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Electrode Materials Synthesis and Uses in Chemical Engineering

Guest Editor:

Dr. Islam Mahmoud Al-Akraa
Chemical Engineering Department, Faculty of Engineering, The British University in Egypt (BUE), El Sherouk City, Suez Desert Road, Cairo 11837, Egypt

Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editor

The field of chemical science and engineering is currently full of new materials and novel preparation processes with a wide range of applications. The nanotechnology revolution has facilitated the fast technological transfer of newly developed materials with attractive physical and chemical properties into real applications in electronics, water treatment, electrocatalysis, energy storage and conversion. In particular, catalysis by such attractive materials has found diverse applications in chemical science and engineering because of their fascinating properties that allow their use as catalytic mediators.

This Special Issue on "Electrode Materials Synthesis and Uses in Chemical Engineering" seeks high-quality works focusing on the latest novel preparation processes and characterization techniques of electrode materials and their applications in chemical science and engineering. Topics include, but are not limited to:

- Electrode materials preparation processes;
- Electrode materials characterization techniques;
- Electrode assembly;
- Electrode materials' applications in chemical science and engineering;
- Catalysis;
- Electrocatalysis.

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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