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Advanced Biomass-Based Multifunctional Materials

Guest Editors:

Prof. Dr. Feng Xu

Beijing Key Laboratory of
Lignocellulosic Chemistry, Beijing
Forestry University, Beijing
100083, China

Dr. Sheng Chen

Beijing Key Laboratory of
Lignocellulosic Chemistry, Beijing
Forestry University, Beijing
100083, China

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Message from the Guest Editors

With the rapid development of global economy, we are facing the challenges of resources shortage and environmental pollution. Biomass, such as wood, energy crops, and waste from forests, yards, or farms, are promising alternatives to the fossil resource for the preparation of advanced functional materials towards the sustainability and environment-friendship. Therefore, the biomass-based multifunctional materials have attracted increasing attentions from researchers in the past years. There is an urgent need for the development of novel advanced materials based on original biomass and/or extracted main components for potential applications in energy harvesting/storage, smart sensing, water treatment, light management, thermal regulation, green packaging, flexible electronics, CO₂ capture, and so forth.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

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

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