

Special Issue

Recent Advances in Dyes Removal Technologies

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

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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