

GREEN

EDITOR-IN-CHIEF

Martin Stutzmann, Experimental Semiconductor Physics II, Walter Schottky Institut, Technische Universität München, Munich, Germany

FOUNDING EDITORS

Kunihito Koumoto, Department of Applied Chemistry, Graduate School of Engineering, University Nagoya, Nagoya, Japan

Joachim Luther, ISE - Fraunhofer Institute for Solar Energy Systems, Freiburg, Germany

Qingbo Meng, Renewable Energy Laboratory, Institute of Physics, Chinese Academy of Physics, Beijing, China

Hubert Gasteiger, Technical Electrochemistry, Department of Chemistry, Technische Universität München, Garching, Germany

EDITORIAL ADVISORY BOARD

Akira Fujishima, Tokyo University of Science, Tokyo, Japan

Reinhard F.J. Hüttel, Helmholtz Centre Potsdam, GFZ - German Research Centre for Geosciences, Potsdam, Germany

Franklin (Feng) Tao, Department of Chemistry and Biochemistry, University of Notre Dame, Notre Dame, United States of America

ABSTRACTED/INDEXED IN AGRICOLA (National Agricultural Library), Celdes, CNPIEC, EBSCO Discovery Service, Google Scholar, J-Gate, Microsoft Academic Search, Naviga (Softweco), Primo Central (ExLibris), ProQuest - The Summon, TEMA Technik und Management, WorldCat (OCLC)

GREEN is dedicated to basic and applied research covering all aspects of energy conversion, storage, distribution, and efficiency improvements for a sustainable supply of mankind. Contributions from Physics, Chemistry, Biology and Biotechnology, the Engineering and Material Sciences as well as interdisciplinary research are welcome.

The aim of Green is to provide a common scientific forum for all aspects of sustainable energy science and technology and, in this way, to foster the dissemination of latest results among the different disciplines contributing to this vast research area, and to stimulate the discussion and cooperation between scientists and decision makers working towards the common goal of a sustainable energy supply.

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.green-journal.org.

ISSN 1869-876X · e-ISSN 1869-8778

RESPONSIBLE EDITOR Prof. Dr. Martin Stutzmann, Technical University Munich (TUM), Germany.

JOURNAL MANAGER Dr. Karin Lason, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany.

T +49 (0)30 260 05-276, F +49 (0)30 260 05-184

Email: karin.lason@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Panagiota Herbrand, De Gruyter, Rosenheimer Straße 143, 81671 München, Germany.

Tel.: +49 (0)89 769 02 – 394, Fax: +49 (0)89 769 02 – 350

Email: panagiota.herbrand@degruyter.com

© 2013 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING Asco Typesetters, Hong Kong

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim



Printed in Germany

COVER ILLUSTRATION iStockphoto/Thinkstock

Contents

Short Reports — 167

Energiewende Essay

Weert Canzler, Ante Galich and Lutz Marz
**The German Hydrogen and Fuel Cell
Community – Successes and Failures — 173**

Original Article

Ravi Shankar, Prasenjit Mondal and Shri Chand
**Modelling and Simulation of Double Chamber Microbial
Fuel Cell: Cell Voltage, Power Density and Temperature
Variation with Process Parameters — 181**

De Gruyter Bookshelf

Yusuf Chisti
Raceways-based Production of Algal Crude Oil — 195

Conferences

**Future Conferences on Sustainable Energy Science and
Policy 2013 — 217**

