

Special Issue

Future Trends in Chemical Engineering Science: Coatings; Additive Manufacturing, Composites and Inorganic Materials

Message from the Guest Editor

The main interest of many research centers is the preparation of new, modern, and technologically advanced materials that are cheap, easily available, operate effectively, and minimize process times. This Special Edition is devoted to the characterization of new types of materials and their composites' syntheses and modifications, mainly intended to solve environmental and medical problems. Additive manufacturing is today one of the hottest words in the world of technology for the manufacturing industry. It is a technology that uses 3D printing to build new products "layer by layer". At the moment, details produced on 3D printers are widely used in medicine and other industries. Modern coatings are products that use innovative technologies: protect against mechanical damage, hydrophobic and self-cleaning properties. They provide very good protection against UV rays, weather conditions, and various types of chemicals. The publication should contain descriptions of the properties and synthesis of modern, innovative materials. Articles containing reviews and research results are welcome.

Guest Editor

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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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