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Preparation and Functionalization of Nano-Cellulose Aerogel

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Message from the Guest Editor

One of the most significant research topics for the development of sustainable chemistry is realizing the highvalue use of biomass resources. Because of its high porosity, low density, and biodegradability, nano-cellulose aerogel holds a lot of promise in the areas of thermal insulation, catalyst carrier, and environmental remediation, etc. As a result, comprehending how to prepare cellulose aerogels efficiently and inexpensively, regulating the microstructure of cellulose aerogels, and achieve the functionalization of cellulose aerogels are critical for boosting the use of biomass resources.









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Message from the Editor-in-Chief

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