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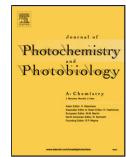
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## ACCEPTED MANUSCRIPT

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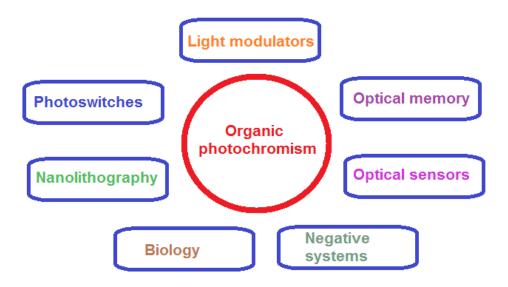
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#### Graphical abstract



### Highlights

- Polymer films for light modulation
- Recording media for 3D optical memory
- Masking films for nanophotolithography
- Polymer and solid-phase photoswitches
- Negative systems
- Systems for biology

#### Abstract

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