Special Issue

Redox Transformations in Advanced Organic Synthesis

Message from the Guest Editor

In most synthetic methodologies, redox pathways were involved, with tremendous developments based on their mildness and high compatibility with functional groups without the use of protecting groups. Moreover, radical processes are ideal for the construction of multifunctionalized centers, a process suitable for the synthesis of the core of heterocyclic molecules and natural products with limited steps and in the context of green and sustainable chemistry. In this Special Issue on “Redox Transformations in Advanced Organic Synthesis”, a series of original contributions made by leading experts in the field is expected to highlight recent advances and future perspectives in this emerging topic. These research articles are intended to cover various aspects of green approaches, metal-free procedures and catalytic methodologies, as well as theoretical study and applications, in a diverse range of reactions ranging from synthesis of natural and pharmaceutical products, to water treatment and the medicinal area, and to new organic transformations.

Guest Editor

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Message from the Editor-in-Chief

Organics is a new 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. Sample research topics that span the journal's scope are 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. We are flexible with the types of manuscripts accepted, including original research articles, short communications, highlights of new developments and insightful critical reviews.

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