

Editorial Open Acces

Biomass refers to renewable organic materials, including agricultural products and agricultural wastes, wood and its wastes, animal wastes, urban wastes, aquatic plants, and so on [1]. Lignocellulosic materials are the most abundant renewable organic biomass on Earth, being constantly generated through photosynthesis and existing in large

whiskers formed only by the crystalline regions are obtained. e successful nanofibrils extraction from orange peel was performed by its hydrolysis "in natura" using both cost-efficient enzymes from *Xanthomonas axonopodis* pv. citri (*Xac*) and commercial enzymes [10,22]. e nanocellulose isolated from the enzymatically treated solid residues have an average aspect ratio of 47 ± 18 nm, which is considered