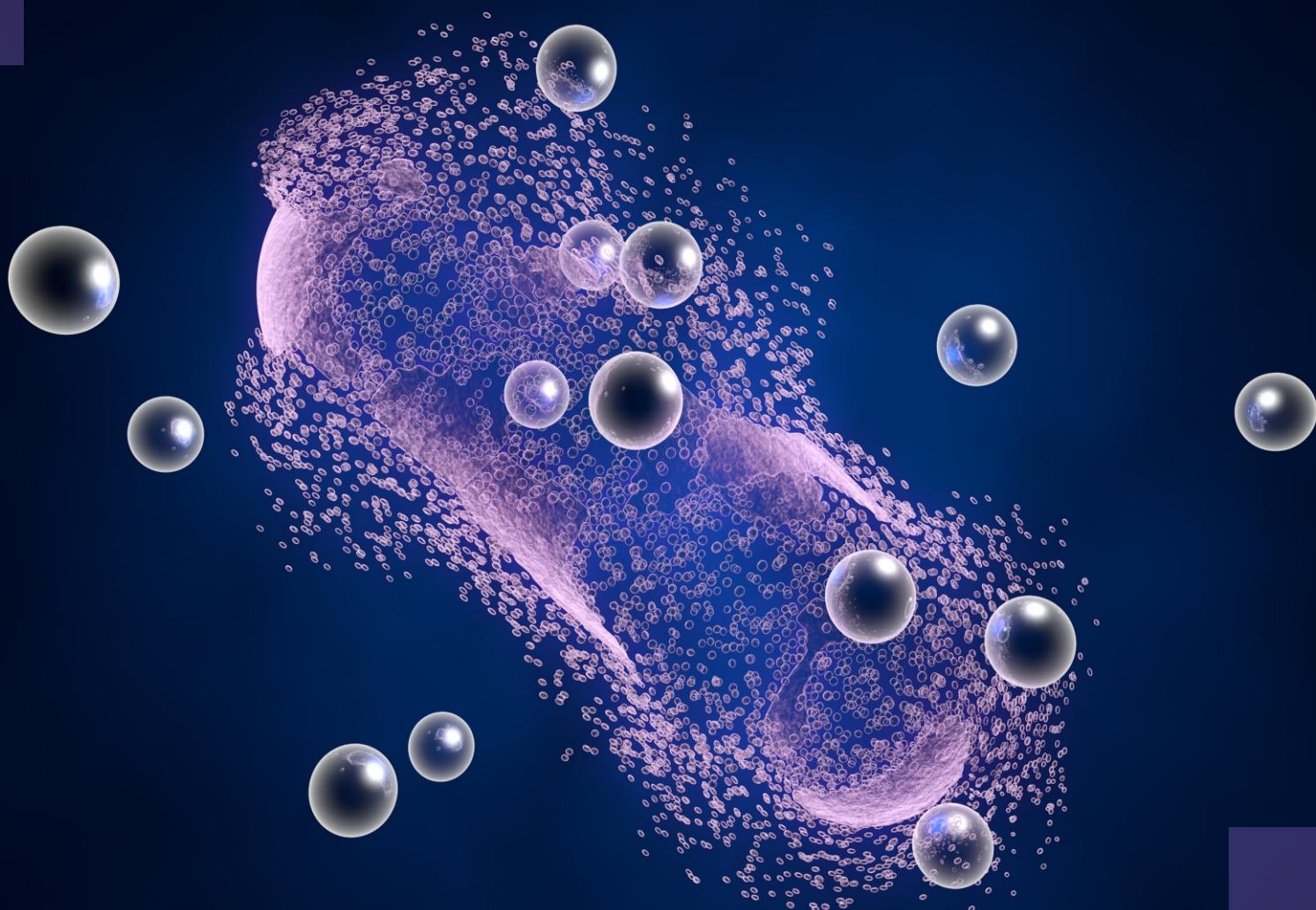


ISSN: 2169-0510 Volume 10, Number 4, November 2021



Advances in Nanoparticles



ISSN: 2169-0510



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

Journal Editorial Board

ISSN 2169-0510 (Print) ISSN 2169-0529 (Online)

