

Special Issue

Polymer Electrolyte and Catalyst Binder for Galvanic and Electrolytic Cells

Message from the Guest Editors

Ion-conducting polymeric materials have been applied as electrolytes and catalyst binders in electrochemical systems such as galvanic and electrolytic cells.

Recently, membrane-integrated energy systems, such as fuel cells, water electrolyzers, and lithium batteries, have been attracting much attention, since the energy crisis and the fossil fuel-related environmental issues have become serious. In those systems, the polymeric materials require fast ion transport, excellent chemical and mechanical stabilities, and low transport of undesired species. Concerning these issues, the aim of this Special Issue is to introduce the recent experimental and simulation studies on the polymeric materials used as electrolytes and catalyst binders in galvanic and electrolytic cells.

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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