Special Issue

Advanced Materials from Lignin, Cellulose and Nanocelluloses

Message from the Guest Editor

Lignin, cellulose, and nanocelluloses have excellent intrinsic chemical, structural, and physical characteristics that can be modified and integrated into different polymeric mediums to obtain unique properties for various applications. This Special Issue covers all novel discoveries and developments of lignin, cellulose, and nanocelluloses for advanced materials applications. The details of materials designs, chemistries, working mechanisms, and processing techniques, as well as their specific applications, are included. Additionally, the rapid growth of additive manufacturing has opened a new avenue to process these smart bio-based materials and to create three-dimensional (3D) structures with the desired functionalities for potential applications in soft robotics and skin-inspired electronics. The use of this advanced manufacturing technique to valorize lignin, cellulose, and nanocelluloses is also covered. I would like to invite you to submit original research papers, communications, and reviews for the Special Issue " Advanced Materials from Lignin, Cellulose, and Nanocelluloses".

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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