Special Issue

Coumarin and Its Derivatives II

Message from the Guest Editor

Coumarins represent a significant class of natural heterocyclic compounds. In nature, they occur as secondary metabolites in various plants. This class of compounds is of particular interest to modern organic synthesis and pharmacology due to the wide variety of biological activity shown by the various coumarin molecules/derivatives. Coumarins have a very wide range of applications—from biologically active substances (such as antibiotics, anticoagulants, antitumors etc.) to being used in laser devices. Coumarins are also key components in new hybrid materials, such as the metal–organic framework. The functionalization of the coumarins is a key factor for their versatile application. Their broad spectrum of applications is a ground for multidisciplinary and multi-scale approaches in the field of coumarin derivatives synthesis and applications. In this Special Issue, research articles, reviews and fundamental papers on the synthesis, clarification of reaction mechanisms for coumarin derivatives, the composition of hybrid materials based on coumarin derivatives and their applications are highly welcome.

Guest Editor

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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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