Special Issue

Recent Advances in Synthetic Dye and Coloration

Message from the Guest Editors

The first discovery of synthetic dye, called Mauveine, was achieved by W. H. Perkin in 1856. In recent decades, research has been focused on advanced dyes based on highly conjugated aromatic molecules featuring new functions, such as fluorescence emission, energy generation materials, and bio-labeling materials; these have been applied on various industrial segments. A Special Issue entitled “Advances in Synthetic Dyes and Coloration” aims to publish recent research results in functional dyes and their coloration technologies. To fulfill this aim, research papers and reviews in these areas of advanced dye chemistry are welcomed for submission. The Special Issue will contain articles on dye syntheses based on mainly organic species and investigations into their functionalities. Dye structural and spectroscopic studies will also be included.

- dye
- coloration
- dyeing
- chromophore
- synthesis
- pigment

Guest Editors

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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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