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Applications of Silica and Silica-Based Composites

Guest Editors:

Dr. Ana-Maria Lacrămă
"Coriolan Dragulescu" Institute of Chemistry, Romanian Academy, 24 Mihai Viteazu Bvd., 300223 Timisoara, Romania

Dr. Alfonso Policicchio
Department of Physic, Universit della Calabria, Via Pietro Bucci, 87036 Arcavacata di Rende, Italy

Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

This Special Issue is intended to present studies on the preparation and characterization of controlled functionalized porous materials with tailored properties that can be used in different applications. The functionalization of porous silica materials has been used to tune their physical and chemical properties for different applications, such as drug carriers, gas storage materials, water pollutants adsorbents, or asphalt modifiers. The topics of interest include, but are not limited to: the preparation of functionalized porous materials via co-condensation or post-grafting methods; the structural and morphological characterization of these materials with tailored properties; functionalized silica materials for hydrogen, methane, or carbon dioxide storage; functionalized porous silica materials as drug carriers; functionalized mesoporous silica materials used for the removal of dyes, heavy metals, or other pollutants from wastewater; and functionalized silica materials used as an asphalt modifier.

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Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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