Special Issue

Novel Biomedical Imaging Modalities and Agents

Message from the Guest Editor

Various biomedical imaging technologies have been developed over recent decades, contributing significantly to the early diagnosis of diseases and monitoring treatment. Specifically, biomedical imaging techniques enable the provision of structure and functional information such as blood flow, oxygen saturation, and metabolism based on the physical interaction between the energy and biological properties of tissues in the body. Furthermore, the collaboration of specific biomaterials as agents provides an opportunity to achieve advanced molecular imaging. This Special Issue will cover a wide range of topics on biomedical imaging modalities and their agents, including conventional and advanced biomedical imaging modalities and their applications. In addition, biomaterials for contrast, therapeutics, and multifunction agents and applications are also welcome. The Special Issue will publish full research papers, communications, and reviews.

Guest Editor

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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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