Special Issue

Novel Photo(electro)catalytic Degradation

Message from the Guest Editor

Organic, inorganic, and pathogen-related water pollution are cause for serious concern, as the consequences are negatively impact both water quality and human health. Fortunately, heterogeneous photocatalysis and photoelectrocatalysis have been successfully utilized in various fields, such as environmental protection and wastewater treatment. However, it is necessary to design new photoactive materials for water cleanup as an additional solution to the ongoing water pollution issue. Developing new active and effective yet environmentally benign heterojunction materials would be one potential solution to such challenges. On the other hand, water cleanup processes must be intensified to respond to the ongoing demand for water, which has numerous uses. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Nanocomposite heterogeneous and homogeneous water remediation.
Mechanisms of photo(electro)catalytic degradation/reduction.
New materials for photo(electro)catalytic applications.
Environmental photo(electro)catalytic applications.
Wastewater treatment.

Guest Editor

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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