Special Issue

Solvent-Dependent Organic Transformations

Message from the Guest Editor

Solvents are ubiquitous in organic chemistry transformations since they are the medium where the reaction occurs. The main features of solvents are, among others, the easy control of mass and heat transference, the stabilization of transition sates, and the modification of reactivity (rate, selectivity, etc.). For these reasons, the selection of the appropriate solvent for a particular organic reaction is crucial and must be performed conscientiously. In this context, the aim of this Special Issue is to collect articles describing organic transformations in which solvents play an important and demonstrated role, and do not merely acting as a spectator. Therefore, works in which the solvent itself can promote or facilitate the transformation or where it has a clear influence on the outcome of the transformation, in terms of yield, regio- and/or stereoselectivity, or even studies of the effect of a solvent on a particular reaction will be covered in this Special Issue.

Guest Editor

Dr. Alejandro Baeza Carratalá

Organic Chemistry Department and Instituto de Síntesis Orgánica, Universitat d'Alacant, 03690 Alicante, Spain

Deadline for manuscript submissions

closed (30 June 2020)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/26229

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/journal/molecules

MDPI

About the Journal

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

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).