Journal Editorial Board

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

Editor-in-Chief
Prof. Sung Cheal 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
Prof. Juan A. Conesa  University of Alicante, Spain
Prof. Zhen Fang  Chinese Academy of Sciences, China
Prof. Mervin Floyd Fingas  National Academy of Sciences, USA
Dr. Mazyar Parvinzadeh Gashti  Université Laval, Canada
Dr. A. Nirmala Grace  VIT University, India
Prof. Chang-Sik Ha  Pusan National University, South Korea
Dr. Christopher J. Koroneos  National Technical University of Athens, Greece
Prof. Roberto Fernández Lafuente  Consejo Superior de Investigaciones Científicas, Spain
Prof. Lubomír Lapeček  Tomas Bata University, Czech Republic
Prof. Fengshan Liu  National Research Council, Canada
Dr. Muhammad Mansha  University of Engineering and Technology, Pakistan
Dr. Miguel Miranda  National Laboratory of Engineering and Geology, I.P., Portugal
Prof. Hasan Abdellatif Mousa  Jordan University of Science and Technology, Jordan
Prof. Hamdaoui Oualid  University of Annaba, Algeria
Dr. Graziano Pinna  University of Illinois at Chicago, USA
Prof. Hristo Sapoundjiev  Natural Resources Canada, Canada
Prof. Chi-Min Shu  National Yunlin University of Science and Technology, Chinese Taipei
Prof. Georgiy B. Shul’pin  Russian Academy of Sciences, Russia
Dr. Ajaya Kumar Singh  Government VYT Post Graduate Autonomous College, India
Dr. Shuangzhen Wang  National Insititute of Standards and Technology, USA
Dr. Chunliang Wu  Louisiana State University, USA
Dr. Hongwei Wu  University of Hertfordshire, UK
Prof. Gennady Efremovich Zaikov  Moscow State Academy of Fine Chemical Technology, Russia
Table of Contents

Volume 9 Number 1 January 2019

Kinetics on Thermal Decomposition of Iron(III) Complexes of 1,2-Bis(Imino-4’-Antipyrinyl)Ethane with Varying Counter Anions
F. Elemo, T. Gebretsadik, M. Gebrezgiabher, Y. Bayeh, M. Thomas.................................................................1

A Controlled Mixing Method for Stabilizing the Purity and Reducing the Waste in Gas Delivery Systems
J. S. Wu, F. Shadman.............................................................................................................................................11

Hydrodynamic Modelling, Thermodynamic and Textural Variations during Common Beans Soaking
E. M. Kwofie, O. I. Mba, M. Ngadi..............................................................................................................................27

Temperature Dependence of Density, Viscosity, Thermal Conductivity and Heat Capacity of Vegetable Oils for Their Use as Biofuel in Internal Combustion Engines

Hydration Characteristics of Selected Varieties of Paddy Rice from Nigeria
C. Ejebe, E. M. Kwofie, M. Ngadi...............................................................................................................................65

Synthesis of Branch-Type Cyclophane Tetramers Having a Multivalently Enhanced Guest-Binding Ability
O. Hayashida, C. Nada, S. Kusano...............................................................................................................................76

Investigation of Different Ionic Liquids in Improving Oil Recovery Factor
A. Alarbah, M. Shirif, E. Shirif..................................................................................................................................87

Protein Enrichment of Potato Peels Using Saccharomyces cerevisiae via Solid-State Fermentation Process
O. I. Maxwell, U. B. Chinwuba, M. G. Onyebuchukwu.............................................................................................99

A Review of Promising Electrocoagulation Technology for the Treatment of Wastewater
M. A. Sadik.................................................................................................................................................................109
Advances in Chemical Engineering and Science (ACES)
Journal Information

SUBSCRIPTIONS


Subscription rates:
Print: $79 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)
E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:
Copyright © 2019 by Scientific Research Publishing Inc.
This work is licensed under the Creative Commons Attribution International License (CC BY).
http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:
Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:
Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability
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 assume 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

Advances in Chemical Engineering and Science

ISSN: 2160-0392 (Print), 2160-0406 (Online)
http://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. Sung Cheal 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
- Organic Chemistry
- 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 details about the submission, please access the website.

Website and E-Mail
www.scirp.org/journal/aces  E-mail: aces@scirp.org