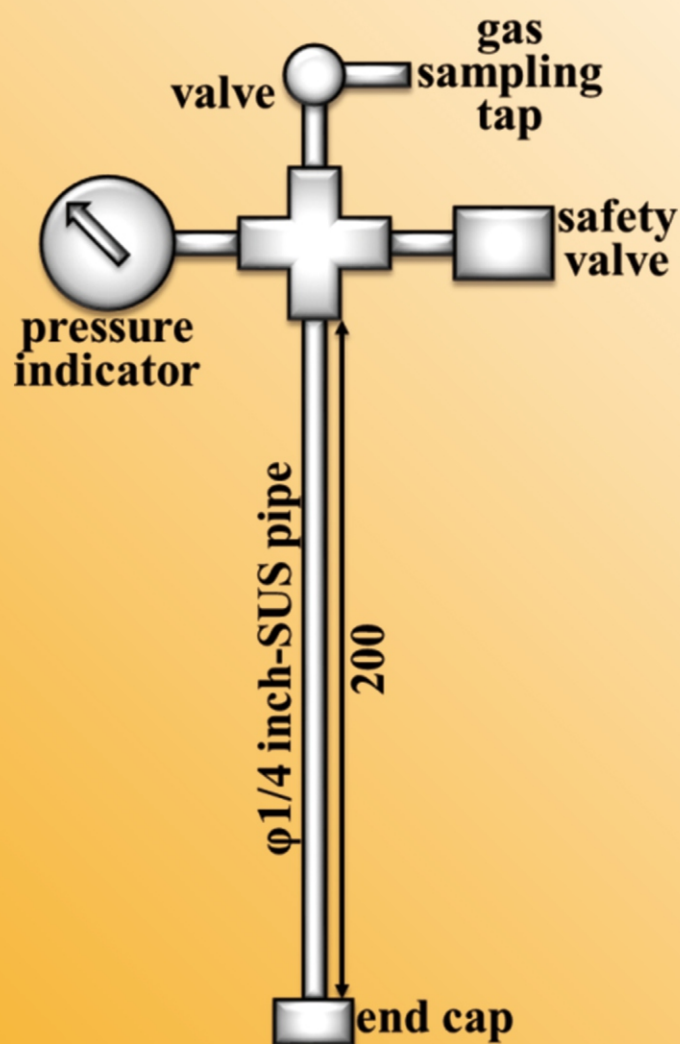


Green and Sustainable Chemistry



Journal Editorial Board

ISSN Print: 2160-6951 ISSN Online: 2160-696X

<http://www.scirp.org/journal/gsc>

Editor-in-Chief

Prof. Nour-Eddine Es-Safi

Mohammed V University in Rabat, Morocco

Editorial Board

Prof. Abbas Afkhami

Prof. Salah Akkal

Prof. Nelson Belzile

Prof. Asim Bhaumik

Prof. Pradip K. Bhowmik

Prof. George Bratulescu

Prof. Chieh-Ming James Chang

Prof. Jo-Shu Chang

Prof. Xiuyun Chuan

Prof. T. C. Chung

Prof. Mircea Darabantu

Prof. Zhen Fang

Dr. Majid Ghashang

Dr. Qilin Huang

Prof. Mo Hunsen

Prof. William E. Acree Jr.

Prof. György Keglevich

Prof. Shailendra Kumar Kulshreshtha

Prof. Yoon-Sik Lee

Prof. Silvia Licoccia

Prof. Yangsheng Liu

Dr. Ying-Ling Liu

Prof. Averous Luc

Prof. Ram S. Mohan

Prof. S. V. Ranga Nayakulu

Prof. Nagatoshi Nishiwaki

Prof. Kotohiro Nomura

Prof. Vilas G. Pol

Prof. Batchu Venkateswara Rao

Prof. Ismael Saadoun

Prof. Mohammed Abd El-Dayem Sallam

Prof. Zhihui Shao

Prof. Yongsoon Shin

Prof. Artur Manuel Soares Silva

Prof. Gurdip Singh

Dr. Prakash R. Somani

Prof. Gonghua Song

Prof. Piotr Stepnowski

Dr. Chuan Wang

Prof. Hongjie Zhang

Dr. Xiaowei Zhou

Prof. Jin Zhu

Bu-Ali Sina University, Iran

University of Constantine, Algeria

Laurentian University, Canada

Indian Association for the Cultivation of Science, India

University of Nevada, USA

University of Craiova, Romania

National Chung Hsing University, Chinese Taipei

National Cheng Kung University, Chinese Taipei

Peking University, China

The Pennsylvania State University, USA

University Babes-Bolyai, Romania

Chinese Academy of Sciences, China

Islamic Azad University, Iran

Huazhong Agriculture University, China

Kenyon College, USA

The University of North Texas, USA

Budapest University of Technology and Economics, Hungary

Atomic Energy Education Society, India

Seoul National University, South Korea

University of Rome Tor Vergata, Italy

Peking University, China

National Tsing Hua University, Chinese Taipei

University of Strasbourg, France

Illinois Wesleyan University, USA

Guru Nanak Engg College, India

Kochi University of Technology, Japan

Tokyo Metropolitan University, Japan

Argonne National Laboratory, USA

Indian Institute of Chemical Technology, India

Faculty of Science and Technologies Marrakesh, Morocco

Alexandria University, Egypt

Yunnan University, China

Pacific Northwest National Laboratory, USA

Universidade de Aveiro, Portugal

Deen Dayal Upadhyay Gorakhpur University, India

Applied Science Innovations Pvt. Ltd., India

East China University of Science and Technology, China

University of Gdańsk, Poland

Department of Chemistry University of Chicago, China

Chinese Academy of Sciences, China

Northwestern University, USA

Nanjing University, China

Table of Contents

Volume 6 Number 3

August 2016

Unsubstituted β-Alkyl Aspartates as Highly Biodegradable and Almost Nontoxic Surfactants	
S. Brica, M. Klavins, A. Zicmanis.....	125
Direct Production of High Pressure Hydrogen at Great Rate from Glycerol/Water/Metal Mixture	
S. Deguchi, N. Isu, N. Kobayashi, H. Ohtani, S. Miwa, M. Ito.....	136
Engaging Freshman Undergraduate Students in Faculty Environmental Science Research: Testing the Local Surface Waters for Nitrate, Phosphate, and Ammonium Ions Using Two Affordable Methods as an Example	
S. Abu-Baker, C. Frazier, N. Frazier, S. Ghaffari.....	143

Green and Sustainable Chemistry (GSC)

Journal Information

SUBSCRIPTIONS

The *Green and Sustainable Chemistry* (Online at Scientific Research Publishing, 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 © 2016 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 © 2016 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: gsc@scirp.org