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

Editorial Board

Prof. SAHIN AHMED

Prof. Talib M. Albayati

Dr. Maria do Carmo Martins Alves

Dr. Zhengdong Cheng

Dr. Narayan Chandra Das

Dr. Ahmed A. Farghaly

Dr. Cristina Femoni

Prof. OSAMAA FOUAD

Prof. Mauro Comes Franchini

Prof. M. R. R. Fuente

Dr. Carmen L. Gomes

Dr. A. Nirmala Grace

Prof. Alireza Heidari

Dr. Muhammad Delwar Hussain

Dr. Shahid Hussain

Dr. Sunirmal Jana

Prof. R. Vasant Kumar

Prof. Ying-Ling Liu

Dr. S. R. Mishra

Dr. Elisabeta Mitran

Dr. Ahmed A. Mohamed

Dr. Akira Otsuki

Dr. Vilas G. Pol

Prof. Anjanapura V. Raghu

Dr. PRASANTA KUMAR RAUL

Prof. SUNIPA ROY

Prof. Md Motin Seikh

Dr. Ceyda Tuba Sengel-Turk

Dr. Shirish H. Sonawane

Dr. Rajasekaran Swaminathan

Prof. Jung-Chang Wang

Dr. Suhe Wang

Dr. Suying Wei

Prof. Gayle E. Woloschak

Prof. Wing-Tak Wong

Prof. Mufei Xiao

Prof. Khushwant S. Yadav

Dr. William W. Yu

Dr. Xiangwu Zhang

the Faculty of Engineering and Technology, Gauhati University, India

University of Technology, Chemical Engineering Department, Baghdad, Iraq

Universidade Federal do Rio Grande do Sul—UFRGS, Brazil

Texas A&M University, USA

Indiana University, USA

Argonne National Laboratory, USA

University of Bologna, Italy

Nanostructured Materials & Nanotechnology Division Advanced Materials

Department Central Metallurgical Research & Development Institute, Egypt

Department of Organic Chemistry A. Mangini, Italy

National Autonomous University of Mexico, Mexico

Texas A&M University, USA

VIT University, India

California South University, USA

Texas A&M Health Sciences Center, USA

National Engineering Research Centre for Magnesium Alloys, China

Sol-Gel Division, Central Glass and Ceramic Research Institute, India

University of Cambridge, UK

National Tsing Hua University, Chinese Taipei

Siksha'O'Anusandhan Deemed to be University, India

Louisiana State University, USA

Delaware State University, USA

Curtin University, Australia

Argonne National Laboratory, USA

Jain Deemed-to-be University, India

Defence Research Laboratory, Tezpur DRDO, Ministry of Defence, India

Jadavpur University, India

Department of Chemistry, Visva-Bharati University, India

Ankara University, Turkey

National Institute of Technology, India

Intel Corporation, USA

National Taiwan Ocean University, Chinese Taipei

University of Michigan, USA

Lamar University, USA

Northwestern University, USA

The Hong Kong Polytechnic University, China

Universidad Nacional Autónoma de México, Mexico

Rajeev Gandhi College of Pharmacy, India

Rice University, USA

North Carolina State University, USA

Table of Contents

Volume 10 Number 4

November 2021

**Comparative Study between Magnetite Nanoparticles and Magnetite/Silver as a Core/Shell
Nanostructure**

N. I. Abdo.....115

Advances in Nanoparticles (ANP)

Journal Information

SUBSCRIPTIONS

The *Advances in Nanoparticles* (Online at Scientific Research Publishing, <https://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 and reuse rights for the front matter of the journal:

Copyright © 2021 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 © 2021 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: anp@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