

## Special Issue

# Photo-Responsive Materials and Devices

### Message from the Guest Editors

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.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2022)



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### Editor-in-Chief

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