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Polymer-Based Electrodes

Guest Editor:

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Deadline for manuscript submissions:
closed (15 February 2021)

Message from the Guest Editor

Polymer-based electrodes have been noted for promising electrode materials due to their good electrochemical performance and relatively low cost and have been investigated in many electrochemical devices, including batteries, supercapacitors and solar cells. Conducting polymers, such as polyaniline (PANI), polypyrrole (PPy) or poly-(3,4-ethylenedioxythiophene) (PEDOT), and composites of these polymers with carbon or inorganic compounds are typically utilized as polymer-based electrode materials. In addition, polymer-based carbon/carbonized polymers are good candidates for electrode materials, and polyacrylonitrile (PAN) is one of the most common precursors. This Special Issue intends to publish original research papers focusing on the preparation, characterization and application of novel polymer-based electrodes.

Prof. Kyung Hye Jung
Guest Editor

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Message from the Editor-in-Chief

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