



Recent Advances in Dyes Removal Technologies

Guest Editor:

Dr. Monika Wawrzekiewicz

Department of Inorganic
Chemistry, Institute of Chemical
Science, Faculty of Chemistry,
Marie Curie-Skłodowska
University in Lublin, 20-031
Lublin, Poland

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Currently, numerous studies are being conducted to find the ideal dye removal method. The most popular methods for dye removal are biological (adsorption by biomass, algae degradation, aerobic-anaerobic treatment, enzyme degradation, etc.), chemical (advanced oxidation process, electrochemical destruction, oxidation, ozonation, photochemical, and ultraviolet irradiation), and physical (adsorption, coagulation, flocculation, ion exchange, irradiation, membrane filtration, nano-filtration or ultra-filtration and reverse osmosis) and various combinations of the three.

The Special Issue will publish experimental and review papers, as well as short communications, discussing recent developments in the field of dye wastewater treatment and purification of aqueous solutions using biological, chemical, and physical methods. The topics of the papers to be submitted to this Special Issue are defined by the keywords presented below.

- Dye wastewaters
- Environmental protection
- Purification
- Adsorption
- Advanced oxidation process
- Ozonation
- Coagulation
- Flocculation
- Irradiation
- Membrane filtration





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)