

World Journal of Mechanics



Journal Editorial Board

ISSN 2160-049X (Print) ISSN 2160-0503 (Online)

<https://www.scirp.org/journal/wjm>

Editors-in-Chief

Prof. Dan Mateescu
Prof. Kumar K. Tamma

McGill University, Canada
University of Minnesota, USA

Editorial Board

Dr. Mohammed Abbadi	National School of Applied Sciences, Morocco
Prof. Ramesh K. Agarwal	Washington University in St. Louis, USA
Prof. Nurullah Arslan	Fatih University, Turkey
Dr. Tommaso Astarita	University of Naples, Italy
Prof. Jan Awrejcewicz	Lodz University of Technology, Poland
Prof. Joao Bernardo Lares Moreira de Campos	The University of Porto, Portugal
Prof. Ismail Celik	West Virginia University, USA
Prof. Shuping Chen	China University of Petroleum (Beijing), China
Prof. Jin-Rae Cho	Hongik University, South Korea
Dr. Rianti Dewi Sulamet-Ariobimo	Universitas Trisakti, Indonesia
Prof. Huashu Dou	Zhejiang Sci-Tech University, China
Prof. Igor Emri	California Institute of Technology, USA
Prof. Victor A. Eremeyev	Gdansk University of Technology, Poland, Germany
Prof. Xiaosheng Gao	The University of Akron, USA
Prof. Sachin Goyal	University of California, USA
Prof. Nguyen Dang Hung	University of Liege, Belgium
Dr. Mohsen Sheikholeslami Kandelousi	Babol University of Technology, Iran
Prof. Semih Kucukarslan	Istanbul Technical University, Turkey
Dr. K. Ganesh Kumar	SJM Institute of Technology (SJMIT), India
Prof. Tadeusz Lagoda	Opole University of Technology, Poland
Prof. Sanboh Lee	National Tsing Hua University, Chinese Taipei
Dr. Grzegorz Lesiuk	Wroclaw University of Science and Technology, Poland
Prof. Xiaodong Li	University of South Carolina, USA
Prof. Jianlin Liu	China University of Petroleum (Huadong), China
Prof. Giulio Lorenzini	University of Parma, Italy
Prof. Antonio Ferreira Miguel	University of Evora, Portugal
Dr. Rostand Moutou Pitti	Blaise Pascal University, France
Dr. Rafael Pacheco	Arizona State University, USA
Prof. Christopher G. Provatidis	National Technical University of Athens, Greece
Prof. Mohammad Mehdi Rashidi	Tongji University, China
Prof. Haiduke Sarafian	The Pennsylvania State University, USA
Prof. Fulin Shang	Xi'an Jiaotong University, China
Prof. Ephraim Suhir	Portland State University, USA
Prof. David S.-K. Ting	University of Windsor, Canada
Dr. Lihong Tong	East China Jiaotong University, China
Dr. Syed Mohd Yahya	Sustainable Energy & Acoustics Research Lab, India
Prof. Ruey-Jen Yang	National Cheng Kung University, Chinese Taipei
Prof. Duyi Ye	Zhejiang University, China

Table of Contents

Volume 12 Number 2

February 2022

Review: Prediction of Unexpected Fluid-Induced Vibration in Pipeline Network

R. Yamaguchi, M. Ohta.....17

World Journal of Mechanics (WJM)

Journal Information

SUBSCRIPTIONS

The *World Journal of Mechanics* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$69 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 © 2022 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 © 2022 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: wjm@scirp.org

Call for Papers



World Journal of Mechanics (WJM)

ISSN 2160-049X (Print) ISSN 2160-0503 (Online)

<https://www.scirp.org/journal/wjm>

World Journal of Mechanics (WJM) is an international peer-reviewed journal dedicated to presenting the English original research studies, reviews in the general field of mechanics including the mechanics of solids, structures and fluids and their interaction.

Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

- Applied Mathematics and Mechanics
- Biomechanics and Modeling in Mechanobiology
- Celestial Mechanics and Dynamical Astronomy
- Classical and Quantum Aspects of Mechanics
- Computational Mechanics
- Computer Methods in Applied Mechanics and Engineering
- Continuum Mechanics and Thermodynamics
- Damage Mechanics
- Dynamics and Vibration Control
- Elasticity and Plasticity
- Engineering Fracture Mechanics
- Environmental Fluid Mechanics
- Experimental Mechanics
- Fluid Mechanics and Aerodynamics
- Mathematical Fluid Mechanics
- Mathematics and Mechanics of Solids
- Mechanical Behavior of Biomedical Materials
- Mechanical Engineering Science
- Mechanical Systems and Signal Processing
- Mechanics & Astronomy
- Mechanics and Materials in Design
- Mechanics in Medicine and Biology
- Mechanics of Materials
- Mechanics of Time-Dependent Materials
- Microfluidics
- Micromechanics and Microengineering
- Multi-Scale Mechanics
- Nanomechanics
- Non-Linear Mechanics
- Non-Newtonian Fluid Mechanics
- Numerical and Analytical Methods in Geomechanics
- Probabilistic Engineering Mechanics
- Rock Mechanics and Mining Sciences
- Solid and Structural Mechanics
- Statistical Mechanics and Its Applications
- Terramechanics
- Theoretical and Applied Fracture Mechanics
- Thermophysics and Aeromechanics
- Thin Film Mechanics
- Viscoelasticity

