Special Issue

Materials for Prosthodontics, Restorative Dentistry and Digital Dentistry

Message from the Guest Editors

This issue is open to studies that investigate the influence of the material characteristics, behavior and/or the manufacturing process of medical and dental devices through partial or total digital workflows. This Special Issue includes research into materials (in their characteristics, design, manufacturing, and clinical performance phases) for tissue substitutes, dental appliances, or prosthetic supplies. The study of materials science in restorative dentistry, dental and maxillofacial prosthetics, and digital dentistry is contemplated, e.g., fixed and removable devices, complete dentures, partial dentures, splints, dental implants, surgical guides, epitheses, auxiliary devices for preclinical and clinical application, as well as orthopedic and/or orthodontic appliances. Among others, both additive and subtractive manufacturing processes are within the scope of this Special Issue, covering metal alloys, dental ceramics, polymers, composites, and hybrid materials. Original in vivo and in vitro articles that provide relevant innovations in materials science will be given priority; however, systematic reviews will be accepted.

Guest Editors

Prof. Dr. Alicia Celemin

Dr. Pedro Molinero-Mourelle

Dr. Maria Antonia Rivero González

Deadline for manuscript submissions

closed (10 August 2023)

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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.

Editor-in-Chief

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