Special Issue

Transition Metal Catalyzed Cyclizations

Message from the Guest Editor

This Special Edition focuses on the broad field of transition metal catalyzed cyclization reactions, but with particular attention on state-of-the-art approaches leading to useful target classes. The power of these reactions is highlighted by their use in natural product and total synthesis, medicinal chemistry, and for functional materials used for biological and optoelectronic applications in the rapidly growing fields of biological chemistry and organic electronics.

The scope of this Special Edition will include: Intramolecular coupling reactions (e.g., Heck, Suzuki–Miyaura, and Buchwald–Hartwig reactions), intramolecular allylations, as well as small-ring openings. This will also include cyclization reactions of alkenes, alkynes, and allenes, including cycloisomerizations, ring-closing metathesis, epoxidations, cyclopropanations, as well as cycloaddition processes.

Guest Editor

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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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