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Electrocatalytic Activity of Nanocomposites Containing Carbon Materials

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Message from the Guest Editors

The widespread use of carbon materials in the creation of nanocomposite electrocatalysts is due to the exceptional properties of carbon materials, such as electrical conductivity, and the ability to change their porous structure, surface size, and the composition of surface groups to increase the activity and stability of the reaction under study. However, until now a number of issues related to the targeted synthesis of nanocomposite catalytic systems have remained unclear.

In this Special Issue of *Catalysts*, we would like to highlight current achievements in the field of creating effective electrocatalysts, primarily in oxygen reactions, and to focus on establishing patterns that ensure the creation of the necessary properties in the nanocomposite catalytic system under development. Particular attention is focused on the development of new, promising ways to create active, stable, and selective nanocomposite catalysts for electrochemical energy processes and electrochemical sensors. We would like to thank all authors for sending your best papers for consideration in this Special Issue.