

University of Groningen

Erratum

Bartesaghi, Davide; Turbiez, Mathieu; Koster, L. Jan Anton

Published in:
Organic Electronics

DOI:
[10.1016/j.orgel.2015.05.031](https://doi.org/10.1016/j.orgel.2015.05.031)

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:
2015

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

Citation for published version (APA):

Bartesaghi, D., Turbiez, M., & Koster, L. J. A. (2015). Erratum: Charge transport and recombination in PDPP5T:[70]PCBM organic solar cells: The influence of morphology (Organic Electronics: physics, materials, applications (2014) 15 (3191-3202)). *Organic Electronics*, 24, 330.
<https://doi.org/10.1016/j.orgel.2015.05.031>

Copyright

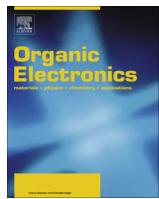
Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

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.



Corrigendum

Corrigendum to “Charge transport and recombination in PDPP5T:[70]PCBM organic solar cells: The influence of morphology” [Org. Electron. 15 (2014) 3191–3202]



Davide Bartesaghi ^{a,b}, Mathieu Turbiez ^c, L. Jan Anton Koster ^{a,*}

^a Photophysics and Optoelectronics, Zernike Institute for Advanced Materials, Nijenborgh 4, NL-9747AG Groningen, The Netherlands

^b Dutch Polymer Institute, P.O. Box 902, 5600AX Eindhoven, The Netherlands

^c BASF Schweiz AG, Schwarzwaldallee 215, CH-4002 Basel, Switzerland

The authors apologize for a mistake in Table 4, page 3200. The Langevin prefactor γ_{pre} used as fit parameter for the thin device is 0.1. The correct table is reported here.

Table 4

Fit parameters for the simulation of the J - V curves of the devices with coarse phase separation in the active layer.

Parameter	Units	Thick device	Thin device
W_0	nm	4.5	4.5
W_1	nm	11	11
J_{mixed}			
μ_e	$\text{m}^2/(\text{V s})$	5.4×10^{-12}	9.8×10^{-12}
γ_e	$(\text{m}/\text{V})^{1/2}$	1.1×10^{-4}	2.9×10^{-4}
μ_h	$\text{m}^2/(\text{V s})$	3.2×10^{-7}	3.2×10^{-7}
γ_h	$(\text{m}/\text{V})^{1/2}$	-4.8×10^{-4}	-4.8×10^{-4}
γ_{pre}	—	1	1
G	$\#/(m^3 s)$	3.12×10^{27}	7.14×10^{27}
J_{blob}			
μ_e	$\text{m}^2/(\text{V s})$	2.0×10^{-7}	2.0×10^{-7}
γ_e	$(\text{m}/\text{V})^{1/2}$	0.5×10^{-4}	0.5×10^{-4}
μ_h	$\text{m}^2/(\text{V s})$	3.2×10^{-7}	3.2×10^{-7}
γ_h	$(\text{m}/\text{V})^{1/2}$	-4.8×10^{-4}	-4.8×10^{-4}
γ_{pre}	—	0.05	0.1
G	$\#/(m^3 s)$	6.18×10^{26}	2.11×10^{27}

DOI of original article: <http://dx.doi.org/10.1016/j.orgel.2014.08.064>

* Corresponding author. Tel.: +31 50 363 4928.

E-mail address: l.j.a.koster@rug.nl (L. Jan Anton Koster).