Special Issue

Benzannulations in Organic Synthesis

Message from the Guest Editor

This Special Issue of Molecules comprises contributions addressing the methodology and synthesis of highly substituted benzenes and other aromatic ring systems. The synthesis of substituted aromatic rings is a longstanding challenge in organic chemistry. Research in this area advances the field of organic synthesis and accelerates research in related fields like medicinal chemistry, energy, and materials, which rely on small-molecule synthesis to drive innovation. Recent innovations in benzannulation methodology are highlighted in this Special Issue.

Keywords

- benzannulation
- cycloaddition
- cycloisomerization
- cyclotrimerization
- two-component coupling
- three-component coupling
- target-oriented synthesis
- convergent synthesis
- organic synthesis
- benzenoids
- aromatic rings
- heterocyclic chemistry
- polycyclic aromatic hydrocarbons

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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.

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