Special Issue

Advanced Electrode Materials Dedicated for Electroanalysis

Message from the Guest Editors

The electrochemical tools provide simple, inexpensive, and highly sensitive procedures and can be integrated into miniaturized measuring platforms. Numerous types of electrode materials thus far have been developed and successfully applied in electroanalysis. They find an application in many areas including environmental, healthcare, and pharmaceutical analyses, as electrochemical detectors, micro-/nano-electrochemical devices, and chemical and biochemical sensors. Constantly, there is a very high requirement for innovative, advanced electrode materials offering a high selectivity and sensitivity, operation simplicity, and low production cost. The Special Issue seeks high-quality feature papers that provide insight into and highlight the latest progress and innovative developments in advanced electrode materials dedicated for electroanalysis. The topics covered in this Special Issue include the fabrication and processing of the electrode materials based on carbon allotropes; conductive polymers; metal or metal oxide nanoparticles, as well as their characterization; and potential electroanalytical applications. However, other related topics are also welcome.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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