



Advances in Transition Metal Compounds and Their Applications

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Message from the Guest Editor

Dear Colleagues,

Recent studies demonstrate that transition metal compounds exhibit promising visible-light photocatalytic reactivity in the decomposition of pollutants and water splitting. On the other hand, these materials have high specific capacity and good electrochemical and safety characteristics, which makes them promising for energy storage applications. Moreover, nanostructured transition metal compounds with high surface-to-volume ratios are of particular scientific interest in this field.

The topics of this Special Issue include but are not limited to the advanced application of transition metal compounds, (photo)catalysis, photocatalytic water splitting, photovoltaics, photoelectrochemistry, electrochemical energy storage, electrode materials, and supercapacitors.

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- photoelectrochemistry
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Message from the Editor-in-Chief

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