Special Issue

Synthesis and Application of Porphyrins, Phthalocyanines and Porphyrazines

Message from the Guest Editors

Porphyrins, phthalocyanines and porphyrazines are renowned for their unique molecular structures and versatile properties, which make them promising candidates in various fields of science and technology. The aim of this Special Issue is to gather original research and review papers on their synthesis, characterization and properties—alone or in combination with semiconductor metal oxides or functionalized surfaces—for a wide range of applications, including but not limited to: (1) catalysis; (2) nonlinear optics; (3) photovoltaics; (4) artificial photosynthesis; (5) photodynamic therapy; (6) sensing. We strongly encourage everyone involved in the investigation of these fascinating compounds to contribute.

Guest Editors

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Deadline for manuscript submissions

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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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