Special Issue

Control of Micro-/Nanostructures of Solid Oxide Fuel Cells

Message from the Guest Editor

Solid oxide fuel cells (SOFC) are one of the most efficient fuel cell devices and expected as a promising energy converter in households. Control of micro-/nanostructures in the electrodes is a key technology to increase the efficiency to the ideal one. There are many unknown micro-/nanoscale mechanisms in the fabrication operation process. This Special Issue covers micro-/nanostructures in solid oxide fuel cells (SOFC). A wide range of research fields, such as the controlling method of micro-/nanostructures, but also analyses, modeling, and durability evaluation at micro-/nanoscale, are welcome. It is my pleasure to invite you to submit a manuscript to this Special Issue, including full papers, communications, and reviews. Prof. Dr. Keisuke Nagato

Guest Editor

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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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