## Advances in Materials Science and Engineering: An International Journal (MSEJ)

**ISSN: 2394 – 0824** 

http://airccse.com/msej/index.html



# **MSEJ** 155N : 2394 - 0824

Advances in Materials Science and Engineering 8 An International Journal

Volume 3, Number 4, December 2016



**AIRCC Publishing Corporation** 

http://airccse.com/msej/index.html

#### **SCOPE OF THE JOURNAL**

Advances in Materials Science and Engineering: An International Journal (MSEJ) is a quarterly open access peer-reviewed journal that publishes articles which contribute new results in all areas of the Materials Science and Engineering. The journal is devoted to the publication of high quality papers on theoretical and practical aspects of Materials Science and Engineering.

The goal of this journal is to bring together researchers and practitioners from academia and industry to focus on Materials Science and Engineering advancements, and establishing new collaborations in these areas. Original research papers, state-of-the-art reviews are invited for publication in all areas of Materials Science and Engineering.

http://airccse.com/msej/index.html

# **Members of the Editorial Board**

# **Editorial Board Members**

Donnie Maclurcan, Southern Oregon University, USA. Paolo Colombo, University of Padua, Italy. Jiabao Yi, University of New South Wales, Australia. Abhi Ray, University of Technology, Australia. Alexandra Navrotsky, University of California at Davis, USA. Jan Seidel, University of New South Wales, Australia. Kantesh Balani, Indian Institute of Technology Kanpur, India. Ravi Kumar N V, Indian Institute of Technology Chennai, India. Charles sorrell, University of New South Wales, Australia. Chil-chyuan Kuo, Ming Chi University of Technology, Taiwan. Shengjie Liu, Chang'an University, China. Gunes Ibrahim, Afyon Kocatepe University, Turkey. Krzystof Nadolny, Koszalin University of Technology, Poland. Zakiah Ahmad, Advancing Technological University, Malasiya. Murat Tolga Ozkan, Gazi University, Turkey. Linjy, National Yunlin University of Science and Technology, Taiwan. Ahmet Can Altunisk, Karadeniz Technical University, Turkey. Sampathkumar T S, Indian Institute of Technology Madras, India. Wen-Jyi Hwang, National Taiwan Normal University, Taiwan. Ahmad Baharuddin In Abdullah, Universiti Sains Malaysia Engineering Campus, Malasiya. Preeti Bajpai, Indian Institute of Kanpur, India. M.A.Torabizadeh, University of Applied Science and Technology, Iran. Sangeeta Santra, Indian Institute of Science, India. Jiun-Wei Horng, Chung Yuan Christian University, Taiwan. Brijiender Kahanwal, Galaxy Global Group of Institutions, India.

Zhimin Ao, University of Technology, Australia. Gaurav Gupta, Panipat Institute of Engineering & Technology, India. Manjunath Patel, National Institute of Technology, India. H N Panchal, Gujarat Power Engineering & Research Institute, India. Ritesh R.Bhat, Manipal Institute of Technology, India. Te-Hua Fang, National Kaohsiung University of Applied Sciences, Taiwan. Van Hoa Nguyen, Nha Trang University, Vietnam. A.A. Soliman, Ain Shams University, Egypt. Sean Li, University of New South Wales, Australia. Shuchen Hsieh, National Sun Yat-sen University, Taiwan. Nageh K. Allam, The American University in Cairo, Egypt. Ram Gupta, Pittsburg State University, U.S.A. Sun Ji-bing, Hebei University of technology, China. Harry Londos, University of Athens, Greece. Kamlesh Singh, Amity University, India. Jack K. Moon, Georgia Institute of Technology, USA. Ying Li, Shanghai University, China. Ruomeng Yu, Georgia Institute of Technology, USA. Ahmad Admin Rashidifar, Islamic Azad University, Iran. Rakesh Kumar Yadav, IFTM University, India. Srikanth Patala, North Carolina State University, USA. Tanmoy Maiti, Indian Institute of Kanpur. C.C. Sorrell, University of New South Wales, Australia. Dainet Berman Mendoza, University of Sonora, Mexico. Mohamed Bassyouni, King Abdulaziz University, Saudi Arabia.

Oscar Rubem Klegues Montedo, University of the Extreme South of Santa Catarina, Brazil.

J. Jou, National Tsing-Hua University, Taiwan.

In-Seok Yoon, Induk University, Korea.

Madya Dr Anika Zafiah Mohd Rus, University Tun Hussein Onn, Malaysia.

Ludmila Meisner, Institute of Strength Physics and Materials Science, Russia.

Yunan Prawoto, Surya University, Indonesia.

Ting-Hua YI, Dalian University of Technology, China.

Raju, Defence Research and Development Organisation, India.

Mohamed Khayet, Universidad Complutense de Madrid, Spain.

Antonina Argo, University of Palermo, Italy.

Suhash Ranjan Dey, Indian Institute of Technology Hyderabad, India.

Huang Weimin, Nanyang Technological University, Singapore.

Suresh Kumar Kailasa, Sardar Vallabhbhai National Institute of Technology, India.

Behzad Rezaei, Isfahan University of Technology, Iran.

George Kordas, National Center For Scientific Research - Demokritos, Greece.

Jonathan Massera, Åbo Akademi University, Finland.

Paulo Soares, Pontifícia Universidade Católica do Paraná, Brazil.

Jamel-Eddine belgaied, National Institute of Applied Science and Technology, Tunisia.

Shin-ichi Yusa, University of Hyogo, Japan.

Bruno Janegitz, University of São Paulo, Brazil.

Dibya Prakash Rai, Pachhunga University College, India.

## **Paper Submission & Manuscript preparation Guide**

## Paper Submission

Authors are invited to submit papers for this journal through E-mail msejjournal@airccse.com. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this Journal. For paper format download the template in this page

#### Manuscript Template

#### **Review Process**

Submissions are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another publication. Simultaneous submission to other publications will result in immediate rejection of the paper. Papers are not within the journal scope will be rejected immediately after the pre review process.

All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions:

- 1. Accept
- 2. Accept with minor changes
- 3. Weak accept with major changes
- 4. Reject

The review process may take approximately two ~three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal, it is not revised well.

Publication charges: Free (Maximum 20 pages) Publication Frequency - Quarterly March, June, September, December

#### **Copy Right Form**

**Email the journal secretary at msejjournal@airccse.com to receive the copy right form** TO SUBMIT YOUR PAPER, PLEASE CLICK THE FOLLOWING LINK <u>Submit</u>

**Contact Us** 

Here's where you can reach us: msejjournal@airccse.com

http://airccse.com/msej/index.html