

CURRENT TITLES IN ELECTROCHEMISTRY

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BASIC ELECTROCHEMISTRY

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Adsorption

- 1210 **Impedance study of adsorption of iodide ions at Bi(001) electrode from the aqueous solutions with constant ionic strength** L Siinor, K Lust & e Lust* (Inst of Physical Chem, Tartu Univ, 2 Jakobi Street, 51013 Tartu, Estonia) *J Electroanal Chem* 601,1-2;2007 March 15;39.
- 1211 **Adsorption and ion-pairing** H Janchenova, A Lhotsky, K Stulik & V Marecek* (J Heyrovsky Inst of Physical Chem, Academy of Sci of the Czech Republic, Dolejskova 3, 182 23 Prague 8, Czech Republic) *J Electroanal Chem* 601,1-2;2007 March 15;101.
- 1212 **Electrochemically controlled reconstitution of imobilized ferritins for bioelectronic applications** *J W Kim, S H Choi, P T Lillehei, S H Chu, G C King & G D Watt (National Inst of Aerospace, Hampton, VA 23666, USA) *J Electroanal Chem* 601,1-2;2007 March 15;8.

Catalysts

- 1213 **Mechanism involving a preceding structural change in homogeneous redox catalysis** N A M Ruvalcaba & D H Evans* (Dept of Chem, Univ of Arizona, Tucson, AZ 85721, USA) *J Electroanal Chem* 602,1;2007 April 1;77.
- 1214 **Visible-light-induced hydrogen production over Pt-Eosion Y catalysts with high surface area silica gel as matrix** X Zhang, Z Jin, Y Li, S Li & G Lu* (State Key Lab for Oxo Synthesis and Selective Oxidation, Lanzhou Inst of Chemical Physics, The Chinese Academy of Sci, Lanzhou 730000, PR China) *J Power Sources* 166,1;2007 March 30;74.

Double layer studies

- 1215 **Spatio-temporal charge behavior in electric double layer capacitors observed by pulsed electro acoustic method** *D Tashima, K Kurosawatsu, Y M Sung, M Otsubo & C Honda (Dept of Electrical & Electronic Engg, Univ of Miyazaki, Miyazaki 889-2192, Japan) *Electrochim Acta* 52,15;2007 April 20;5071.

Electrocatalysis

- 1216 **Direct electrochemistry and electrocatalysis of horseradish peroxidase immobilized in Nafion-RTIL composite film** H Chen, Y Wang, Y Liu, Y Wang, Li Qi & S Dong* (State Key Lab of Electroanalytical Chem, Changchun Inst of Appl Chem, Chinese Academy of Sci, Changchun, Jilin 130022, PR China) *Electrochem Commun* 9,3;2007 March;469.

- 1217 **Electrocatalytic oxidation of methanol on poly(phenylenediamines) film palladized aluminum electrodes, modified by Pt micro-particles: Comparison of permselectivity of the films for methanol** *M H P Aza & B Habibi (Electroanalytical Chem Lab, Faculty of Chem, Univ of Tabriz, Tabriz, Iran) *J Electroanal Chem* 601,1-2;2007 March 15;53.
- 1218 **Oxygen kinetics and mechanism at electrocatalysts on the base of palladium-iron system** M R Tarasevich, *G V Zhutavaeva, V A Bogdanovskaya, M V Radina, M R Ehrenburg & A E Chalykh (An Frumkin Inst of Physical Chem & Electrochem, Russian Academy of Sci, Leninsky Prospect 31, 119991 Moscow, Russia) *Electrochim Acta* 52,15;2007 April 20;5108.

Electrochemical studies(General aspects)

- 1219 **Effect of buffer capacity on electrochemical behavior of dopamine and ascorbic acid** J Wang, L Wang, Y Wang, W Yang, L Jiang & E Wang* (State Key Lab of Electroanalytical Chem, Changchun Inst of Appl Chem, Chinese Academy of Sci, Changchun, Jilin 130022, PR China) *J Electroanal Chem* 601,1-2;2007 March 15;107.
- 1220 **DNA-enhanced assembly of [Ru(bpy)₂ITATP^{3+/2+}] on an ITO electrode** *H Li, Y J Liu, J Xu, Z H Xu, L N Ji, W S Li & H Y Chen (School of Chem & Environment, South china Normal Univ, Guangzhou 510631, PR China) *Electrochim Acta* 52,15;2007 April 20;4956.

