

Advances in Chemical Engineering and Science

Special Issue on Supramolecular Chemistry



Journal Editorial Board

ISSN 2160-0392 (Print) ISSN 2160-0406 (Online) http://www.scirp.org/journal/aces

Editor-in-Chief

Prof. SungCheal Moon Korea Institute of Materials Science (KIMS), South Korea

Editorial Board

Prof. Azzedine Abbaci Université Badji Mokhtar, Algeria Prof. Jose-Maria Bastidas Spanish Council for Scientific Research (CSIC), Spain Dr. Sampa Chakrabarti University of Calcutta, India Dr. Changle Chen Celanese Corporation, USA Prof. Juan A. Conesa University of Alicante, Spain Prof. Zhen Fang Chinese Academy of Sciences, China Prof. Chang-Sik Ha Pusan National University, South Korea Prof. Hasan Abdellatif Hasan Jordan University of Science and Technology, Jordan Dr. Christopher J. Koroneos National Technical University of Athens, Greece Prof. Roberto Fernández Lafuente Consejo Superior de Investigaciones Científicas, Spain Tomas Bata University, Czech Republic **Prof. Lubomir Lapcik** Prof. Fengshan Liu National Research Council Canada, Canada Dr. Muhammad Mansha University of Engineering and Technology, Pakistan Prof. Hamdaoui Oualid University of Annaba, Algeria Natural Resources Canada, Canada Prof. Hristo Sapoundjiev Prof. Chi-Min Shu National Yunlin University of Science and Technology, Chinese Taipei Prof. Georgiy B. Shul'pin Russian Academy of Sciences, Russia Government VYT Post Graduate Autonomous College, India Dr. Ajaya Kumar Singh University of Zagreb, Croatia Dr. Neven Ukrainczyk National Insistute of Standards and Technology, USA Dr. Shuangzhen Wang Dr. Chunliang Wu Louisiana State University, USA Dr. Hongwei Wu Beijing University of Aeronautics and Astronautics, China Moscow State Academy of Fine Chemical Technology, Russia Prof. Gennady Efremovich Zaikov



TABLE OF CONTENTS

Advances in Chemical Engineering and Science (ACES)

Journal Information

SUBSCRIPTIONS

The *Advances in Chemical Engineering and Science* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$59 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: sub@scirp.org

COPYRIGHT

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact: E-mail: aces@scirp.org

Call for Papers

1991: 2190-2392 VALA DE JAN JAN 2013 Extension Advances in Chemical Engineering and Science Special Issue on Supramolecular Chemistry



Advances in Chemical Engineering and Science

ISSN: 2160-0392 (Print), 2160-0406 (Online) www.scirp.org/journal/aces

Advances in Chemical Engineering and Science is an open access, peer-reviewed and fully refereed journal focusing on theories, methods and applications in chemical engineering and science. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Advances in Chemical Engineering and Science.

Editor-in-Chief

Prof. SungCheal Moon

Korea Institute of Materials Science (KIMS), South Korea

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Biochemical Engineering
- Bio-Engineering Materials
- Chemical Engineering Biotechnology
- Chemical Reaction
- Chemical Reaction Related Unit Operations
- Chemicals
- Composite Materials
- Electrochemistry of Nanomaterials and Applications
- Energy Engineering
- Environmental Engineering
- Fluid Mechanics

- Green Chemistry
- Molecular Assembly
- Nanomaterials
- Nano-Scale Phenomena
- Nanostructured Materials
- Nanotechnology
- Natural Products
- Optimization of Chemical Engineering Systems
- Petrochemical
- Pharmaceuticals Polymers
- Specialty Chemicals
- Transport Phenomena

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **ACES**.

Notes for Intending Authors

Submitted papers should not be previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers will be peer reviewed. For more derails about the submission, please access the website.

Website and E-Mail

www.scirp.org/journal/aces

E-mail: aces@scirp.org