Special Issue

Metal Combustion

Message from the Guest Editor

Metal combustion is often considered a mature field since many of the seminal works that are still often cited were in the 1950s and 1960s. Despite decades of research, robust predictive models for the oxidation of even our most well understood metals like aluminum, remain elusive. So much has been learned, yet there is still so much to know. Additionally elusive are the engineering realizations of the promises of metal combustion like high specific energies for, propellants and explosive systems. New techniques and approaches, over the past two decades have generated a renaissance in metal combustion research. [...] It is my pleasure to assist with this Special Issue focusing on new developments in metal combustion which I hope will showcase some of the exciting research being undertaken in this active field.

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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