



Photo-Responsive Materials and Devices

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

We are inviting submissions to the Special Issue on Photo-responsive Materials and Devices.

Photo-responsive materials have the ability to form novel optical devices because of their unique properties, such as photo-induced birefringence, photo-mobility, and nonlinear effects under light illumination. Based on these properties, many kinds of functionalized optical devices have been reported, for example, polarization hologram, anisotropic diffraction grating, and Pancharatnam–Berry phase lens. Since the design flexibility and performance of the optical systems strongly depend on the functions of optical components, the synthesis of new photo-responsive materials and the development of highly functionalized optical devices based on material properties will bring innovations in photonics.

In this Special Issue, we invite submissions related to the photo-reactive materials, such as photopolymer, photosensitive liquid crystal, photoalignment film, and its applications for developing optical devices. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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