



Research Progress in Carbon Materials Derived from Biomass

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Message from the Guest Editors

The intrinsic structure of biomass-derived carbon highly depends on the morphology and components of original substances, which also greatly affects its physicochemical, electronic, and magnetic properties. As a result, various biomass-derived carbon materials probably exhibit very different applied performance in some yields. This Special Issue aims to provide a platform to display the latest research results regarding the preparation and application of biomass-derived carbon materials. This Special Issue will focus on multidimensional topics about the BDC, such as the structural conversion process, structural characterizations, application exploration, and scale-up production.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Structural monitoring from biomass to carbon
- Product analysis during the conversion process
- Thermodynamic and energy management
- Application of BDC for energy storage and conversion
- Application of BDC for environmental modification
- Design and application of BDC-hybridized carbon materials
- Design and application of functional BDC-based composites

Deadline for manuscript
submissions:

closed (31 December 2023)





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Message from the Editor-in-Chief

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