Electrode materials

- 1221 **Alteration of diffusional transport by migration and natural convection. Theoretical and direct experimental evidences upon monitoring steady-state concentration profiles at planar electrodes** C Amatore, K Knobloch & L Thouin* (Departament de Ecole Normale, Superieure, UMR CNRS-ENS-UP MC 8640 Pasteur, 24 rue Lhomond, F-75231 Paris Cedex 05, France) *J Electroanal Chem* 601,1-2;2007 March 15;17.

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- 1223 **Size-dependent efficiency of electron transfer at suspended ferrocenyl jumbo particles** L Han, J Chen & K Aoki* (Dept of Appl Physics, Univ of Fukui, 3-9-1, Bunkyo, fukui-shi 910-8507, Japan) *J Electroanal Chem* 602,1;2007 April 1;123.
- 1224 **Effects of axial ligand mutation of the type I copper site in bilirubin oxidase on direct electron transfer-type bioelectrocatalytic reduction of dioxygen** Y Kamitaka, S Tsujimura, K Kataoka, T Sakurai, T Ikeda & K Kano* (Division of Appl Life Sci, Graduate School of Agriculture, Kyoto Univ, Sakyo, Kyoto 606-8502, Japan) *J Electroanal Chem* 601,1-2;2007 March 15;119.

Modified electrodes

- 1225 **Microfluidic cell with a TiO₂-modified gold electrode irradiated by an UV-LED for in situ photocatalytic decomposition of organic matter and its potentiality for voltammetric analysis of metal ions** D Daniel & I G R Gutz* (Instituto de Quimica, Universidade de Sao Paulo, Av Prof Lineu Prestes, 748 05508-000 Sao Paulo, SP Brazil) *Electrochem Commun* 9,3;2007 March;522.
- 1226 **Amperometric detection of methanol with a methanol dehydrogenase modified electrode sensor** Q Liu & J R Kirchhoff* (Dept of Chem, The Univ of Toledo, 2801 W Bancroft St, Toledo, OH 43606, United States) *J Electroanal Chem* 601,1-2;2007 March 15;125.

Molten salts

- 1227 **Crystal growth and structure of R₂Ir₂O₇ (R=Pr,Eu) using molten KF** J N Millican R T Macaluso, S Nakatsuji, Y Machida & Y Maeno & J Y Chan* (Dept of Chem, Louisiana State Univ, 232 Choppin Hall, Baton Rouge, LA 70803, USA) *Mater Res Bull* 42,5;2007 May 3;928.

Oxidation

- 1228 **The oxidation of trivalent chromium at Au(111) electrode** *P Skoluda (Zaklad Chemii Fizycznej, Wydzial Chemii, Uniwersytet im A Mickiewicza, Grunwaldzka 6, 60-780 Poznan, Poland) *Electrochem Commun* 9,3;2007 March;405.
- 1229 **Growth process of plasma electrolytic oxidation films formed on magnesium alloy AZ91D in silicate solution** H Duan, *C Yan & F Wang (State Key Lab for Corrosion and Protection, Inst of Metal Research, Chinese Academy of Sci, 62 Wencui Road, Shenyang 110016, China) *Electrochim Acta* 52,15;2007 April 20;5002.

Reduction

- 1230 **Influence of gold nanoparticle modified electrode on the mediation reduction of ferricyanide by methylene blue** *S Liu, L Wang & F Zhao (College of Chemistry & Molecular Engg, Qingdao Univ of Sci & Tech, Qingdao 266042, PR China) *J Electroanal Chem* 602,1;2007 April 1;55.
- 1231 **Spontaneous deposition of Pt and Ir on Ru: Reduction to intermediate oxidation states** S Manandhar & J A Kelber* (Dept of Chem, Univ of North Texas, Denton, TX 76203, USA) *Electrochim Acta* 52,15;2007 April 20;5010.

Self assembled monolayer

- 1232 **Adsorption kinetic and properties of self-assembled monolayer based on mono(6-deoxy-6-mercapto)- β -cyclodextrin molecules** F S Damos, R C S Luz, A A Sabino, M N Eberlin, R A Pilli & L T Kubota* (Inst of Chem, UNICAMP, PO Box 6154, 13084-971 Campinas, SP, Brazil) *J Electroanal Chem* 601,1-2;2007 March 15;181.

