
Novel Electrode Materials

Editors:

S. Minter

Saint Louis University
St. Louis, Missouri, USA

B. Lakshmanan

General Motors – Fuel Cell Research
Honeoye Falls, New York, USA

S. Narayanan

Jet Propulsion Laboratory
Pasadena, California, USA

Sponsoring Divisions:



Physical and Analytical Electrochemistry



Energy Technology



Industrial Electrochemistry and Electrochemical Engineering



Published by

The Electrochemical Society

65 South Main Street, Building D
Pennington, NJ 08534-2839, USA

tel 609 737 1902

fax 609 737 2743

www.electrochem.org

ecstransactions™

Vol. 19 No. 21

Copyright 2009 by The Electrochemical Society.
All rights reserved.

This book has been registered with Copyright Clearance Center.
For further information, please contact the Copyright Clearance Center,
Salem, Massachusetts.

Published by:

The Electrochemical Society
65 South Main Street
Pennington, New Jersey 08534-2839, USA

Telephone 609.737.1902
Fax 609.737.2743
e-mail: ecs@electrochem.org
Web: www.electrochem.org

ISSN 1938-6737 (online)
ISSN 1938-5862 (print)

Printed in the United States of America.

ECS Transactions, Volume 19, Issue 21

Novel Electrode Materials

Table of Contents

<i>Preface</i>	<i>iii</i>
Biocompatible Micellar Environment for Enzyme Encapsulation for Bioelectrocatalysis Applications <i>K. Sjöholm, M. Cooney and S. Minteer</i>	1
Synthesis of Novel Electrode Materials Using Supercritical Fluids <i>A. L. Smirnova, Y. Hu, L. Zhang, M. Aindow, P. Menard, P. Singh, D. Goberman, L. Shaw, X. Wan and W. Rhine</i>	9
Effect of Nitrogen Concentration on Nanodiamond Film Characteristics for Electrode Application <i>S. Raina, X. C. LeQuan, W. P. Kang and J. Davidson</i>	23
Author Index	37