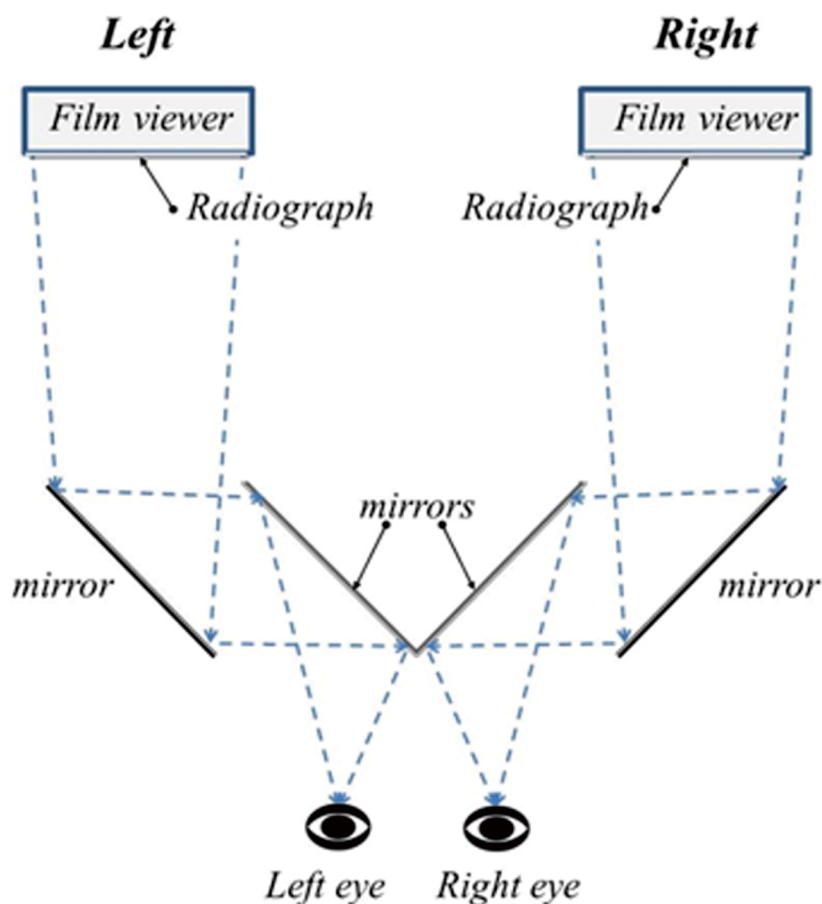


Open Journal of Applied Sciences



Journal Editorial Board

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

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

Editors-in-Chief

Prof. A. C. Matin
Prof. Harry E. Ruda

Stanford University School of Medicine, USA
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
Prof. Jianwei Ma	Harbin Institute of Technology, China
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. Zan-Min Song	Australian National University, Australia
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
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 4

August 2013

Forecasting Number of Students in University Department: Modeling Approach	
N. Patanarapeelert, K. Patanarapeelert.....	293
Turning Research into Action: Using Factor Analysis to Enhance Program Evaluation	
R. Wetta, L. T. Jacobson, F. Dong.....	298
Fast and Low Cost X-Ray Stereoradiography Displayed on a 3D Monitor	
A. Akaranate, N. Chankow, A. Pattarasumunt.....	308
A Laminar Flow Model for Mucous Gel Transport in a Cough Machine Simulating Trachea: Effect of Surfactant as a Sol Phase Layer	
D. K. Satpathi, A. Ramu.....	312
Nonlinear Oscillations Current Carry Orthotropic Shell in a Magnetic Field	
R. S. Indiaminov.....	318

The figure on the front cover is from the article published in Open Journal of Applied Sciences, 2013, Vol. 3, No. 4, pp. 308-311 by Akara Akaranate, Nares Chankow and Attaporn Pattarasumunt.

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



Website: <http://www.scirp.org>
Subscription: sub@scirp.org
Advertisement: service@scirp.org