Special Issue

Ionic Liquids for Green Chemical Technology

Message from the Guest Editors

The unique physical and chemical properties of ionic liquids and the potential to tune these properties by selecting appropriate cations and anions, make ionic liquids remarkably versatile for many chemical applications. Indeed, these media have been used in replacement of volatile organic solvents in a wide variety of chemical processes, such as reaction media in biochemical and chemical catalysis and in separation and purification processes. Applications of ionic liquids for new materials and energy production has also blossomed, though only within the last decade. We, therefore, invite authors globally to contribute original research articles and review papers defining the most recent developments and ideas in the field of “Ionic Liquids for Green Chemical Technology”.

- Ionic liquid
- green chemistry
- green solvent
- composite material
- bioenergy

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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