Special Issue

Aggregation-Induced Emission: From Fundamental to Application

Message from the Guest Editors

The concept of aggregation-induced emission, which was firstly coined by Tang et al. in 2001. As compared to traditional fluorophores, the greatest features or advantages of AIE fluorophores is the possible bright emission or highly efficient radiative transition in the aggregate state which is the most used condition for practical applications. Based on this background, the goal of this Special Issue is to show the recent development of AIE fields, including the mechanism study, molecule design, as well as of diverse applications. We welcome original research, review, and perspective articles on themes including, but not limited to:

- Establishment of new theories or mechanisms for AIEgens.
- Design, synthesis and characterization of new molecules with AIE properties.
- New properties and applications of AIE molecules.

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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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