

Journal of Textile Science and Technology



https://www.scirp.org/journal/jtst

Journal Editorial Board

ISSN: 2379-1543 (Print) ISSN: 2379-1551 (Online) https://www.scirp.org/journal/jtst

Editor-in-ChiefProf. Baozhong SunDonghua University, ChinaAssociate EditorProf. Bohong GuDonghua University, ChinaEditorial BoardForf. Li ChenProf. Li ChenTianjin Polytechnic University, ChinaProf. Ting ChenSoochow University, ChinaProf. Hassan El-DessoukyMansoura University, Egypt

11010 11000 an 111 12 0000 any	Mansoura Oniversity, Egypt	
Prof. Elsayed Ahmed Ahmed Elnashar	Kaferelsheikh University, Egypt	
Dr. Parikshit Goswami	University of Leeds, Leeds, UK	
Prof. Engr. Ayub Nabi Khan	BGMEA University of Fashion & Technology (BUFT), Bangladesh	
Dr. Yong Liu	Tianjin Polytechnic University, China	
Prof. Stepan Lomov	Katholieke Universiteit Leuven, Belgium	
Prof. Wang Lu	Donghua University, China	
Dr. Pibo Ma	Jiangnan University, China	
Prof. G. Nalankilli	Textile Chemistry Research and Innovation Centre, Ethiopia	
Dr. Zhong Qi	Zhejiang Sci-Tech University, China	
Dr. Akshaya Kumar Verma	National Institute of Technology Hamirpur, India	
Prof. Tianyong Zheng	Zhongyuan University of Technology, China	



Table of Contents

Volume 7 N	lumber 3	August 2021			
The Insertion of the Ceara Textile Sector in a Circular Economy: A View of Sustainability Relations					
M. J. R. Chagas, A.	de Azevedo Caldeira-Pires	101			
Observation of a Chemical Softener's Effects on Stem-Specific Lignocellulosic <i>Brassica napus</i> (Type: Canola) (Cultivar: HYHEAR 3) Fiber Quality					
A. Parvin, M. Rahr	nan, D. J. Cattani	112			
Comparative Study of Polypropylene Non-Woven Surgical Mask and Locally Manufactured Woven and Knitted Fabrics Facial Masks					
E. K. Buami, C. Ku	mah, D. Vigbedor, R. M. Tsotorvor, R. Pan	131			

Journal of Textile Science and Technology (JTST) Journal Information

SUBSCRIPTIONS

The *Journal of Textile Science and Technology* (Online at Scientific Research Publishing, <u>https://www.scirp.org/</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$39 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

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: <u>sub@scirp.org</u>

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2020 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 © 2020 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: jtst@scirp.org



Journal of Textile Science and Technology (JTST)

https://www.scirp.org/journal/jtst ISSN:2379-1543(Print) ISSN:2379-1551(Online)

Journal of Textile Science and Technology (JTST) is an international peer-reviewed, open-access journal dedicated to the latest advancements in textiles. 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 perspectives in textiles and related disciplines.

Editor-in-Chief			
Prof. Baozhong Sun	Donghua University, China		
Associate Editor			
Prof. Bohong Gu	Donghua University, China		
Editorial Board			

Prof. Li Chen	Dr. Parikshit Goswami	Prof. Wang Lu	Dr. Akshaya Kumar Verma
Prof. Ting Chen	Prof. Engr. Ayub Nabi Khan	Dr. Pibo Ma	Prof. Tianyong Zheng
Prof. Hassan El-Dessouky	Dr. Yong Liu	Prof. G. Nalankilli	
Prof. Elsayed Ahmed Ahmed Elnashar	Prof. Stepan Lomov	Dr. Zhong Qi	

Subject Coverage

All manuscripts must be prepared in English and are subject to a rigorous and fair peer-review process. The journal publishes original papers including but not limited to the following subfields:

We are also interested in:

1) Short reports—2-5 page papers where an author can present an idea with theoretical background, but has not yet completed the research needed for a complete paper or an author presents preliminary data;

2) Short communications—2-5 page papers;

3) Technical notes—2-5 page papers;

4) Letters to the Editor (the number of pages is not restricted);

5) Reviews or book reviews—comments and critiques (the number of pages is not restricted);

Website and E-Mail

https://www.scirp.org/journal/jtst

Email: jtst@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?

Art and Design Review

Advances in

dvances in Biological bemistry Entomolog

Applied Mathematics

Engineering

nii ili a

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



Soft

Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org