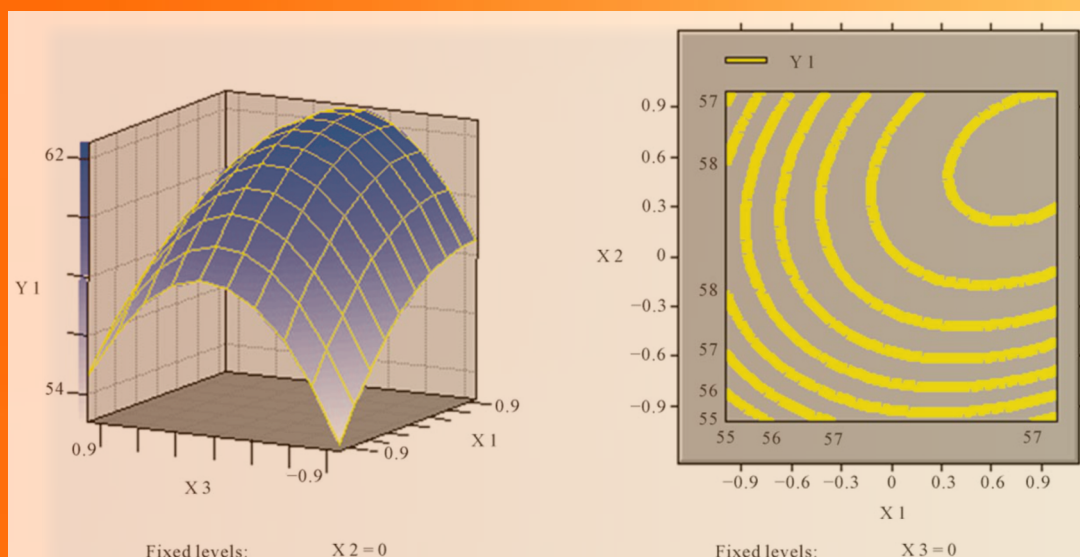




American Journal of Analytical Chemistry



ISSN: 2156-8251



Journal Editorial Board

ISSN Print: 2156-8251 ISSN Online: 2156-8278

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

Editor-in-Chief

Prof. Raman Venkataramanan

University of Pittsburgh, USA

Editorial Board

Prof. Talal Ahmad Aburjai

University of Jordan, Jordan

Dr. Mohamed Said Attia

Ain Shams University, Egypt

Prof. Doo Soo Chung

Seoul National University, South Korea

Dr. Jimmy Thomas Efird

University of North Carolina, USA

Dr. Lizhen Gao

University of Western Australia, Australia

Dr. Gustavo Stoppa Garbellini

Federal University of São Carlos (UFSCAR), Brazil

Prof. Bin Hu

Wuhan University, China

Dr. Abubakr M. Idris

King Khalid University, Saudi Arabia

Dr. Muntean Edward Ioan

University of Agricultural Sciences and Veterinary Medicine (USAMV) Cluj-Napoca, Romania

