Special Issue

Plasma Processing of Materials: Applications and Opportunities

Message from the Guest Editor

Plasma technology is a versatile tool that has been applied in many material surface modification and deposition processes. Non-thermal low-pressure plasma has been extensively used in industry. This Special Issue encompasses all plasma processes related to materials; for example, plasma polymerization, plasma surface treatment and modification of materials, plasma treatment prior to coatings, plasma processing for composites, plasma etching of materials, plasma grafting, plasma syntheses of organic–inorganic hybrid materials, and interfacial engineering of materials. Papers concerning material characterizations of plasma-processed materials and new applications of plasma technology to material processing are all invited.

Guest Editor

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Deadline for manuscript submissions

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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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