CORROSION

Corrosion General aspects

- 1233 **The influence of dissolved hydrogen on the surface composition of doped uranium dioxide under aqueous corrosion conditions** *M E Broczkowski, J J Noel & D W Shoesmith (Dept of Chem, The Univ of Western Ontario, 1151 Richmond Street, London, Onta Canada N6A 5B7) *J Electroanal Chem* 602,1;2007 April 1;8.
- 1234 **Inhibition of cobalt active dissolution by benzotriazole in slightly alkaline bicarbonate aqueous media** D Gallant, M Pezolet & S Simard* (Departement de Chimie, Universite Laval, Quebec (Quebec), Canada G1K 7P4) *Electrochim Acta* 52,15;2007 April 20;4927.

Corrosion of tool steels

- 1235 **Inhibition of iron corrosion by 5,10,15,20-tetraphenylporphyrin and 5,10,15,20-tetra-(4-chlorophenyl)porphyrin adlayers in 0.5 M H₂SO₄ solutions** Y Feng, *S Chen, W Guo, Y Zhang & G Liu (Dept of Chem, Shandong Univ, Jinan 250100, PR China) *J Electroanal Chem* 602,1;2007 April 1;115.

Inhibitors

- 1236 **Nanoporous titania interlayer as reservoir of corrosion inhibitors for coatings with self-healing ability** *S V Lamaka, M L Zheludkevich, K A Yasakau, R Serra, S K Poznyak & M G S Ferreira (University of Aveiro, CICECO, Dept of Ceramics & Glass Engg, 3810-193 Aveiro, Portugal) *Prog Org Coatings* 58,2-3;2007 Feb 1;127.
- 1237 **Inhibitory effect of non-ionic surfactants of the TRITON-X series on the corrosion of carbon steel in sulphuric acid** *R F Godec (Faculty of Chem & Chemical Engg, Univ of Maribor, Smetanova 17, 2000 Maribor, Slovenia) *Electrochim Acta* 52,15;2007 April 20;4974.

Marine corrosion

- 1238 **Reinforcing aluminium with cerium oxide: A new and effective technique to prevent corrosion in marine environments** P M Ashraf & S M A Shibli* (Dept of Chem, Univ of Kerala, Kariavattom Campus, Trivandrum 695 581, Kerala, India) *Electrochim Commun* 9,3;2007 March;443.

Pitting corrosion

- 1239 **The use of local electrochemical probes and surface analysis methods to study the electrochemical behaviour and pitting corrosion of stainless steels** *V Vignal, H Krawiec, O Heintz & R Oltra (ICB, Inst Carnot de Bourgogne, UMR 5209 CNRS-Universite de Bourgogne, BP 47470, 21078 Dijon, Cedex, France) *Electrochim Acta* 52,15;2007 April 20;4994.

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Analytical theory

- 1240 **Electrochemical analysis of a phospholipid phase transition** A Nelson* (Center for Self Organising Molecular Systems, Univ of Leeds, LS2 9JT, UK) *J Electroanal Chem* 601,1-2;2007 March 15;83.

Amperometry

- 1241 **A capillary electrophoresis microsystem for the rapid in-channel amperometric detection of synthetic dyes in food** N Dossi, R Toniolo, A Pizzariello, S Susmel, F Perennes & G Bontempelli* (Dept of Chemical Sci & Tech, Univ of Udine, Via Cotonificio 108, 1-33100 Udine, Italy) *J Electroanal Chem* 601,1-2;2007 March 15;1.

Biosensors

- 1242 **Construction of an amperometric biosensor for xanthine via supramolecular associations** *R Villalonga, M Matos & R Cao (Center for Enzyme Tech, Univ of Matanzas, Autopista a Varadero km 3 1/2, Matanzas 44740, Cuba) *Electrochim Commun* 9,3;2007 March;454.
- 1243 **Mathematical model of whole cell based bio-chip: An electrochemical biosensor for water toxicity detection** *R Popovtzer, A Natan & Y S Diamand (Dept of Electrical Engg, Physical Electronics & The TAU Research Inst for Nano Sci & Nano-technologies, Tel-Aviv Univ, Israel) *J Electroanal Chem* 602,1;2007 April 1;17.

Ion selective electrodes

- 1244 **Computer simulation of ion-selective membrane electrodes and related systems by finite-difference procedures** W E Morf, E Pretsch & N F De Rooij (Inst of Microtech, Univ of Neuchatel, Rue Jaquet-Droz 1, CH-2007, Neuchatel, Switzerland) *J Electroanal Chem* 602,1;2007 April 1;43.

