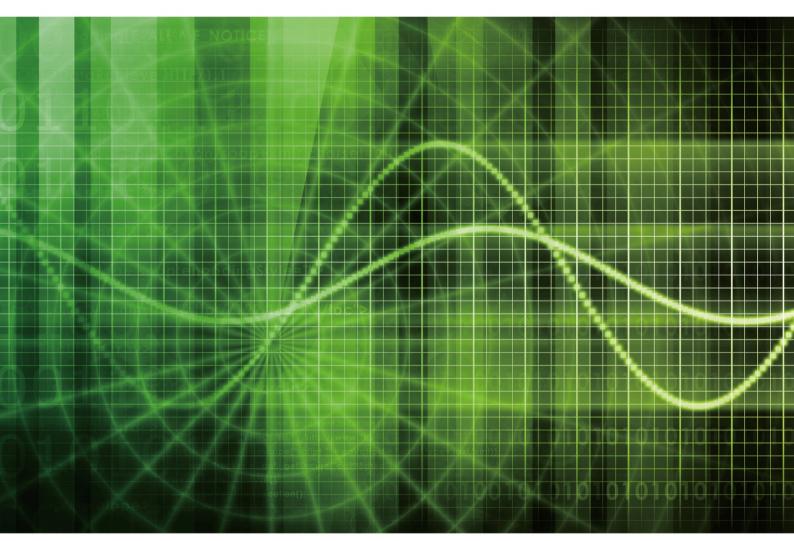
ISSN: 2164-2745 Volume 7, Number 2, June 2017



Journal of Analytical Sciences, Methods and Instrumentation





www.scirp.org/journal/jasmi

Journal Editorial Board

ISSN: 2164-2745 (Print), 2164-2753 (Online)

http://www.scirp.org/journal/jasmi

Editor-in-Chief

Prof. Bouzid Menaa

Fluorotronics Inc., USA

Editorial Board

Prof. Abdelghani Adnane Prof. Sameh Saad Ali Prof. Ramón Artiaga Dr. Joseph H. Banoub Dr. Isela Lavilla Beltrán Prof. Stefano Bonacci **Prof. Wayne Grant Carter** Prof. Tianlu Chen Dr. Norman H. L. Chiu **Prof. Sharif Iqbal** Dr. Li Jiang Prof. Jonathan E. Kenny Prof. Gilles K. Kouassi Prof. Jolanta Natalia Latosińska **Prof. Sang Hak Lee** Prof. Wei Lu Prof. Pavel Nikolaevich Nesterenko Prof. M. V. Reddy Dr. Serkan Selli **Prof. Min Su Prof. Changlun Tong** Prof. Chuanyi Wang Prof. Hua-Yun Xiao **Prof. Siu-Tung Yau** Prof. Bang-Ce Ye Dr. Yu Zeng **Prof. Zulin Zhang**

National Institute of Applied Science and Technology, Tunisia University of California, San Diego, USA University of A Coruña, Spain Memorial University of Newfoundland and Labrador, Canada University of Vigo, Spain Unit of Microbial Molecular Biology, Italy University of Nottingham, UK Shanghai Jiao Tong University, China The University of North Carolina at Greensboro, USA Clemson University, USA Schlumberger Technology Corporation, USA Tufts University, USA Western Illinois University, USA Adam Mickiewicz University, Poland Kyungpook National University, South Korea University of Michigan, USA University of Tasmania, Australia National University of Singapore, Singapore University of Cukurova, Turkey University of Michigan, USA Zhejiang University, China Chinese Academy of Sciences, China State Key Laboratory of Environmental Geochemistry, China Cleveland State University, USA East China University of Science and Technology, China Duke University & CDF Experiment, USA The James Hutton Institute, UK

.....



Table of Contents

Volume 7 Number 2

June 2017

Microfluidic Analytical System with On-Line Luminol Chemiluminescence Detection Based on Annular Flow of Phase Separation Multiphase Flow	
J. Manai, K. Nishiyama, K. Tsukagoshi	29
Denaturation of DNA in Ternary Mixed Solution of Water/Hydrophilic/Hydrophobic Organic Solvent	
Y. Ito, K. Tsukagoshi, A. Kobayashi	40
Diurnal Effects on Chinese Wild Ledum palustre L. Essential Oil Yields and Composition	
L. L. Zhang, H. X. Wang, Y. M. Wang, M. Xu, X. Y. Hu	47

Journal of Analytical Sciences, Methods and Instrumentation (JASMI) Journal Information

SUBSCRIPTIONS

The *Journal of Analytical Sciences, Methods and Instrumentation* (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$79 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

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: <u>sub@scirp.org</u>

COPYRIGHT

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

Copyright © 2017 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 © 2017 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: jasmi@scirp.org

Call for Papers



Analytical Sciences.

ISSN: 2184-2745 Volume 7, Number 2, June 2017
Journal of

Scientific Research Publishing

Journal of Analytical Sciences, Methods and Instrumentation

ISSN: 2164-2745 (Print), 2164-2753 (Online) http://www.scirp.org/journal/jasmi

Journal of Analytical Sciences, Methods and Instrumentation (JASMI) is an international, specialized English-language journal devoted to publication of original contributions concerning all aspects of theory and practice of analytical sciences, measurement science, analytical methodology, experimental methods, experimental protocols, technical characterizations and instrumentation (sampling, analysis, electrochemistry, microscopy, spectroscopy, mechanical analysis, thermal analysis, separations, spectroscopy, chemical reactions and selectivity, imaging, surface analysis, and data processing among others).

It is an open-access, peer-reviewed journal describing scientific and technological advances in analytical sciences, experimental protocols, methods, and characterization techniques.

The journal publishes the highest quality original full articles, communications, notes, reviews, special issues and books.

Papers are acceptable provided they report important findings, novel insights or useful techniques within the scope of the journal. All manuscript must be prepared in English, and are subjected to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by prints in hard copy. It will be available through http://www.scirp.org/journal/jasmi/

Website and E-Mail

http://www.scirp.org/journal/jasmi

Email: jasmi@scirp.org