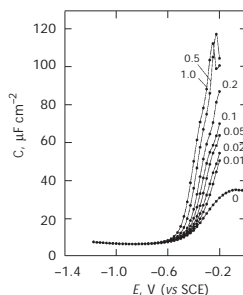


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**2003, 68, 1555–1571**

**Impedance Study of Adsorption of Chloride Ions in Ethanol on Bi(001) Single Crystal Plane**

Mart Väärtnõu and Enn Lust

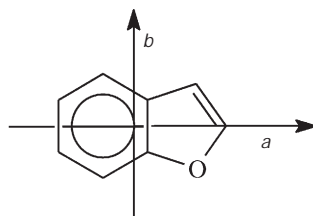


*Collect. Czech. Chem. Commun.*

**2003, 68, 1572–1578**

**Rotational Spectrum of 2,3-Benzofuran**

B. Michela Giuliano and Walther Caminati

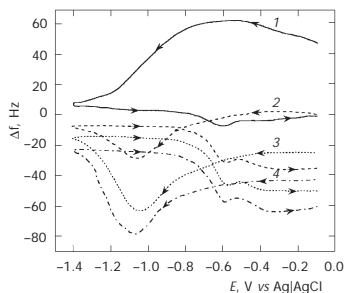


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**2003, 68, 1579–1595**

**Selenium(IV) Electrochemistry on Silver: A Combined Electrochemical Quartz-Crystal Microbalance and Cyclic Voltammetric Investigation**

Giovanni Pezzatini, Francesca Loglio,  
Massimo Innocenti and  
Maria Luisa Foresti

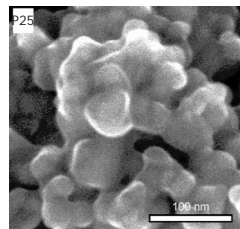


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**2003, 68, 1596–1604**

**Insight Into Electric Potential Distribution Within Mesoporous Titanium Dioxide Films**

Renata Solarska, Robin Morand and  
Jan Augustynski



The effect of methylviologen dication upon photo-reactions occurring at a nanocrystalline TiO<sub>2</sub> film photoanode was employed to map the spatial electric potential distribution within such films

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2003, 68, 1605–1620

**Problems of Electrochemical Controls of Oxidation-Reduction Systems in Aqueous–Organic and Nonaqueous Media. The rH Index with Establishment of the Relevant Scales and Standards**

Luigi Falciola, Patrizia R. Mussini and Torquato Mussini

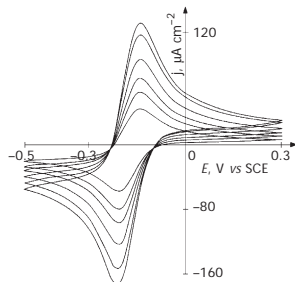
$$rH = 2(E^{\circ}_{\text{quinhy}} - E^{\circ}_{\text{H}^+|\text{H}_2})/k = 2E^{\circ}_{21}/k = rH_S$$