Sensors

- 1245 **Determination of DNA and its binding to protamine using potentiometric polyion sensors** *N Durust & M E Meyerhoff (Dept of Chem, Abant Izzet Baysal Univ, Golkoy, Bolu 14280, Turkey) *J Electroanal Chem* 602,1;2007 April 1;138.

Spectroscopic techniques

- 1246 **In situ FTIR spectroelectrochemistry and spectral simulations using DFT: Efficient complementary tools to elucidate complex electrochemical mechanisms** *M D Backer & F X Sauvage (LASIR-HEI, CNRS UMR 8516, 13 Rue de Toul, 59046 Lille, France) *J Electroanal Chem* 602,1;2007 April 1;131.

ELECTROCHEMICAL MATERIALS SCIENCE

Electronic conductivity

- 1257 **The anomaly in the dependence of the electronic conductivity of activated carbon electrodes at different charging states** *E Pollak, A Anderson, G Salitra, A Soffer & D Aurbach (Dept of Chem, Bar-Ilan Univ, Ramat-Gan 52900, Israel) *J Electroanal Chem* 601,1-2;2007 March 15;47.

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- 1258 **The optical properties of ZnO sheets electrodeposited on ITO glass** F Wang, R Liu, A Pan, L Cao, K Cheng, B Xue, G Wang, Q Meng, J Li, Q Li, Y Wang, T Wang & B Zou* (Inst of Physics, Chinese Academy of Sci, Beijing 100080, China) *Materials Letters* 61,10;2007 April;2000.
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Luminescence/Phosphors

- 1260 **Effective enhancement of peroxydisulfate electrochemiluminescence on C₆₀/DDAB films** L Qian & X Yang* (State Key Lab of Electroanalytical Chem, Changchun Inst of Appl Chem, Chinese Academy of Sci, Changchun, Jilin 130022, PR China) *Electrochem Commun* 9,3;2007 March;393.
- 1261 **Preparation and luminescence properties of nanocrystalline La₂O₃:Eu phosphor** *H Q Liu, L L Wang, W Huang & Z W Peng (Dept of Appl Physics, Hunan Univ, Changsha, 410082, PR China) *Materials Letters* 61,10;2007 April;1968.
- 1262 **Photoluminescence of Eu³⁺ activated YAlO₃ under UV-VUV excitation** H Gao & Y Wang* (Dept of Materials Sci, Lanzhou Univ, Lanzhou 730000, PR Chian) *Mater Res Bull* 42,5;2007 May 3;921.

Materials characterisation

- 1263 **Controlled synthesis of different morphological YF₃ crystalline particles at room temperature** M Wang, Q L Huang, J M Hong & X T Chen* (Coordination Chem Inst, State Key Lab of Coordination Chem, School of Chem & Chemical Engg, Nanjing Univ, Nanjing 210093, PR China) *Materials Letters* 61,10;2007 April;1960.

Materials science general studies

- 1264 **Photodebromination of dibromobutane: Possibility and evidence** Y C Lin & C M Wang* (Dept of Chem, National taiwan Normal Univ, Taipei 116, Taiwan) *J Electroanal Chem* 601,1-2;2007 March 15;237.

1247 **Impedance spectroscopic investigations of ITO modified by new Azo-calix[4] arene immobilised into electroconducting polymer (MEHPPV)** *A Rouis, R Mlika, J Davenas, H B Ouda, I Bonnamour & N Jaffrezic (Laboratoire de Physique et Chimie des Interfaces, Faculte des Sciences de Monastir, Avenue de l'environnement, 5000 Monastir, Tunisia) *J Electroanal Chem* 601,1-2;2007 March 15;29.

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1249 **Thermal stability of the mobil five type metallosilicate molecular sieves-An in situ high temperature x-ray diffraction study** D S Bhange & Veda Raaswamy* (Catalysis Division, National Chem Lab, Pune 411004, India) *Mater Res Bull* 42,5;2007 May 3;851.

Voltammetry

1250 **Electrochemical nitration of catechols: Kinetic study by digital simulation of cyclic voltammograms** *D Nematollahi, A Ariapad & M Rafiee (Dept of Chem, Faculty of Sci, Univ of Bu-Ali-Sina, Hamadan, Iran) *J Electroanal Chem* 602,1;2007 April 1;37.

1251 **Cyclic voltammetry of metal bipyridyl cations at redox active Ni-Al-Cl layered double hydroxide films** R Toto & G Villemure* (Dept of Chem, Univ of New Brunswick, PO Box 45222, Fredericton, Nre Brunswick, Canada E2B 6E2) *J Electroanal Chem* 601,1-2;2007 March 15;112.

