

Special Issue

Collection of Reviews in Material Processing Engineering

Message from the Guest Editors

This Special Issue, “*Collection of Reviews in Material Processing Engineering*”, publishes authoritative and critical reviews of recent advances in the **science of materials** and their exploitation in **engineering and other applications**. Emphasis is placed on the fundamental aspects of the subject, particularly those concerning **processing and microstructure** and their relationship to **properties (mechanical and functional)**. Additionally, desirable subject matters are the **thermodynamics, kinetics, mechanisms and modeling of processes** which occur within solids, liquids and other condensed phases; experiments and models which help in understanding the **macroscopic properties of materials** in terms of **microscopic mechanisms**; and work which advances the understanding of the use of materials in **engineering, healthcare and other applications**. Of interest are **metallic, ceramic, polymeric, biological, medical and composite** materials in all forms. Manuscripts should generally be of greater length than those found in journals specializing in research papers.

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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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