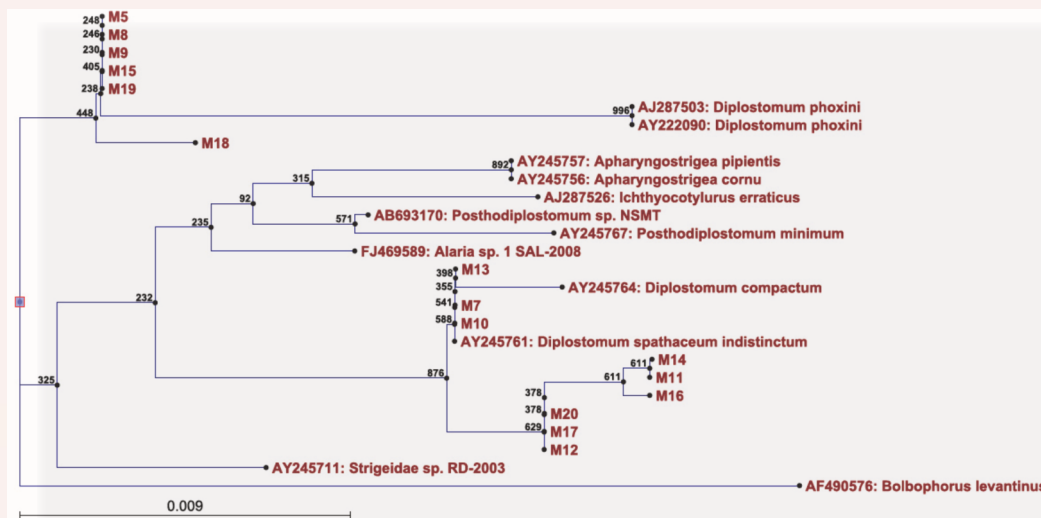


Open Journal of Applied Sciences



ISSN: 2165-3917



Journal Editorial Board

ISSN Print: 2165-3917 ISSN Online: 2165-3925

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

Editors-in-Chief

Prof. A. C. Matin

Stanford University School of Medicine, USA

Prof. Harry E. Ruda

University of Toronto, Canada

Editorial Board

Prof. Terry L. Alford

Arizona State University, USA

Dr. Y. Bilgin Altundas

Schlumberger-Doll Research, USA

Dr. Demetrios A. Arvanitis

Academy of Athens, Greece

Prof. Ezekiel Bahar

University of Nebraska, USA

Dr. David Berbrayer

University of Toronto, Canada

Prof. Der-Chen Chang

Georgetown University, USA

Prof. Yong Chen

Ecole Normale Supérieure, France

Dr. Paul Crilly

The University of Tennessee, Knoxville, USA

Prof. Andrzej T. Galecki

University of Michigan Medical School, USA

Dr. Chunlei Guo

University of Rochester, USA

Prof. Paloma R. Horche

Polytechnic University of Madrid, Spain

Dr. Sheng-He Huang

University of Southern California, USA

Prof. Hiroshi Kagemoto

The University of Tokyo, Japan

Dr. Laura A. Frey Law

University of Iowa, USA

Prof. Deqing Liang

The Chinese Academy of Sciences, China

Dr. Jingbo Liu

Texas A&M University-Kingsville, USA

Dr. Jukka P. Matinlinna

The University of Hong Kong, China

Prof. Richard Mu

Fisk University, USA

Dr. Edward L. Nelson

University of California, Irvine, USA

Prof. Singiresu S. Rao

University of Miami, USA

Dr. Noha Nabil Salama

St. Louis College of Pharmacy, USA

Prof. Bruno Samorì

University of Bologna, Italy

Dr. Michael K. Schweigert

McGill University, Canada

Dr. Danial Shahmirzadi

Columbia University, USA

Dr. M. P. Srinivasan

National University of Singapore, Singapore

Dr. Tian Tang

University of Alberta, Canada

Dr. Low-Hong Tong

National University of Singapore, Singapore

Prof. Dimos A. Triantis

Technological Educational Institution of Athens, Greece

Prof. Nicholas Tsounis

Department of International Trade, Technological Educational

Institute of Western Macedonia, Greece

Dr. Giovanni Valdrè

University of Bologna, Italy

Dr. Yiru Xu

University of Michigan Medical School, USA

Prof. Changying Zhao

Shanghai Jiao Tong University, China

Prof. Shufeng Zhou

University of South Florida, USA

TABLE OF CONTENTS

Volume 3 Number 8

December 2013

Genetic Relatedness of *Diplostomum* Species (Digenea: Diplostomidae) infesting Nile Tilapia (*Oreochromis niloticus* L.) in Western Kenya

V. M. Ndeda, D. O. Owiti, B. O. Aketch, D. M. Onyango.....441

Trace Elemental Analysis in Epileptic Children

S. Kumar, V. Kumar, R. Mittal, D. C. Jain.....449

The Relative Viscosity of Concentrated Rubber Suspensions and Viscoelastic Modulus of 3D Cross-Linked Elastomers Filled with Solid Particles

A. Ermilov, E. Nurullaev.....477

Nature of Conflicts, Tensions and Exploitation in Sharecropping in Rural Sindh

G. Hussain, A. Mohyuddin, S. Ahmed.....482

Numerical Analysis of the Analytical Relationships between Angstrom Coefficients of Aerosols and Their Optical Properties for Four Types of Aerosols

B. I. Tijjani, S. Uba, F. S. Koki.....490

Measurements of Natural Radioactivity in Some Granite Samples Using Alpha Spectrometric Analysis

H. M. Diab, M. H. E. Monged, M. Khattab.....514

The figure on the front cover is from the article published in Open Journal of Applied Sciences, 2013, Vol. 3, No. 8, pp. 441-448 by Violet M. Ndeda, *et al.*

Open Journal of Applied Sciences (OJAppS)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Applied Sciences* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly 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©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: ojapps@scirp.org

Call for Papers



Open Journal of Applied Sciences

ISSN 2165-3917 (print) ISSN 2165-3925 (online)

www.scirp.org/journal/ojapps

Open Journal of Applied Sciences (OJAppS) is an international peer-reviewed, open-access journal publishing in English original research studies, reviews in diverse areas of applied sciences. 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 applied sciences and to keep a record of the state-of-the-art research in related areas.

Subject Coverage

The journal publishes original papers including but not limited to the following fields:

Applied Behavioral Science
Applied Biology
Applied Chemistry
Applied Ecology
Applied Economics
Applied Engineering

Applied Genetics
Applied Geography
Applied Linguistics
Applied Mathematics
Applied Mechanics
Applied Philosophy

Applied Physics
Applied Physiology
Applied Psychology
Applied Sociology
Artificial Intelligence
Computing Technology

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

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 submission, please access the website.

Website and E-Mail

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

E-mail: ojapps@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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

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, world-wide, 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**

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

Subscription: sub@scirp.org

Advertisement: service@scirp.org