Special Issue

Advances in the Field of Nanostructured Ceramic Composites

Message from the Guest Editors

Nanostructured composite ceramics present an important scientific and technological knowledge content. Therefore, a successful approach to nanostructuration, that means a strict control of phase composition and distribution at the nano-microscale and consequently of the performances at the macroscale, requires a rigorous tailoring of each step of the ceramic manufacturing chain and innovative routes for the production of composites powders as well as for their shaping and densification. The intent of this Special Issue is to review the state-of-the-art of nano-composite ceramics, but also to focus on new developments in concepts and technologies. Topics include, but are not limited to the following:

- Novel processing of composite powders and components
- Nano/microstructure-property relationships
- Oxide and non-oxide composite materials
- Dense and porous components as well as coatings
- Innovative design of composite nano-microstructures
- Sintering strategies to preserve nanostructuration
- Improvements in properties of nanostructured composite materials
- Advanced characterization tools for

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2018)

Ceramics

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Impact Factor 2.0
CiteScore 3.7

mdpi.com/si/12695

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Message from the Editor-in-Chief

Ceramics (ISSN 2571-6131), an international, open access journal, provides an advanced forum for ceramics science and engineering. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We are committed to drive *Ceramics* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts. Your contribution should lead to the development of technical ceramics with better performances and to improve our quality of life.

Editor-in-Chief

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