

Special Issue

Multifunctional Materials for Photocatalytic and Photoactivated Processes

Message from the Guest Editors

Metal oxides are a very important family of nanomaterials, having unique properties that are attractive for a number of applications. Titanium dioxide nanoparticles, because of their flexibility and versatility, are a well-investigated class of metal oxides for photocatalytic and photoactivated processes. This Special Issue of *Catalysts*, "Multifunctional Materials for Photocatalytic and Photoactivated Processes", is devoted to research works dealing with light-activated semiconductor oxides showing (at the same time) more functionalities. A particular preference will be given to materials activated by light, as they are expected to play a significant role in photocatalysis, photo-electronics, photoswitches, photo-optical sensors, smart windows, displays, optical storage memories, self-cleaning materials, building materials, and the preservation of cultural heritage.

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