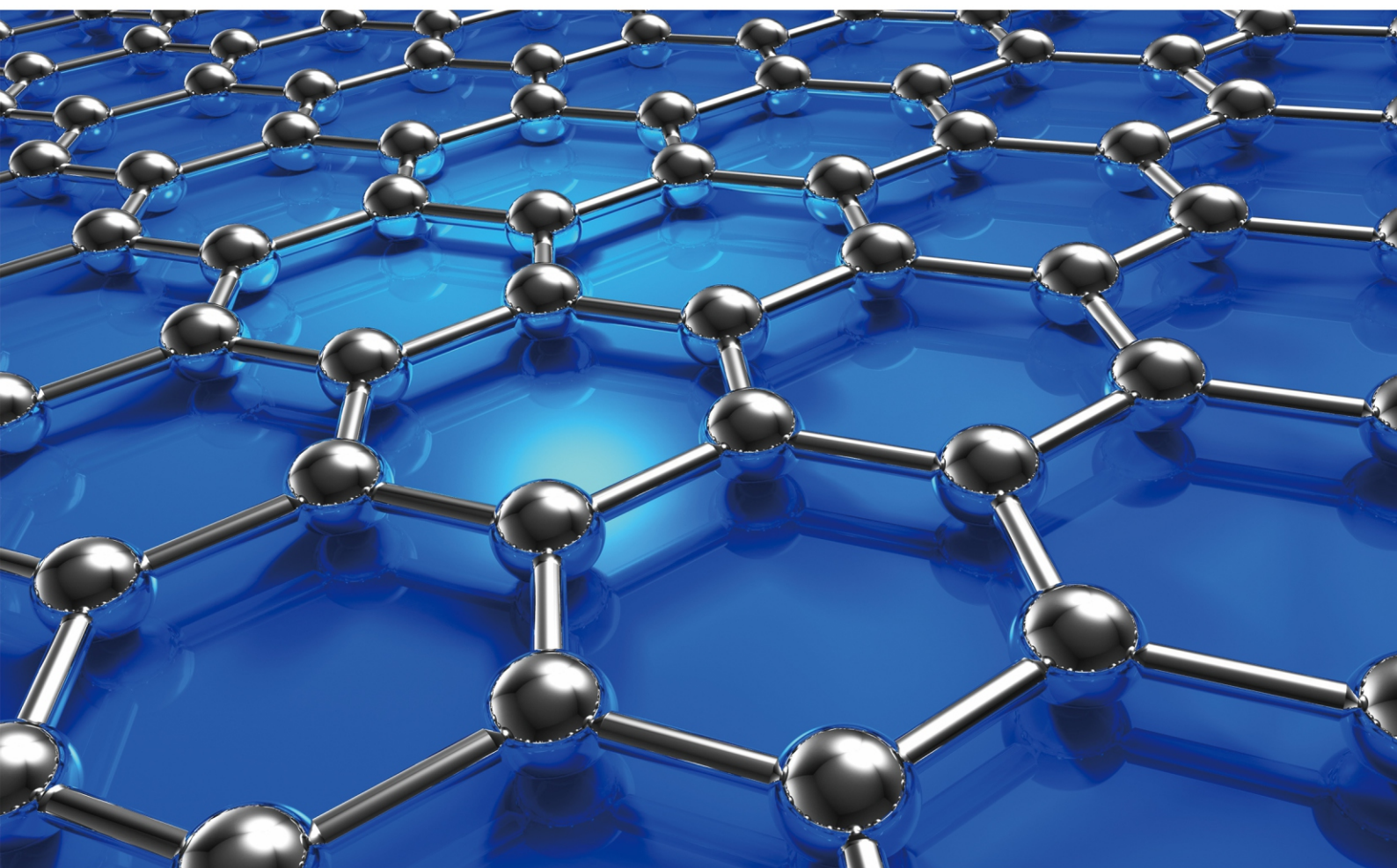


ISSN: 2160-0392 Volume 16, Number 2, April 2026



Advances in Chemical Engineering and Science



ISSN: 2160-0392



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

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, Türkiye

Prof. Elton J. Cairns

Department of Chemical and Biomolecular, University of California, USA

Prof. Kevin C. Cannon

Penn State Abington, USA

Dr. Mei Yee Maggie CHAN

Department of Chemistry, The University of Hong Kong, China

Dr. Abdul Rouf Dar

Department of Chemistry, University of Florida, USA

Prof. Zhen Fang

College of Engineering, Nanjing Agricultural University, China

Prof. Mervin Fingas

College of Alberta, Concordia University, Canada

Dr. Mazeyar Parvinzadeh Gashti

Department of Chemistry, Pittsburg State University, USA

Dr. A. Nirmala Grace

Center for Nanotechnology Research, VIT University, India

Prof. Chang-Sik Ha

Department of Polymer Science and Engineering, Pusan National University, South Korea

Prof. Oualid Hamdaoui

King Saud University, Saudi Arabia

Prof. Alireza Heidari

Faculty of Chemistry, California South University (CSU), USA

Dr. Christopher J. Koroneos

National Technical University of Athens, Greece

Prof. Roberto Fernández Lafuente

CSIC - Instituto de Catálisis y Petroleoquímica (ICP), Spain

Prof. Lubomir Lapcik

Tomas Bata University, Czech Republic

Prof. Fengshan Liu

Metrology Research Centre, National Research Council, Canada

Dr. Domingos Lusitano Pier Macuvelo

Department of Science, Engineering, Technology and Mathematics, University of Rovuma, Mozambique

Dr. Muhammad Mansha

University of Engineering and Technology, Pakistan

Dr. Miguel Miranda

National Laboratory of Engineering and Geology, I.P., Portugal

Prof. Hasan Mousa

Jordan University of Science and Technology, Jordan

Prof. G. Panduranga Murthy

Visvesvaraya Technological University, India

Prof. Tarasankar Pal

Department of Chemical Sciences, University of Johannesburg, South Africa

