Special Issue

Nonconventional Technology in Materials Processing

Message from the Guest Editor

The progress of materials engineering has resulted in the introduction of new materials suitable for selected industries. The development of proper machining methods for modern materials, for example, is critically important for their implementation in the aerospace, automobile or machinery industries. In recent years, the involvement of multidisciplinary teams in the application of nonconventional technology, including electrical discharge machining, electrochemical machining, additive manufacturing, abrasive finishing, hybrid manufacturing, or laser processing, in the precision manufacturing of difficult-to-cut material has considerably increased. The main aim of this Special Issue is to present recent advances in the field of nonconventional technology of materials processing. This Special Issue includes high-quality original research papers, review papers, and case studies dealing with the investigation, modeling, optimization, and simulation of nonconventional technology of materials processing. It is my pleasure to invite you to submit original research papers, short communications, and state-of-the-art reviews for this Special Issue.

Guest Editor

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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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