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New Studies of Conjugated Compounds

Guest Editor:

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Deadline for manuscript submissions:
closed (30 May 2020)

Message from the Guest Editor

Dear Colleagues,

Conjugated organic molecules are important molecular building blocks in advanced nanoscale materials and devices. Their application can be widely found in single-molecule devices (e.g., chemo-/biosensors, light-emitters, molecular switches, molecular machines), as well as in much larger macromolecular and supramolecular systems (molecular wires, 2D and 3D conjugated polymers, molecular frameworks, etc.). This Special Issue aims to highlight recent new research directions in this field. The scope of papers encompasses innovative molecular design and synthesis, advanced characterizations, theoretical modeling, and applications in electronic, optical, magnetic, biolabeling, and bioimaging materials and devices.
Communications, full papers, and reviews on the abovementioned topics are particularly welcome.

Prof. Yuming Zhao
Guest Editor

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Editor-in-Chief

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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.

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