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Ionic Liquids as Task-Specific Materials

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Message from the Guest Editors

Dear Colleagues,

Ionic liquids (ILs) have been classified as excellent supported materials, solvents and co-solvents for their capacity to dissolve, extract, and purify different compounds in a wide range of applications. These compounds are considered tuneable materials due to their capacity to form different nanosegregated domains (polar, hydrogenated apolar and fluorinated apolar) which enhances their tuneability capacities and solvent quality. Then, the ideal material can be fine-tuned through the selection of each of the nanosegregated domains, and the contribution of each type of interaction (Coulombic, van der Waals and hydrogen bonding).

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Message from the Editor-in-Chief

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