



Organophosphorus Chemistry 2018

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Message from the Guest Editor

Dear Colleagues,

Organophosphorus chemistry is an important discipline within organic chemistry. Phosphorus compounds, such as phosphines, trialkyl phosphites, phosphine oxides (chalcogenides), phosphonates, phosphinates and $>\text{P}(\text{O})\text{H}$ species, etc., may be important starting materials or intermediates in syntheses.

Many new phosphine oxides, phosphinates, phosphonates and phosphoric esters have been described, which may find application on a broad scale. Phase transfer catalysis, ionic liquids and detergents also have connections to phosphorus chemistry. Green chemical aspects of organophosphorus chemistry (e.g., microwave-assisted syntheses, solvent-free accomplishments, optimizations, and atom-efficient syntheses) represent a dynamically developing field. Last, but not least, theoretical approaches and computational chemistry are also a strong sub-discipline within organophosphorus chemistry. All potential authors working in the field of phosphorus chemistry are invited to contribute, and to enrich the Special Issue “Organophosphorus Chemistry 2018”.

Prof. Dr. György Keglevich
Guest Editor





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Message from the Editor-in-Chief

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