolution of iron in aqueous solutions, Russian J. Electrochem., 36(2000) 2043-2050.
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20. D.M.Dražić, **J.P.Popić**, Electrochemistry of Active Chromium: Part 1 –Anomalous Corrosion and Products of Chromium Dissolution in Deaerated Sulfuric Acid, Corrosion, 60 (2004) 297–307
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27. J.B.Bajat, V.B.Mišković-Stanković, **J.P.Popić**, D.M.Dražić, Adhesion characteristics and corrosion stabilitz of epoxy coatings electrodeposited on phosphated hot-dip galvanized steel, Prog. Org. Coat., 63(2008)201-208.
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- phosphating bath, *Corr. Sci.*, 53 (2011) 2872-2880.
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  32. **J. P. Popić**, B. V. Jegdić, J. B. Bajat, M. Mitrić, V. B. Mišković-Stanković, Surface coverage determination of iron-phosphate coatings on steel using voltammetric anodic dissolution technique, *J. Serb. Chem. Soc.* 78(2013)101-114.