

University of Groningen

## Chromism of spiropyrans

Kortekaas, Luuk

**IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.**

*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2018

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Kortekaas, L. (2018). *Chromism of spiropyrans: from solutions to surfaces*. University of Groningen.

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

## List of publications

L. Kortekaas, O. Ivashenko, J. T. Van Herpt and W. R. Browne, A Remarkable Multitasking Double Spiropyran: Bidirectional Visible-Light Switching of Polymer-Coated Surfaces with Dual Redox and Proton Gating, *J. Am. Chem. Soc.*, **2016**, *138*, 1301–1312.

L. Kortekaas and W. R. Browne, Solvation Dependent Redox-Gated Fluorescence Emission in a Diarylethene-Based Sexithiophene Polymer Film, *Adv. Opt. Mater.*, **2016**, *4*, 1378–1384.

D. Mendive-Tapia, L. Kortekaas, J. D. Steen, A. Perrier, B. Lasorne, W. R. Browne and D. Jacquemin, Accidental degeneracy in the spiropyran radical cation: charge transfer between two orthogonal rings inducing ultra-efficient reactivity, *Phys. Chem. Chem. Phys.*, **2016**, *18*, 31244–31253.

L. Kortekaas, F. Lancia, J. D. Steen and W. R. Browne, Reversible Charge Trapping in Bis-Carbazole-Diimide Redox Polymers with Complete Luminescence Quenching Enabling Nondestructive Read-Out by Resonance Raman Spectroscopy, *J. Phys. Chem. C*, **2017**, *121*, 14688–14702.

L. Kortekaas, J. Chen, D. Jacquemin and W. R. Browne, Proton Stabilized Photochemically Reversible *E/Z* Isomerization of Spiropyran, in revision for *J. Phys. Chem. B*, **2018**.