

Special Issue

Novel Metal Carbide/Carbonitride Materials

Message from the Guest Editors

Metal carbide and carbonitrides are exceptional materials that show outstanding properties, such as high hardness, ultra-high temperature stability, creep resistance, high electrical and thermal conductivity, paramagnetic properties and photoluminescence. In addition to structural applications, metal carbides and carbonitride are very interesting materials for energy conversion and storage, electromagnetic shielding, and catalysts. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews that cover all aspects (i.e., synthesis–structure–property relationships, applications and future directions) of metal carbide, metal carbonitride, metal carbodiimide and their composite materials are all welcome.

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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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