

Intelligent Information Management



ISSN: 2160-5912



9 772160 591001 02

Journal Editorial Board

ISSN: 2160-5912 (Print), 2160-5920 (Online)

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

Editor-in-Chief

Prof. Damon Shing-Min Liu National Chung Cheng University, China

Associate Editors

Dr. Xiaocong Fan Pennsylvania State University, USA

Prof. Vandana Janeja University of Maryland Baltimore County, USA

Dr. Qian Zhu Department of Health Sciences Research, Mayo Clinic, USA

Editorial Board

Dr. George L. Caridakis National Technical University of Athens, Greece

Prof. Jyh-Horng Chou National Kaohsiung University of Applied Sciences, China

Dr. Dalila B. Fontes University of Porto, Portugal

Dr. Babak Forouraghi Saint Joseph's University, USA

Prof. Antonio Hidalgo Universidad Politecnica de Madrid, Spain

Prof. Rashid Jayousi Al-Quds University, Palestine

Dr. Chang-Hwan Lee Dongguk University, South Korea

Dr. Antonio G. Lopez-Herrera University of Granada, Spain

Prof. Dilip K. Pratihar Indian Institute of Technology, India

Dr. Faisal Talib Aligarh Muslim University, India

Prof. Sangbing Tsai University of Electronic Science and Technology of China, China

Dr. Gang Wang Hefei University of Technology, China

Prof. Harry Wechsler George Mason University, USA

Dr. Wai-Keung Wong Hong Kong Polytechnic University, China

Prof. Xiu-Tian Yan The University of Strathclyde, UK

Prof. Bingru Yang University of Science and Technology Beijing, China

Dr. Yu Zhang Mount Sinai School of Medicine, USA

Table of Contents

Volume 10 Number 2

March 2018

An Experiment of *K*-Means Initialization Strategies on Handwritten Digits Dataset

B. Y. Li.....43

Design-Stage Prediction of Project Correctness or Incorrectness

K. Esaki.....49

Classifying Hand Written Digits with Deep Learning

R. Z. Yang.....69

Intelligent Information Management (IIM)

Journal Information

SUBSCRIPTIONS

The *Intelligent Information Management* (Online at Scientific Research Publishing, www.SciRP.org) is published bimonthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 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 © 2018 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 © 2018 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

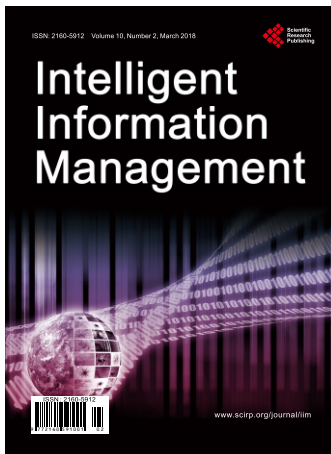
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any 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: iim@scirp.org

Call for Papers



Intelligent Information Management

ISSN 2160-5912 (Print) ISSN 2160-5920 (Online)

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

Editor-in-Chief

Prof. Damon Shing-Min Liu

National Chung Cheng University, China

IIM is a peer reviewed international journal dedicated to the latest advancement of intelligent information management. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas. The journal publishes the highest quality, original papers included but not limited to the fields:

- ★ Autonomous Agents
- ★ Biometric Information Management
- ★ Business Intelligence
- ★ Computational Intelligence
- ★ Database Management
- ★ Distributed Intelligent Information Management from Massive Data
- ★ Earth and Space Science Information Management
- ★ Education Information Management
- ★ Financial Information Management
- ★ Forest Information Management
- ★ Health Information Management
- ★ Information Security
- ★ Intelligent Data Mining
- ★ Intelligent Scheduling
- ★ Knowledge Discovery and Management
- ★ Management Information System
- ★ Multiagent Systems
- ★ Nonlinear System and Control Theory
- ★ Other Related Areas and Applications
- ★ Repositories
- ★ Smart Grids
- ★ Utilized Methods in Applied Math or Statistics

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 IIM.

Website and E-Mail

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

E-Mail: iim@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 with its publication.

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, worldwide, 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
Publishing**

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

Subscription: sub@scirp.org

Advertisement: service@scirp.org