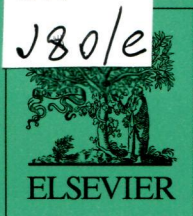


RU
J80/e

Volume 697

15 May 2013

ISSN 1572-6657



Journal of Electroanalytical Chemistry

An International Journal
also devoted to
All Physicochemical Aspects of
Fundamental and Applied Electrochemistry

Editors:
J.M. Feliu
T. Kakiuchi
P. Unwin
X.H. Xia

Available online at www.sciencedirect.com

SciVerse ScienceDirect

In collaboration with
the International Society
of Electrochemistry





Contents

Abstracts and/or contents lists of this journal are published in: Analytical Abstracts, Metals Abstracts, World Aluminum Abstracts, Chemical Abstracts, Current Contents (Physical, Chemical & Earth Sciences), Engineering Index, INSPEC. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®.

Studies on polymer modified metal oxide anode for oxygen evolution reaction in saline water R. Venkatkarthick, S. Elamathi, D. Sangeetha, R. Balaji, B. Suresh Kannan, S. Vasudevan, D. Jonas Davidson, G. Sozhan and S. Ravichandran	1
Voltammetry in low concentration of electrolyte supported by ionic latex suspensions K.J. Aoki, X. Zhao, J. Chen and T. Nishiumi	5
Self-assembled glucose oxidase/graphene/gold ternary nanocomposites for direct electrochemistry and electrocatalysis X. Cao, Y. Ye, Y. Li, X. Xu, J. Yu and S. Liu	10
Influence of the local pH on the electrooxidation of glycerol on Palladium–Rhodium electrodeposits R.S. Ferreira Jr., M. Janete Giz and G.A. Camara	15
In situ spectroelectrochemical monitoring during the electrocatalytic oxidation of guanine on [Ru(bpy) ₂ (MPyTMPP)Cl] ⁺ /ITO electrode J.-W. Wu, W.-J. Mei, Z.-H. Yan, J.-C. Liu and H. Li	21
Hg(II) trace electrochemical detection on gold electrode: Evidence for chloride adsorption as the responsible for the broad baseline T. Hezard, L. Laffont, P. Gros, P. Behra and D. Evrard	28
In situ synthesis of cobalt doped polyaniline modified graphene composites for high performance supercapacitor electrode materials S. Giri, D. Ghosh and C.K. Das	32
Au/C catalysts promoted with metal oxides for ethylene glycol electro-oxidation in alkaline solution S. Yongprapat, A. Therdthianwong and S. Therdthianwong	46
Determination of nifedipine using nanostructured electrochemical sensor based on simple synthesis of Ag nanoparticles at the surface of glassy carbon electrode: Application to the analysis of some real samples M. Baghayeri, M. Namadchian, H. Karimi-Maleh and H. Beitollahi	53
Carbon black/manganese dioxide composites synthesized by sonochemistry method for electrochemical supercapacitors A. Zolfaghari, H.R. Naderi and H.R. Mortaheb	60