1252 **Stabilization of the voltammetric response of organic analytes with self-passivating electrode reactions: Synergistic effect of surfactants and high buffer strenght** *B Hoyer & N Jensen (Dept of Chem, Aarhus Univ, Langelandsgade 140, 8000 Aarhus C Denmark) *J Electroanal Chem* 601,1-2;2007 March 15;153.

1253 **Comparative cyclic voltammetry and SEM analysis of tin electrodes in citrate buffer solutions** *C A Gervasi, P E Alvarez, M V F Bimbi & M E Folquer (Instituto de Investigaciones Fisicoquimicas Teoricas y Aplicadas (INIFTA), Facultad de Ciencias Exactas, Universidad Nacional de La Plata, Sucursal 4-C, C 16, 1900 La Plata, Argentina) *J Electroanal Chem* 601,1-2;2007 March 15;194.

1254 **Voltammetric study of absorption and reactivity of metal complexes in cotton immersed in aqueous buffer solutions** M J Bonne, J E Taylor, A K Carver, M Helton & F Marken* (Dept of chem, Univ of Bath, Claverton Down, Bath, BA2 7AY, UK) *J Electroanal Chem* 601,1-2;2007 March 15;211.

1255 **Determination of Ti(IV) at low levels by voltammetry** *D Krulic, N Fatouros, N Larabi & E Mahe (Laboratoire LI2C-Electrochimie, Universite Pierre et Marie Curie (Paris 6) 4, Place Jussieu, 75252 Paris Cedex 05, France) *J Electroanal Chem* 601,1-2;2007 March 15;220.

1256 **Electrochemistry in confined microsystems Part 1. CV-SECM of reversible system at a confined disk ultramicroelectrode** *E Mahe (Universite Pierre et Marie Curie-Paris 6, Laboratoire d'Electrochimie LI2C-UMR CNRS 7612, Case Courrier 0051-4, Place Jussieu 75252 Paris Cedex 05, France) *Electrochim Acta* 52,15;2007 April 20;5018.

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- 1266 **Highly textural lamellar mesostructured magnesium hydroxide via a cathodic electrodeposition process** G Zou, *R Liu & W Chen (Dept of Chem, Zhejiang Univ, 28 Zheda Road, Hangzhou 310027, PR China) *Materials Letters* 61,10;2007 April;1990.
- 1267 **On the smoothness of the surface deformation profile due to the indentation of an elastic half-space** *G Fu (Lam Research Corporation, 4540 Cushing Parkway, Fremont, CA 94538, USA) *Materials Letters* 61,10;2007 April;1994.
- 1268 **Several ways to produce porous carbon monoliths by template assisted routes** *O Klepel, H Straub, A Garsuch & K Bohme (Universitat Leipzig, Inst fur Technische Chemie, Linnestr, 3, D-04103 Leipzig, Germany) *Materials Letters* 61,10;2007 April;2037.
- 1269 **Intermetallic compound formation between lead-free solders (Sn) and Cu or Ni electrodes** *T Sasaki, M Tanaka & Y Ohno (Advanced Technology Research Lab, Nippon Steel Corporation, 20-1 Shintomi, Futtsu, Chiba-Prefecture 293-8511, Japan) *Materials Letters* 61,10;2007 April;2093.
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- 1271 **The study on electrical behavior of Gd₂O₃-WO₃ complex ceramics at high temperature** *L Dong, Y Wang & Y Zhao (Key Lab of Advanced Technologies of Materials (Ministry of Education of China) Superconductivity R & D Center, Southwest Jiaotong Univ, Chengdu, 610031, China) *Materials Letters* 61,10;2007 April;2105.
- 1272 **A facile method for the preparation of hollow silver spheres** L Wang & D Chen* (State Key for Modification of Chemical Fibers & Polymer Materials, College of Materials Sci & Engg, Donghua Univ, Shanghai 200051, China) *Materials Letters* 61,10;2007 April;2113.
- 1273 **Effect of thickness on the structural, electrical and optical properties of ZnO films** S Mridha & D Basak* (Dept of Solid State Physics, Indian Association for the Cultivation of Sci, Jadavpur, Kolkata 700032, India) *Mater Res Bull* 42,5;2007 May 3;875.
- 1274 **Synthesis, structure refinement and characterisation of a new oxyphosphate Mg_{0.50}TiO(PO₄)** *S Benmokhtar, A E Jazouli, S Krimi, J P Chaminade, P Gravereau, M Menetrier & D D Waal (LCMS, UFR Sciences des Materiaux Solides, Faculte des Sciences Ben M'Sik, Casablanca, Morocco) *Mater Res Bull* 42,5;2007 May 3;892.
- 1275 **Amelioration of the hydriding and dehydriding kinetics of Mg by pulverization and the formation of Mg₂Ni hydride** *M Y Song, S N Kwon & D R Mumm (Division of Advanced Materials Engg, Engg Research Inst, Chonbuk National Univ, 664-14 1 ga Deogjindong Deogjingu Jeonju, chonbuk 561-756, Korea) *Mater Res Bull* 42,5;2007 May 3;912.
- 1276 **Conductivity of reduced La₂Mo₂O₉ based oxides: The effect of tungsten substitution** P Pinet, J Fouletier & S Georges (Laboratoire d'Electrochimie et de Physico-chimie des Materiaux et des Interfaces, UMR CNRs 5631, ENSEEG BP75, 38402 Saint Martin d'Herès Cedex, France) *Mater Res Bull* 42,5;2007 May 3;935.
- 1277 **Microstructural characterization of terbium-doped ceria** *F Ye, T Mori, D Rong Ou, J Zhou & J Drennan (Fuel Cell Materials Center, National Inst for Materials Sci, 1-1 Namiki, Tsukuba, Ibaraki 305-0044, Japan) *Mater Res Bull* 42,5;2007 May 3;943.
- 1278 **A modified model for calculating lattice thermal expansion of I₂-IV-VI₃ and I₃-V-VI₄ tetrahedral compounds** M S Omar* (Dept of Physics, College of Sci, Univ of Salahaddin, Arbil, Kurdistan, Iraq) *Mater Res Bull* 42,5;2007 May 3;961.

