Special Issue

Advances in Organofluorine Chemistry—From Methodology to Applications

Message from the Guest Editors

An enormous amount of progress has been witnessed in fluorine chemistry in the last two decades, and it has become a mainstream research topic in organic synthesis. The interest of the scientific community towards fluorine hinges on its ability to endow organic scaffolds with unexpected properties. The most striking example is acetic acid vs. fluoroacetic acid, the former being the main component of the everyday-used vinegar and the latter—one of the few naturally occurring organofluorides—is a potent disruptor of the Krebs cycle. Despite this, man-made organofluorides have emerged as highly valuable drug candidates, and 20% of currently approved drugs contain fluoride atoms or fluorinated groups. Furthermore, fluorine-containing compounds are important diagnostics in PET imaging, contrast agents for MRI, and emerging reactive warheads for chemical biology. This Special Issue of *Organics* aims to include advances in fluorine chemistry and radiochemistry, including methodology developments in the late-stage insertion of fluorine and fluorinated groups with different levels of fluorination.

Guest Editors

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Message from the Editor-in-Chief

Organics is an open-access journal that offers rapid dissemination of innovative, informative, and impactful results in every aspect of organic chemistry, with a particular emphasis on new or significantly improved research results in the field of organic chemistry. The aim of this journal is to encourage scientists to publish their experimental and theoretical results in great detail to facilitate the advancement of organic chemistry. Main subject areas include but are not limited to: organic synthesis, synthetic methodology, theoretical organic chemistry, physical organic chemistry, supramolecular and macromolecular chemistry, heterocyclic chemistry, organocatalysis, bioorganic chemistry, organometallic chemistry, functional organic materials, etc. There is no restriction on the maximum length of the papers. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible.

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