Special Issue

Advanced Leather and By-Product Processing for Sustainable Industry

Message from the Guest Editors

There are many aspects of leather science and technology that need to be researched with regard to the interaction of chemical materials with collagen structure: the identification of more ecological alternatives to chemical auxiliaries and processes, the identification of potentially harmful substances, the assessment of leather's biodegradability at its end of life, smart new functionalities of leathers, advanced materials made from leather industry by-products, etc. We are pleased to invite you to submit papers and reviews in the area of leather material and by-product processing: Ecological materials and processes for leather manufacturing;
Investigations into leather structures and materials;
Protein (collagen; keratin) processing using leather-industry by-products;
Smart new functionalities of leather;
Leather and chemical biodegradability;
Analyses of the environmental impacts of leather and chemical products;
Bioactive collagen- and/or keratin-based new materials;
Leather-industry by-product recirculation;
Other topics related to leather and leather by-product processing.

Guest Editors

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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