# **Special Issue**

# **Hypervalent Iodine Chemistry**

### Message from the Guest Editors

Hypervalent iodine chemistry has matured over several decades, with many transformations mediated by hypervalent iodine compounds now being commonplace in synthesis. In particular, the ability to use these species in place of expensive or toxic metal salts is appealing. They have been used as stoichiometric oxidants, as functional group transfer agents, and as sources of radicals and carbenes. Recent advances include the development of enantioselective processes with chiral hypervalent iodine compounds and the realisation of catalytic reactions with *in situ* generated hypervalent iodine species. This Special Issue will focus on the latest developments in hypervalent iodine chemistry in all areas of synthesis.

## **Guest Editors**

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### Deadline for manuscript submissions

closed (10 February 2017)



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As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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