Nano particles, Nano tubes

- 1279 **TiO₂@CdS core-shell nanorods films: Fabricaiton and dramatically enhanced photoelectrochemical properties** H Jia, H Xu, Y Hu, Y Tang & L Zhang* (Key Lab of Pesticide & Chemical Biology of Ministry of Education, College of Chem, Central China Normal Univ, Wuhan 430079, PR China) *Electrochem Commun* 9,3;2007 March;354.
- 1280 **Electrocatalytic oxidation of nitric oxide at TiO₂-Au nanocomposite film electrodes** E V Milson, J Novak, M Oyama & F Marken* (Dept of Chem, Univ of Bath, Claverton Down, Bath BA2 7AY, UK) *Electrochem Commun* 9,3;2007 March;436.
- 1281 **Electrocatalytic activity of three-dimensional monolayer of 3-mercaptopropionic acid assembled on gold nanoparticle arrays** *J Zhang & M Oyama (College of Environmental Sci & Engg, Huazhong Univ of Sci & Tech, Wuhan 430074, PR China) *Electrochem Commun* 9,3;2007 March;459.
- 1282 **Dispersion of multi-wall carbon nanotubes in polyethylenimine: A new alternative for preparing electrochemical sensors** M D Rubianes & G A Rivas* (INGIQC, Departamento de Fisico Quimica, Facultad de Ciencias Quimicas, Universidad Nacional de Cordoba, Ciudad Universitaria, 5000 Cordoba, Argentina) *Electrochem Commun* 9,3;2007 March;480.
- 1283 **Immobilization and characterization of alcohol dehydrogenase on single-walled carbon nanotubes and its application in sensing ethanol** S Liu & C Cai* (College of Chem & Environmental Sci, Jiangsu Key Lab for Molecular & Medical Biotech, Nanjing Normal Univ, najing 210097, PR China) *J Electroanal Chem* 602,1;2007 April 1;103.
- 1284 **Electrochemical properties of ferrocenylalkane dithiol-gold nanoparticle films prepared by layer-by-layer self-assembly** A Escorcía & A A Dhirani* (Dept of Chem, Univ of Toronto, 80 St, Geroge Street, Toronto, Ont, Canada M5S 3H6) *J Electroanal Chem* 601,1-2;2007 March 15;260.
- 1285 **Nanomorphology control in aqueous coatings** *T Nabuurs, S Van der Slot & A Overbeek (DSM-Neo Resins, Sluisweg 12, 5145PE Waalwijk, The Netherlands) *Prog Org Coatings* 58,2-3;2007 Feb 1;80.

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