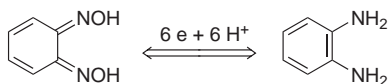


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**2003, 68, 1345–1378**

**Development of Iterative Methods for the Exact Determination of Acid Dissociation Constants and Specific Reaction Rates in Various Ionic or Electrochemical Systems. A Review**

Georgios Papanastasiou and Georgios Kokkinidis

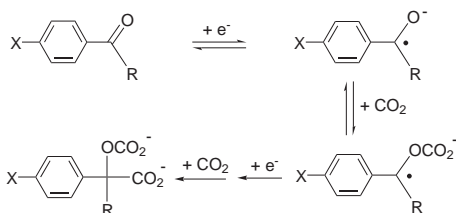


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**2003, 68, 1379–1394**

**Mechanism of the Electrochemical Carboxylation of Aromatic Ketones in Dimethylformamide**

Abdirisak A. Isse and Armando Gennaro

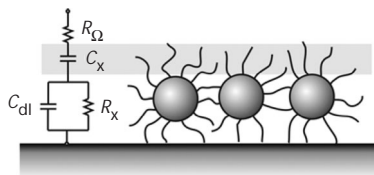


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**2003, 68, 1395–1406**

**Self-Assembly of Monolayer-Coated Silver Nanoparticles on Gold Electrodes. An Electrochemical Investigation**

Massimo Marcaccio, Massimo Margotti, Marco Montalti, Francesco Paolucci, Luca Prodi and Nelsi Zaccheroni

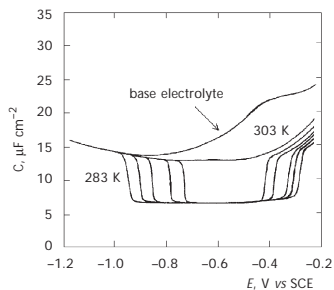


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**2003, 68, 1407–1419**

**Temperature Effect on the Two-Dimensional Phase Transition Kinetics of Adenine Adsorbed at the Hg Electrode/Aqueous Solution Interface**

Claudio Fontanesi, Roberto Andreoli, Luca Benedetti, Roberto Giovanardi and Paolo Ferrarini



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**2003, 68, 1420–1436**

**New Rigid Conducting Composites  
for Electrochemical Sensors**

Barbara Ballarin, Maria del Mar Cordero-Rando,  
Eduardo Blanco, José Luis Hidalgo-Hidalgo De Cisneros,  
Renato Seeber and Domenica Tonelli

Sonogel-carbon material



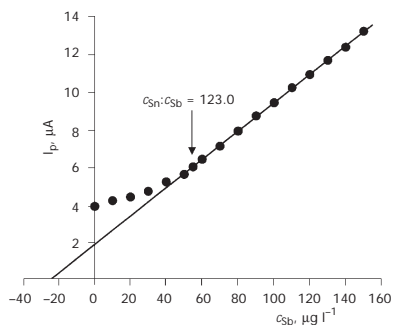
composite electrodes

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**2003, 68, 1437–1448**

**Voltammetric Determination of Metals  
in Copper Alloys at Trace and  
Ultratrace Concentrations**

Clinio Locatelli and Giancarlo Torsi

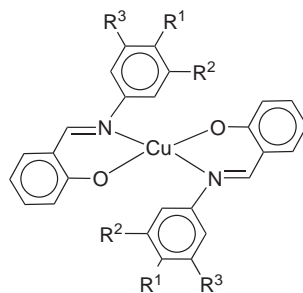


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**2003, 68, 1449–1460**

**An Electrochemical Investigation  
of the Structure of Copper(II)  
Complexes of Schiff Base Ligands  
Derived from Salicylaldehyde and  
Substituted Anilines**

Maddalena Corsini, Emanuela Grigiotti,  
Franco Laschi, Piero Zanello, John Burgess,  
John Fawcett and Syeda R. Gilani

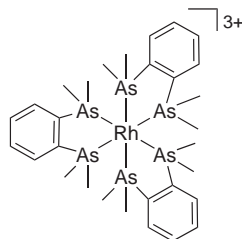


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**2003, 68, 1461–1466**

**Homoleptic Rh(III)–Diphosphine and  
Rh(III)–Diarsine Complexes**

Jamie Bickley, Simon J. Higgins and  
Annemarie A. La Pensée

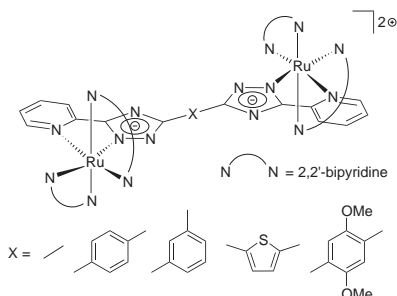


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**2003, 68, 1467–1487**

**Modulation of Internuclear Communication in Multinuclear Ruthenium(II) Polypyridyl Complexes**

Wesley R. Browne, Frances Weldon,  
Adrian Guckian and Johannes G. Vos

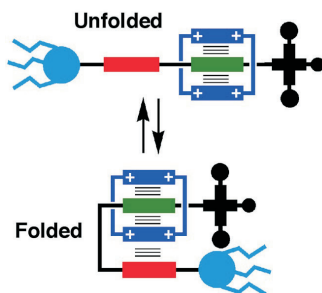


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**2003, 68, 1488–1514**

**Redox-Induced Ring Shuttling and Evidence for Folded Structures in Long and Flexible Two-Station Rotaxanes**

Tohru Yamamoto, Hsian-Rong Tseng,  
J. Fraser Stoddart, Vincenzo Balzani,  
Alberto Credi, Filippo Marchioni and  
Margherita Venturi

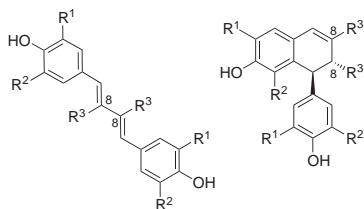


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**2003, 68, 1515–1530**

**Electrochemical Oxidative Coupling of 4-Hydroxycinnamic Ester Derivatives: A Convenient Methodology for the Biomimetic Synthesis of Lignin Precursors**

Anne Neudorffer, Brigitte Deguin,  
Céline Hamel, Maurice-Bernard Fleury and  
Martine Largeton

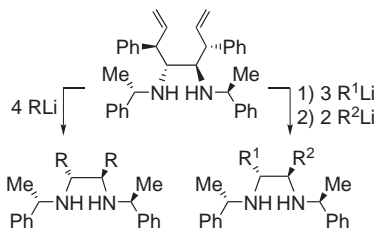


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**2003, 68, 1531–1540**

**A New Chiral Masked Form of Glyoxal Diimine**

Gianluca Martelli and  
Diego Savoia



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**2003, 68, 1541–1554**

**Poly(propylene amine) Dendrimers Decorated with Dimethoxybenzene Units. Photophysical and Electrochemical Properties**

Paola Ceroni, Veronica Vicinelli,  
Mauro Maestri, Vincenzo Balzani,  
Marius Gorka, Sang-Kyu Lee,  
Patrick Dragut and Fritz Vögtle

