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Recent Advances in Computational Studies of Natural Products

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Message from the Guest Editors

Quantum chemical calculations of natural products are rapidly developing in parallel with the growth of computing resources of leading research centers and universities around the world. We are currently witnessing an unprecedented progress in this field, and notable advances in computational approaches to elucidating the structure of these extremely important biologically active compounds are at the forefront of the modern chemical science. This special issue is devoted to the latest advances in the field of theoretical and stereochemical studies of natural products with paying special attention to the latest advances in the computational NMR results. For the publication in this issue, reviews, regular articles, and short communications are mostly welcome, the latter dealing with the stereochemical and conformational structure of different natural products, their structural elucidation including NMR computation and experiment. A particular emphasis of this issue is focused on the results that reveal the potential of a variety of modern computational protocols, which can be used for a structural survey of natural products.

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Message from the Editor-in-Chief

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