

Special Issue

Ionic Liquids: Properties and Applications

Message from the Guest Editor

Ionic liquids have been studied intensively in the last few years due to their properties, which make them attractive for a range of applications in green chemistry and electrochemistry. What really makes them charming, from a fundamental point of view, is the possibility of tailoring their properties by means of a proper choice of the constituent ions, by modification of the alkyl chains, or by mixing them with other liquids. Despite our efforts, our knowledge of the mechanisms that govern their physical properties remains incomplete. Moreover, new liquids are continuously being proposed and synthesized. This Special Issue aims to collect original research articles and review articles that describe new advances in the synthesis of ionic liquids, in the description of their structural and dynamic properties, and in their modification. New results that identify new challenges in their possible application are also welcome.

Guest Editor

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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.

Editor-in-Chief

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