Special Issue

Design of Multifunctional Nanomaterials for Cancer Diagnosis and Therapy

Message from the Guest Editors

Cancer is one of the main causes of death for humankind. The main methods of clinical cancer treatment are still chemotherapy, surgical resection and radiotherapy, but these therapies cause great pain and economic burden to patients in the process of treatment. Additionally, accurate early diagnosis and an efficient therapeutic strategy are the two most essential aspects in guaranteeing a favorable prognosis for patients. As such, cancer treatments could benefit from the development of nanotechnology. Numerous nanomaterials with a multifunctional nature, tunable physical and chemical properties and outstanding biocompatibility have been synthesized and applied in bioimaging, drug delivery and various cancer therapies. We invite you to submit appropriate full papers, communications and reviews regarding the reasonable design, controllable synthesis and surface functionalization of nanomaterials for integration into cancer therapy and diagnosis to this Special Issue.

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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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