Title: Advances in photonics of organic photochromism

Author: V.A. Barachevsky

PII: S1010-6030(17)30268-X
DOI: http://dx.doi.org/doi:10.1016/j.jphotochem.2017.06.034
Reference: JPC 10713

To appear in: *Journal of Photochemistry and Photobiology A: Chemistry*

Received date: 1-3-2017
Revised date: 20-6-2017
Accepted date: 23-6-2017

Please cite this article as: V.A.Barachevsky, Advances in photonics of organic photochromism, Journal of Photochemistry and Photobiology A: Chemistryhttp://dx.doi.org/10.1016/j.jphotochem.2017.06.034

Advances in Photonics of Organic Photochromism

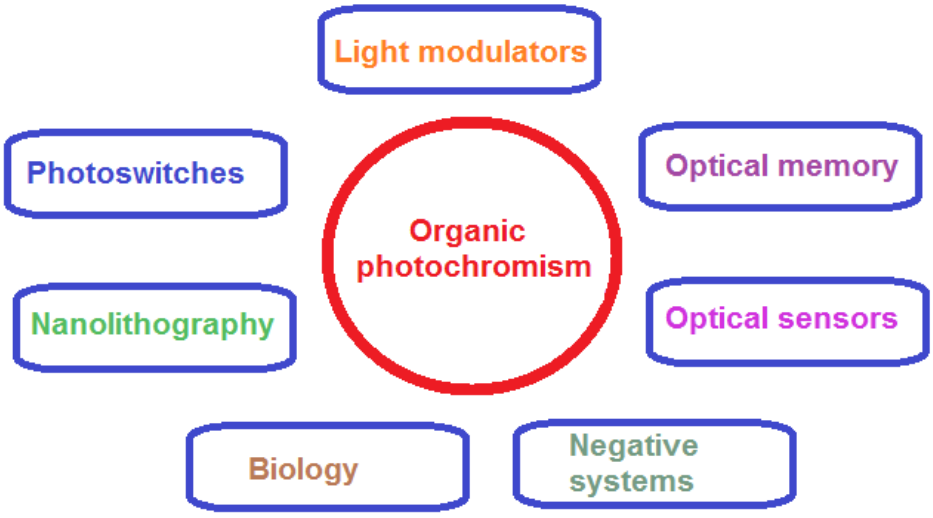
V. A. Barachevsky

Photochemistry Center, Federal Scientific Research Center "Crystallography and Photonics" of the Russian Academy of Sciences

Corresponding author: Tel.: +7 9164206104

E-mail address: barva@photonics.ru

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