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2003, 68, 1621–1635

**Electron Transfer at Boron-Doped Diamond Electrodes. Comparison with Pt, Au and RuO<sub>2</sub>**

Francesco Friso and Sergio Trasatti

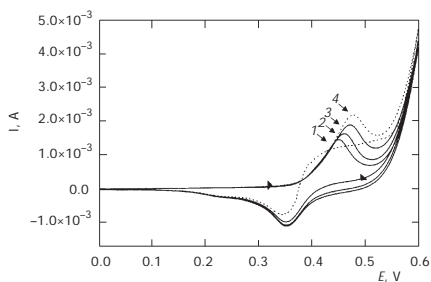


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2003, 68, 1636–1646

**Electrochemical Study of Mannitol Oxidation at Nickel Oxide Electrode**

Domenica Tonelli, Barbara Ballarin, Mario Berrettoni and Marcello Trevisani

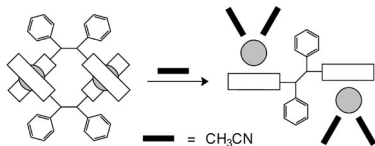


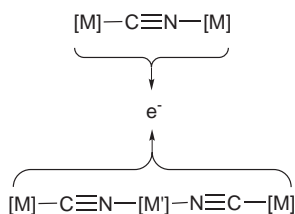
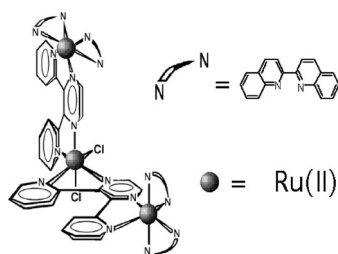
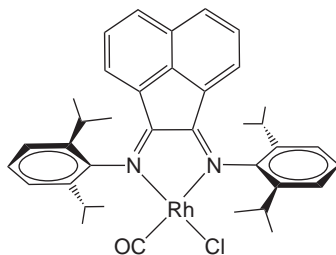
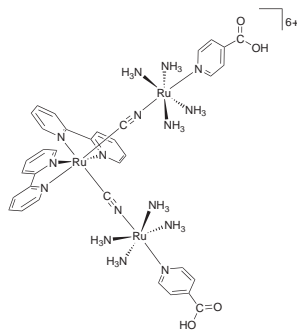
*Collect. Czech. Chem. Commun.*

2003, 68, 1647–1662

**A Solvent-Dependent and Electrochemically Controlled Self-Assembling/Disassembling System**

Valeria Amendola, Massimo Boiocchi, Yuri Diaz Fernandez, Carlo Mangano and Piersandro Pallavicini



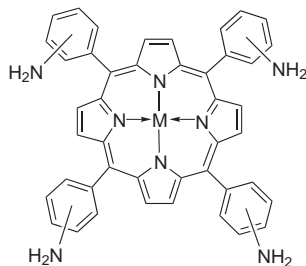
*Collect. Czech. Chem. Commun.***2003, 68, 1663–1676****Electrochemical Behaviour of *trans*-[FeH(CN)(dppe)<sub>2</sub>] Adducts**Sílvia S. P. R. Almeida,  
M. Fátima C. Guedes Da Silva and  
Armando J. L. Pombeiro*Collect. Czech. Chem. Commun.***2003, 68, 1677–1686****Electronic Absorption Spectrum and Reduction Behavior of a Multicomponent, Trinuclear Ru(II) Species Containing 2,3-Bis(2'-pyridyl)-pyrazine Bridging Ligands and 2,2'-Biquinoline Peripheral Ligands**Frédérique Loiseau, Scolastica Serroni and  
Sebastiano Campagna*Collect. Czech. Chem. Commun.***2003, 68, 1687–1709****Synthesis, Spectroscopy and Spectroelectrochemistry of Chlorocarbonyl {1,2-Bis[(2,6-diisopropylphenyl)imino]-acenaphthene-κ<sup>2</sup>-N,N'}rhodium(I)**Taasje Mahabiersing, Henk Luyten,  
Ronald C. Nieuwendam and František Hartl*Collect. Czech. Chem. Commun.***2003, 68, 1710–1722****Electrochromic Behaviour of Polynuclear Ruthenium Complexes on Nanocrystalline SnO<sub>2</sub>**Matteo Biancardo, Peter F. H. Schwab and  
Carlo A. Bignozzi

*Collect. Czech. Chem. Commun.*

**2003, 68, 1723–1735**

**Preparation and Characterization  
of Electrodes Modified with  
Metalloporphyrins. Application  
to Reduction of Nitrite**

Francisco Armijo, Ejnar Trollund, Matías Reina,  
M. Carmen Arévalo and M. Jesús Aguirre



*Collect. Czech. Chem. Commun.*

**2003, 68, 1736–1744**

**A Methane Sensor Based on Poly[3',4'-dihexyl-  
4,4''-bis(pentyloxy)-2,2':5,2''-terthiophene]**

Giuseppe Casalbore-Miceli, Alberto Zanelli,  
Alessandro Geri and Maria C. Gallazzi

