

Special Issue

Ionic Liquids and Deep Eutectic Solvents in Catalysis

Message from the Guest Editors

We welcome original research papers, review articles and short communications on the latest research progress of ionic liquids and deep eutectic solvents in the field of catalysis. Ionic liquids and deep eutectic solvents may replace the use of volatile organic solvents owing to their unique and tunable physicochemical properties, low vapor pressure and ability to dissolve a variety of inorganic and organic compounds. In addition, they may possess catalytically active functional groups. Moreover, they may be supported on porous or non-porous inorganic materials, nanoparticles, etc., combining their chemical features with the benefits associated with heterogeneous catalysis, e.g., the ease of catalyst recovery and reuse. We also welcome studies on the synthesis of new ionic liquids with potential catalytic properties assessed via characterization studies, such as measurements of acid–base properties, etc. Accepted papers will be promptly published online.

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