

Special Issue

Food Packaging: Materials and Technologies

Message from the Guest Editors

Food packaging is the largest area of application within the food sector. Technological developments are also of great interest. In the food sector, nanotechnology is involved in packaging materials with extremely high gas barriers, antimicrobial properties, and also in nanoencapsulants for the delivery of nutrients, flavors, or aromas, antimicrobial, and antioxidant compounds. Applications of materials, including nanomaterials in packaging and food safety, are in forms of: edible films, polymer nanocomposites, as high barrier packaging materials, nanocoatings, surface biocides, silver nanoparticles as potent antimicrobial agents, nutrition and nutraceuticals, active/bioactive packaging, intelligent packaging, nanosensors and nanomaterial-based assays for the detection of food relevant analytes (gases, small organic molecules and food-borne pathogens) and bioplastics. It is our pleasure to invite you to contribute a full paper/letter/communication/review to this Special Issue. The authors are encouraged to submit manuscripts reporting unexpected results providing they can present scientifically-spotless explanations.

Guest Editors

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About the Journal

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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