



Advances in the Catalytic Behavior of Ion-Exchange Resins

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Message from the Guest Editors

Dear Colleague,

We are pleased to invite you to contribute to the Special Issue “Advances in the Catalytic Behavior of Ion-Exchange Resins”. Ion exchange resins are materials with unique properties. On the one hand, their moderate thermal resistance has potential for low-temperature applications, competing advantageously with inorganic catalysts. This could result in interesting energy and material savings in subsequent industrial applications. On the other hand, their flexible morphology that adapts to the reaction medium and their tunable acid (or basic) strength and capacity opens up the possibility of catalyzing numerous reactions.

Potential topics may include (but are not limited to) new catalytic applications of ion-exchange resins, with particular emphasis on environmentally friendly reactions, and those that could help reduce derived materials consumption; the influence of resin morphology and acid (or basic) properties on their catalytic activity; the nature of the catalytic sites of ion-exchange resins; metal catalysts supported on resins and their possible uses, etc.

