

University of Groningen

Excitonic processes in polymer-based optoelectronic devices

Markov, Denis E.

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:

2006

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

Citation for published version (APA):

Markov, D. E. (2006). *Excitonic processes in polymer-based optoelectronic devices*. s.n.

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

1. *Study of Preferential Solvation in Binary Mixtures by Means of Frequency-Domain Fluorescence Spectroscopy*
N. Kh. Petrov, D. E. Markov, M. N. Gulakov, M. V. Alfimov, and H. Staerk, *J. Fluorescence* **12**, 19 (2002).
2. *Exciton diffusion and dissociation in conjugated polymer/fullerene heterostructures*
D. E. Markov, E. Amsterdam, P. W. M. Blom, A. B. Sieval, and J. C. Hummelen, *Proc. of SPIE* **5464**, 449 (2004).
3. *Accurate Measurement of the Exciton Diffusion Length in a Conjugated Polymer Using a Heterostructure with a Side-Chain Cross-Linked Fullerene Layer*
D. E. Markov, E. Amsterdam, P. W. M. Blom, A. B. Sieval, and J. C. Hummelen, *J. Phys. Chem. A* **109**, 5266 (2005).
4. *Dynamics of exciton diffusion in poly(p-phenylene vinylene)/fullerene heterostructures*
D. E. Markov, J. C. Hummelen, P. W. M. Blom, and A. B. Sieval, *Phys. Rev. B* **72**, 045216 (2005).
5. *Simultaneous enhancement of charge transport and exciton diffusion in poly(p-phenylene vinylene) derivatives*
D. E. Markov, C. Tanase, P. W. M. Blom, and J. Wildeman, *Phys. Rev. B* **72**, 045217 (2005).
6. *Migration-assisted energy transfer at conjugated polymer/metal interfaces*
D. E. Markov and P. W. M. Blom, *Phys. Rev. B (RC)* **72**, 161401 (2005).
7. *Exciton quenching in poly(phenylene vinylene) polymer light-emitting diodes*
D. E. Markov and P. W. M. Blom, *Appl. Phys. Lett.* **87**, 233511 (2005).
8. *Anisotropy of exciton migration in poly(p-phenylene vinylene)*
D. E. Markov and P. W. M. Blom, submitted.

