# Special Issue

# Modern Synthesis of Nitriles: Industrial Processes & Emerging Approaches

### Message from the Guest Editor

Nitrile compounds represent a broad, and structurally-diverse, product class in organic chemistry, and are of high importance within the “product tree” of today’s chemical industry. Numerous product segments contain nitriles, ranging from pharmaceuticals and fine chemicals to the field of polymer building blocks and bulk chemicals. Although so far numerous efficient synthetic methods towards nitriles have already been established and applied, the development of novel alternative synthetic methodologies and industrially-feasible processes represent an on-going research area. Herewith we would like to invite potential authors from academia as well as industry being active in the field of nitrile synthesis to contribute to this special issue. Manuscripts on the industrial production of nitriles, the development of novel synthetic methodologies for nitriles based on e.g., catalytic reactions in the presence of metal complexes, organocatalysts or enzymes, as well as mechanism studies on chemical or biosynthetic nitrile-forming reactions are in particular welcome.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 August 2018)

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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.

## Editor-in-Chief

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