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Electrophilic & Nucleophilic Substitution

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Message from the Guest Editor

Dear Colleagues,

In 1934, in a *Chemical Society Chemical Reviews* paper entitled “Principles of an electronic theory of organic reactions”, Ingold introduced the terms electrophilic and nucleophilic into chemistry. Since then they have become basic concepts used to explain electrophile-nucleophile combinations. Physical organic chemists have developed scales/equations to quantify these effects based on model reactions; electronic factors have been considered; more recently theoreticians have used density-functional theory (DFT) to create indices or descriptors of electrophilicity and nucleophilicity. This issue aims to bring together a representative sample of current experimental and theoretical work in this area.

Prof. Dr. Michael De Rosa

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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