Dr. Harald John

Bundeswehr Institute of Pharmacology and Toxicology, Germany

Dr. Satoshi Kaneco

Mie University, Japan

Prof. Do Hyun Kim

Korea Advanced Institute of Science and Technology, South Korea

Prof. Jilie Kong

Fudan University, China

Prof. Raghavendra V. Kulkarni

BLDEA's College of Pharmacy, India

Dr. Vanya Bogdanova Kurteva

Bulgarian Academy of Sciences, Bulgaria

Dr. Igor K. Lednev

University at Albany, USA

Dr. Kong M. Li

University of Sydney, Australia

Prof. Robert J. Linhardt

Rensselaer Polytechnic Institute (RPI), USA

Prof. Robert H. Lipson

University of Victoria, Canada

Prof. Georges Lognay

Gembloux Agro-Bio Tech, Belgium

Dr. Rocio Maceiras-Castro

University of Vigo, Spain

Dr. Lijie Men

Johnson & Johnson, USA

Dr. Tanja Mimmo

Free University of Bolzano, Italy

Prof. Vladimir M. Mirsky

Lausitz University of Applied Sciences, Germany

Dr. Kingsuk Mukhopadhyay

Defence Materials & Stores Research & Development Establishment, India

Prof. K. Natarajan

Bharathiar University, India

Dr. Mu. Naushad

King Saud University, Saudi Arabia

Prof. Li Niu

Chinese Academy of Sciences, China

Dr. Hyun Gyu Park

Korea Advanced Institute of Science and Technology, South Korea

Prof. Tae Jung Park

Chung-Ang University, South Korea

Dr. Surendra Prasad

University of the South Pacific, Fiji

Dr. Ziyaar Rahman

Food and Drug Administration, India

Prof. Susana Rodríguez-Couto

Unit of Environmental Engineering, Spain

Dr. José Manuel Amigo Rubio

University of Copenhagen, Denmark

Dr. Hans Sanderson

Aarhus University, Denmark

Prof. Alberto Chisvert Sanía

University of Valencia, Spain

Dr. Rajat Sethi

Texas A&M Health Science Center, USA

Prof. Xuping Sun

Chinese Academy of Sciences, China

Dr. Yugang Sun

Argonne National Laboratory, USA

Dr. Eric Robert Tkaczyk

University of Tartu Medical School, Estonia

Prof. Ciddi Veeresham

Kakatiya University, India

Prof. Gavin M. Walker

Queen's University Belfast, UK

Prof. Thomas P. West

South Dakota State University, USA

Prof. Hui-Fen Wu

National Sun Yat-sen University, Chinese Taipei

Dr. Qingli Wu

Rutgers University, USA

Prof. Tangfu Xiao

Chinese Academy of Sciences, China

Dr. Chun Yang

Nanyang Technological University, China

Dr. George Zachariadis

Aristotle University of Thessalonike, Greece

Prof. Anyun Zhang

Zhejiang University, China

Prof. Jianwen Zhang

Beijing University of Chemical Technology (BUCT), China

Prof. Tonglai Zhang

Beijing Institute of Technology, China

TABLE OF CONTENTS

Volume 4 Number 10

October 2013

Sensitive Spectrofluorimetric Method for Determination of Fluoroquinolones through Charge-Transfer Complex Formation

J. Shah, M. R. Jan, Inayat Ullah, S. Shah.....521

3D Fluorescence Characterization of Synthetic Organic Dyes—Effect of pH

L. J. Soltzberg, S. Flynn, V. Kirch, R. Newman.....531

Electrochemical Study of Cadmium (II) Complexation with Cysteine

S. Ramani, B. Raspor, T. Arbnesi.....577

Application of 3A Zeolite Prepared from Venezuelan Kaolin for Removal of Pb (II) from Wastewater and Its Determination by Flame Atomic Absorption Spectrometry

W. Rondón, D. Freire, Z. de Benzo, A. B. Sifontes, Y. González, M. Valero, J. L. Brito.....584

Optimization of Fermentation Medium for Producing α -Hydroxyphenylacetic Acid by Using Plackett-Burman Design and Response Surface Methodology

Z. G. Hou, B. M. Chen, J. Lan, Y. M. Liu, X. P. Xu, J. Y. Gu, J. J. Gu.....594

Quantitative Detection of Aloin and Related Compounds Present in Herbal Products and *Aloe vera* Plant Extract Using HPLC Method

K. Logaranjan, T. Devasena, K. Pandian.....600

The figure on the front cover is from the article published in American Journal of Analytical Chemistry, 2013, Vol. 4, No. 10, pp. 594-599 by Zhiguo Hou, *et al.*

American Journal of Analytical Chemistry (AJAC)

Journal Information

SUBSCRIPTIONS

The *American Journal of Analytical Chemistry* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly 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©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

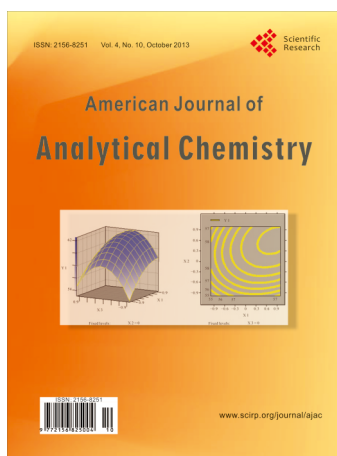
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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: ajac@scirp.org



American Journal of Analytical Chemistry

ISSN Print: 2156-8251 ISSN Online: 2156-8278

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

American Journal of Analytical Chemistry is a peer reviewed international journal dedicated to the latest advancement of analytical chemistry. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties. With an open access publication model of this journal, all interested readers around the world can freely access articles online. Now we sincerely invite you to submit your research manuscript to **AJAC**.

Editor-in-Chief

Prof. Raman Venkataramanan

University of Pittsburgh, USA

Subject Coverage

The American Journal of Analytical Chemistry publishes original papers including but not limited to the following fields:

- Analytical Chemistry Applications in Engineering
- Atomic and Molecular Spectroscopy (UV, IR, Raman, NMR, MS, Microscopy, FS)
- Chemical Sensors, Biosensors and Related Technologies
- Chemometrics
- Chemosensitive Materials
- Chromatography and Electrophoresis
- Composite Materials
- Electroanalysis and Electroanalytical Techniques
- Environmental, Clinical, Biological and Agrochemical Applications
- Environmental, Health and Forensic Analysis
- High-Throughput Screening
- Ion Exchange Materials
- Novel Extraction and Microextraction Procedures
- Sample Preparation
- Separation Techniques for Hazardous Substances
- Thermal Analysis

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 AJAC.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

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

E-mail: ajac@scirp.org