



Photoinduced Processes in Molecular Systems

Guest Editor:

Message from the Guest Editor

Dear Colleagues,

Deadline for manuscript
submissions:
closed (31 March 2021)

The field of chemical processes induced by light in molecular systems (neutral or ionic molecules and molecular radicals) has experienced a great advance in the past few decades. Such processes have a fundamental impact in areas like atmospheric chemistry, astrophysics, and biochemistry. Despite the important advances achieved so far, many challenges and open questions still remain to be solved, both experimentally and theoretically. The rather recent application of attosecond laser pulses to probe ultrafast chemical processes (also known as attochemistry) is a clear example of the opening of new venues to improve our knowledge of chemical reactions and to address the many associated challenges. The development of theoretical methodologies able to treat and describe processes of interest in increasingly larger systems (e.g., of biological interest or in the area of nanomaterials) with sufficient accuracy is another important challenge that is currently being pursued. This Special Issue thus intends to advance this field, and contributions in the form of both original research articles and review articles are welcome.

Guest Editor





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Message from the Editor-in-Chief

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