Prof. Onder Pekcan

Kadir Has University, Türkiye

Dr. Ram Prasad

Mahatma Gandhi Central University, India

Prof. Anjanapura V. Raghun

Dayananda Sagar University, India

Dr. Josimar Ribeiro

Universidade Federal do Espírito Santo, Brazil

Prof. Tamara Sakhno

Poltava State Agrarian University, Ukraine

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. Md Nurul Islam Siddique

Faculty of Ocean Engineering Technology & Informatics, Program: Environmental Engineering, University Malaysia Terengganu (UMT), Malaysia

Prof. Everaldo Silvino dos Santos

Chemical Engineering Department, Federal University of Rio Grande do Norte, Brazil

Prof. Ajaya Kumar Singh

Department of Chemistry, Govt. V. Y. T. PG. Autonomous College, India

Dr. Shuangzhen Wang

National Institute of Standards and Technology, USA

Dr. Chunliang Wu

Louisiana State University, USA

Dr. Hongwei Wu

University of Hertfordshire, UK

Prof. Gennady Efremovich Zaikov

N.M. Emanuel's Institute of Biochemical Physics, Russia

Table of Contents

Volume 16 Number 2

April 2026

UV-C Photodegradation Kinetics and Fluorescence Dynamics of Fluoroquinolones in the Waters of the Senegal River

A. Khonté, C. Dione, A. Dieng, P. A. Diaw, J. P. Bakhoum, D. Sarr, D. D. Thiaré, N. A. Diop, A. Coly,

P. Giamarchi9

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 © 2026 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 © 2026 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.

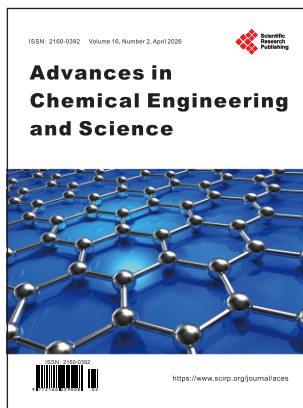
Disclaimer of liability

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



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 details about the submission, please access the website.

Website and E-Mail

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

E-mail: aces@scirp.org

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



**Scientific
Research
Publishing**

Website: <https://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org