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Self-Cleaning Surfaces

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Message from the Guest Editors

Dear Colleagues,

Although self-cleaning technology is already used in a variety of products today (glass and ceramic tiles, anti-fogging mirrors, pollutant-abating paints, et al), there is still a need for improved performance characteristics of coatings, their durability, cost efficiency and relevant testing methods. This is a driving force in the development of new materials, for finding innovative synthesis and technological solutions, as well as understanding the functional-to-properties relationships, which all may reflect in your scientific contributions to this Special Issue. Regarding photoactive coatings, the development of visible-light-active surfaces is crucial for indoor applications, while for outdoor applications an increase of the efficiency of active materials under solar light and prolongation of their durability are still the hot topics in present research. The self-cleaning function is mainly based on either superhydrophobic or photocatalytic-superhydrophilic surfaces, however, other proposals and related studies are also welcome. It is our pleasure to invite you to contribute your research article, communication or review for this Special Issue.





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Message from the Editor-in-Chief

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