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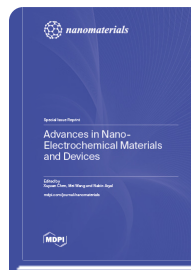
Special Issue Reprint

Advances in Nano-Electrochemical Materials and Devices

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Edited by
Xuyuan Chen
Mei Wang
Nabin Aryal

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Electrochemical devices have drawn remarkable attention and elicited spectacular growth in recent decades for a broad range of applications, including energy storage, sensing, electrochemical processing, etc. Recent advances in nanomaterials and nanotechnology have boosted great promise for electrochemistry to offer reliable and high-performance devices. This Special Issue, entitled “Advances in Nano-Electrochemical Materials and Devices”, aimed to focus on recent advances in the design, manufacture, and application of nanoelectrochemical materials and devices. This Special Issue included twelve papers, where nine original research papers highlighted novel research progress on advanced nanomaterials and nano-systems for oxygen reduction reactions, batteries, supercapacitors, and sensors. In addition, recent achievements in photocatalysis and electrocatalysis, biosensors, and Li-CO₂ batteries were comprehensively summarized in three review papers.



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