

Special Issue

Design and Applications of Functional Materials

Message from the Guest Editors

The aim of this Special Issue is to collect a coherent set of papers presenting recent advances in the field of design and application of new functional materials that deepen the understanding of the topic, empirically and theoretically providing the opportunity for revealing new and developing existing trends in the field. The issue is supported by Eurasian Center of Excellence, which was open in 2020 in Ufa (Russia) by Ministry of Science and Higher Education of the Russian Federation. The mission of the Eurasian CoE is to consolidate the efforts of the best academic and technological researchers and entrepreneurs in the larger Eurasian space. One of the main focuses for the Eurasian CoE is design and applications of functional materials which are demanded in all four topical areas of the CoE: Advanced manufacturing technologies and engineering, Biomedicine and genetics, Digital and green chemistry, New environment for life. We believe that publication of this Special Issue summarizing the recent achievements in the field of functional materials within the cooperation network of the Eurasian CoE will promote the transfer of technologies into the global industry.

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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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