
Intercalation Compounds for Lithium Batteries

Editors:

M. S. Whittingham

State University of New York at Binghamton
Binghamton, New York, USA

M. M. Thackeray

Argonne National Laboratory
Argonne, Illinois, USA

P. G. Bruce

University of St. Andrews
St. Andrews, Scotland, United Kingdom

M. R. Palacin

Institut de Ciencia de Materials de Barcelona (CSIC)
Bellaterra, Catalonia, Spain

Sponsoring Divisions:



Battery



Energy Technology



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. 25 No. 14

Copyright 2010 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)
ISSN 2151-2051 (cd-rom)

ISBN 978-1-56677-781-0 (PDF)
ISBN 978-1-60768-131-1 (Softcover)

Printed in the United States of America.

ECS Transactions, Volume 25, Issue 14
Intercalation Compounds for Lithium Batteries

Table of Contents

<i>Preface</i>	<i>iii</i>
Ionothermal Synthesis and Electrochemical Characterization of Nanostructured Lithium Manganese Phosphates <i>P. Barpanda, N. Recham, K. Djellab, A. Boulineau, M. Armand and J. Tarascon</i>	1
A Comparative Study of α - and β - Li_3FeF_6 : Structure and Electrochemical Behavior <i>E. Gonzalo, A. Kuhn and F. Garcia-Alvarado</i>	9
A New Approach to Prepare Nanosized Cathode Materials <i>N. Kosova and E. Devyatkina</i>	19
Fast and Low-cost Synthesis of LiFePO_4/C Composites using Fe^{3+} Precursor <i>N. Kosova, E. Devyatkina and S. Petrov</i>	27
Author Index	37