

Special Issue

Chemical Consequences of XUV/X-ray Laser-matter Interactions

Message from the Guest Editor

This Special Issue is intended to shed light on chemical changes initiated by extreme ultraviolet, soft X-ray, and X-ray lasers and other sources delivering intense short-wavelength electromagnetic radiation. Starting from a brief history of short-wavelength lasers and early attempts to use them in the molecular sciences, a broad overview of the current status of such research will be provided in the issue to reveal and estimate a potential of these new sources in radiation chemistry, molecular radiation biophysics, and related disciplines of radiation and molecular sciences.

Guest Editor

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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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