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Advanced Separation Processes Based on New-Generation Solvents

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

This Special Issue on "Advanced Separation Processes Based on New-Generation Solvents" aims to collect high-quality research articles addressing new advanced separation processes, relevant insights to well-known IL-based separations, and comprehensive review studies in well-explored topics with special interest. Topics include but are not limited to the following:

- Extraction and extractive distillation processes using new generation solvents;

- Absorption or adsorption of greenhouse gases using new generation solvents or advanced materials combined with them;

- Biomass pretreatment and fractionation with new generation solvents;

- Lab-scale specific uses of new generation solvents for separation purposes;

- Product isolation and new generation solvents recovery/regeneration;

- New generation solvents and process stability in representative operating cycles;

- Feasibility and economic analyses of whole advanced separation processes with new generation solvents.

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Message from the Editor-in-Chief

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