# Special Issue

# Recent Progress in Treatment of Organic Pollutants

### Message from the Guest Editor

Chemical oxidation systems (based on persulfate, H2O2, and KMnO4) have widespread applications in the soil and groundwater remediation of organic contaminants. Some challenges remain to developing and optimizing chemical oxidation systems.Particularly, the development of oxidants and/or activators with high reactivity and longevity is the key basis for the development and application of chemical oxidation systems. The development of methods to maintain in situ levels of oxidants and/or activators will improve the performance of chemical oxidation systems. The development of combination methods of chemical oxidation and other treatments may minimize the use of oxidants and/or activators through the facilitated regeneration of oxidant/activator reagents, or enhanced availability of organic contaminants. Additionally, modeling simulations of chemical oxidation systems are highly appreciated, as they can provide novel knowledge and insights into in situ chemical reactions.Research and review articles covering all aspects of oxidation of organic contaminants in soil and groundwater are welcomed for inclusion in the Special Issue of Molecules.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2022)

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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.

## Editor-in-Chief

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