

**LIGNOCELLULOSE – AN ONLINE SCIENTIFIC JOURNAL
DEVOTED TO ALL ISSUES RELATED TO LIGNOCELLULOSIC
MATERIALS**

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Lignocellulose journal welcomes articles describing novel research in different areas related to lignocellulosic materials. This free online journal with its wide scope devoted to lignocellulosic research provides a unique space for publishing new investigations. The goal of increasing the numbers of related articles published all around the world, especially in the Middle East and Asian regions, has provided further justification for establishing this journal title. *Lignocellulose* has the honor of collaboration with the journal *BioResources*, and it is published by Shahid Beheshti University. Indeed, the cooperation among scientists and researchers will be the main factor in future successful development of this journal towards its valuable goals.

Keywords: *Lignocellulose; BioResources; Online journal; Lignocellulosics; Biomass*

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WHY DO WE NEED A NEW JOURNAL IN THE LIGNOCELLULOSIC FIELD?

The need for a new journal aimed toward a broad audience has long been recognized by our affiliate journal *BioResources* and the outstanding active contribution of researchers and scientists in this journal worldwide, especially those in Middle East and Asian regions. The idea was first discussed with the co-editors of *BioResources*, and it was received with a warm and kind welcome. We acknowledge a heavy debt of gratitude to these people for all their encouragement and support in mounting this effort.

The second motivation was the increasing use of plants biomass in many different applications ranging from traditional use of wood, non-wood and agricultural residues to some promising value-added products. Research on lignocellulosic materials is progressively moving towards an interdisciplinary study of sustainable materials production to meet the demand of growing human populations. In order to capitalize on the potential of lignocellulosic biomass to investigate novel products, it is necessary to break down the traditional barriers between scientists and engineers, not just in the laboratory but also in the publication of scientific papers. This responsibility has been well satisfied by different journals in the field, but by a simple search in the ISI Web of Knowledge website, you can find out that only 22 ISI journals are active in this field (categorized in material sciences: wood and paper), which compared with other fields shows a vast lack. We do, therefore, need a new journal that provides a platform for this emerging interdisciplinary field of engineering where scientists of different fields and engineers can publish their work in one periodical that spans the disciplines.

Lignocellulose will provide this platform. In a similar manner to its affiliate journal, in addition to research articles, *Lignocellulose* will publish editorial opinion pieces and scholarly review articles.

WHY SHOULD I CONSIDER THIS JOURNAL FOR PUBLISHING MY ARTICLE?

Wide Scope

The scope of *Lignocellulose* encompasses both science and engineering aspects of biomass from lignocellulosic sources for new end uses and new capabilities; examples include advances in wood science, new uses of crop residues, biofuels, biocomposites, papermaking, and chemical production that is based on plant material that contains substantial amounts of cellulose or lignin. This interdisciplinary scope helps the articles to be seen more by other scientists and researchers. So an article can be cited more and also more papers can be referenced by others.

Free online Journal

Lignocellulose is intended to be an electronic open access journal that provides rapid publication and discussion on research work for the benefit of each discipline and for strengthening cross-disciplinary discourses. Besides, **no fee** is charged for the manuscripts published, offering a unique opportunity for scientists and scholars in the relevant fields.

Powerful experience

This journal has the invaluable opportunity of benefiting from the successful experience of the journal *BioResources*, which has generously illuminated the path of success for *Lignocellulose*. In addition to providing continuous support, the editors of the journal *BioResources* have given permission for us to use a template and other descriptions based on those provided at their website <http://www.ncsu.edu/bioresources>.

HOW YOU CAN HELP

The first way that you can help is by contributing high quality research articles that fit within the scope of our journal. More information about the journal appears on the <http://lignocellulose.sbu.ac.ir/index.htm> website. Other ways that you can help are by volunteering to review articles, or by nominating a highly qualified person to serve on our Editorial Board. Even if your only role is as a reader of articles in *Lignocellulose*, we want to express our deep appreciation to you and affirm our commitment to the research community that we serve.