



Photosensitive Molecular Switches: From Isolated Molecules to Processes

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Message from the Guest Editor

This Special Issue aims to collect original scientific articles and reviews from various topics related to the photosensitive molecular switches acting in solvents, polymers, aligned media, or on various surfaces and at interfaces and on reversibly actuating their properties upon exposure UV/vis light. Examples of acceptable research topics include (but are not limited to) experimental, theoretical, and joint studies on processes in:

- Single-molecules devices;
- Self-assembled photoresponsive monolayers;
- Photosensitive polymers;
- Photochromes and their complexes with metals for biomedical applications;
- Light-programmable control of wetting;
- Light-driven particle and droplet transport;
- Photo-controlled stability of various phases.

The creation of molecular switches is of great importance to the nanotechnological world, but we believe that their greatest moments are yet to come.





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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