

Special Issue

Simulation of Diamond Surface Chemistry: Reactivity and Properties

Message from the Guest Editor

Within this Special Issue of *Materials*, the effect of surface plane, termination, and doping on diamond surface reactivity and properties will be especially highlighted by showing a number of examples from the fields of (a) diamond growth, (b) electrochemistry on diamond-based electrodes, (c) temperature-induced diamond-to-graphene formation, and (d) the functionalization of diamond surfaces in the field of bioimplants (especially bone regeneration).

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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