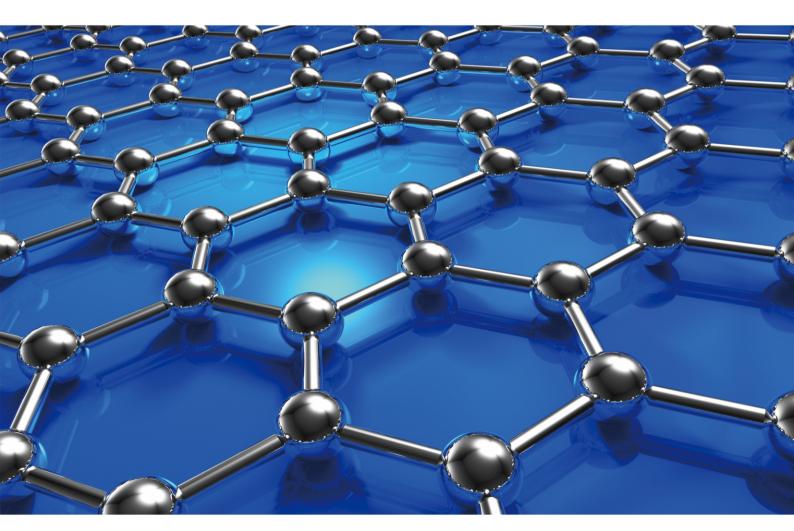




Advances in Chemical Engineering and Science





Journal Editorial Board

ISSN 2160-0392 (Print) ISSN 2160-0406 (Online)

https://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

Prof. Ercan Bursal Mus Alparslan University, Turkey

Dr. Sampa ChakrabartiUniversity of Calcutta, IndiaProf. Juan A. ConesaUniversity of Alicante, Spain

Prof. Zhen Fang Chinese Academy of Sciences, China
Prof. Mervin Floyd Fingas National Academy of Sciences, USA

Dr. Mazeyar Parvinzadeh GashtiUniversité Laval, CanadaDr. A. Nirmala GraceVIT University, India

Prof. Chang-Sik Ha

Pusan National University, South Korea

Dr. Christopher J. KoroneosNational Technical University of Athens, Greece

Prof. Roberto Fernández Lafuente Consejo Superior de Investigaciones Científicas, Spain

Prof. Lubomir LapcikTomas Bata University, Czech RepublicProf. Fengshan LiuNational Research Council, Canada

Dr. Miguel Miranda National Laboratory of Engineering and Geology, I.P., Portugal

Prof. Hasan Abdellatif MousaJordan University of Science and Technology, Jordan

Prof. Hamdaoui Oualid University of Annaba, Algeria

Dr. Graziano PinnaUniversity of Illinois at Chicago, USAProf. Hristo SapoundjievNatural Resources Canada, Canada

Prof. Chi-Min ShuNational 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 Insistute of Standards and Technology, USA

Dr. Chunliang WuLouisiana State University, USADr. Hongwei WuUniversity of Hertfordshire, UK

Prof. Gennady Efremovich Zaikov Moscow State Academy of Fine Chemical Technology, Russia



Volume 10

Number 1

ISSN Online: 2160-0406 ISSN Print: 2160-0392

Table of Contents

January 2020 Preparation and Application of the Hydrophilic Amino-Silicone Softener by Emulsion **Polymerization** R. Artikboeva, Y. Wu, M. X. Yang, C. Jie, Q. Heng.....1 Effects of Surface Modifications on the Mechanical Properties of Reinforced Pineapple Leaf Fibre Polypropylene Composites S. W. Gadzama, O. K. Sunmonu, U. S. Isiaku, A, Danladi......24 Ionic Liquids and Deep Eutectic Solvents and Their Use for Dissolving Animal Hair T. V. Sakhno, N. N. Barashkov, I. S. Irgibaeva, S. Mendigaliyeva, D. S. Bostan......40 The Theory of Conjugate Reactions in the Context of Modern Ideas T. Nagiev......52 Insecticidal Activity of an Indian Botanical Insecticide ULTRA ACT against the Olive Pest Bactrocera oleae (Diptera: Tephritidae) in Tunisia

Advances in Chemical Engineering and Science (ACES) Journal Information

SUBSCRIPTIONS

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

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)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2020 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 © 2020 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

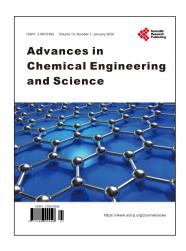
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any 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)

https://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 derails about the submission, please access the website.

E-mail: aces@scirp.org

Website and E-Mail

https://www.scirp.org/journal/aces

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org