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Zeolitic Materials Superficially Modified With Cationic Substances

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Zeolites have recently received a great deal of attention from the scientific community thanks to their easy accessibility and their peculiar properties, with a particular focus on their well-known ion exchange capacity.

This Special Issue of *Applied Sciences*, titled "Zeolitic Materials Superficially Modified with Cationic Substances", is intended for a wide and interdisciplinary audience, and the major aim includes, but is not limited to, highlighting the current state of the art in the following areas:

- Surface modification of natural zeolites and their characterization (monolayer or bilayer formation, external cation exchange capacity and anion exchange capacity, sorption properties);
- The study of the anion exchange properties of surface-modified zeolites through batch and dynamic processes;
- Modeling of sorption properties of surface-modified zeolites;
- Applications of surface-modified zeolites as anion exchangers for wastewater treatment (pollutants ions and emerging contaminants);
- Applications of surface-modified zeolites as carriers for drug delivery.

For further reading, please visit the ***Special Issue website.***

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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