

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

Prof. Dr. Jae-Hong Choi

Department of Textile System Engineering, Kyungpook National University, Daegu 41566, Korea

Prof. Dr. Jong-Wook Park

Department of Chemical Engineering, KyeongHee University, Seoul 17104, Korea

Deadline for manuscript submissions

closed (30 August 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/140909

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)