Special Issue

Experimental and Computational Studies of Oxidation Reactions in Atmospheric and Combustion Chemistry

Message from the Guest Editor

It is my pleasure to announce the launch of a new Special Issue in the journal *Molecules* on the topic of "Experimental and Computational Studies of Oxidation Reactions in Atmospheric and Combustion Chemistry". Oxidation reactions are ubiquitous, ranging from biochemical pathways to synthesis reactions which are important in the chemical industry, to processes which are pivotal in combustion and atmospheric chemistry. These reactions have been studied extensively using state-of-the-art experimental and computational techniques. Because of the considerable applications of these reactions in every area of chemistry, it would be almost impossible, and certainly not fair to certain research fields, to compile such a diverse collection of studies. This Special Issue will focus specifically on atmospheric and combustion chemistry. This is a great opportunity to showcase a collection of high-quality research articles and review articles focused on oxidation reactions in atmospheric and combustion studies. Researchers are welcome to contribute in these areas.

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2021)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/64734

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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.

Editor-in-Chief

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