## Future and Present Advanced Lithium Batteries and Beyond — a Symposium in the Honor of Prof. Bruno Scrosati

**Editors:** 

V. Di Noto

S. Passerini

R. Kostecki

**Sponsoring Divisions:** 

**Battery** 

😰 Physical and Analytical Electrochemistry



# 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

### **Pesitransactions** \*\*

Vol. 72, No. 9

Copyright 2016 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 978-1-62332-378-3 (Soft Cover) ISBN 978-1-60768-736-8 (PDF)

Printed in the United States of America.

#### ECS Transactions, Volume 72, Issue 9

Future and Present Advanced Lithium Batteries and Beyond – a Symposium in the Honor of Prof. Bruno Scrosati

### **Table of Contents**

Preface	iii
Design Study of a Novel, Semi-Solid Li/O2 Redox Flow Battery F. Soavi, I. Ruggeri, C. Arbizzani	1
Molten Salt Synthesis of Transition Metal Oxides doped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> as Anode Material of Li-Ion Battery <i>Q. Guo, Q. Wang, G. Chen, H. Xu, J. Wu, B. Li</i>	11

v

Author Index

25