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 World Journal of Mechanics.

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

<https://www.scirp.org/journal/wjm>

E-mail: wjm@scirp.org

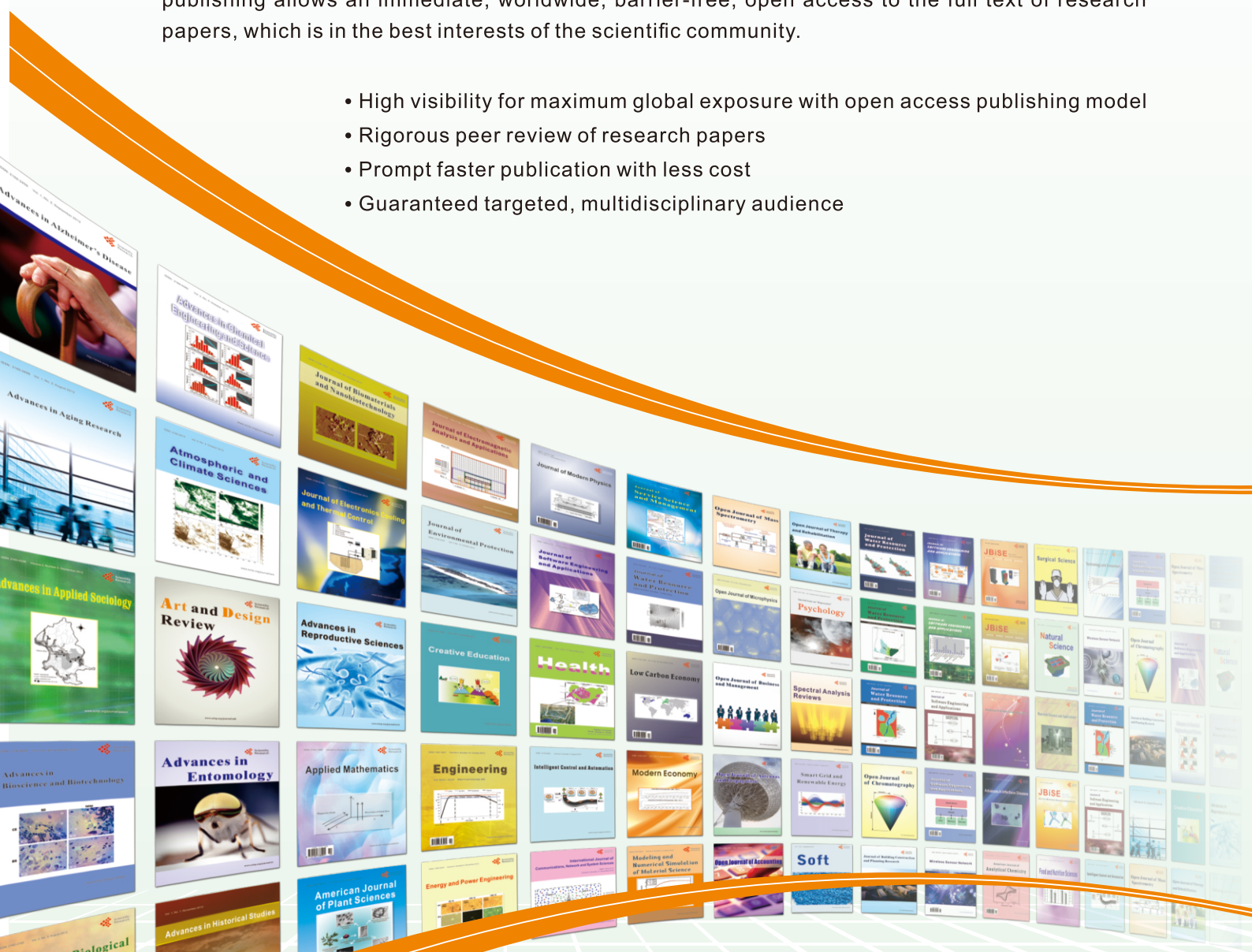
What is SCIRP?

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: <https://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org