University of Groningen

Erratum

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

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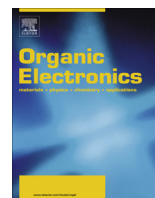
Corrigendum

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_O	nm	4.5	4.5
W_I	nm	11	11
J_{mixed}			
μ_e	$m^2/(V\,s)$	5.4×10^{-12}	9.8×10^{-12}
γ_e	$(m/V)^{1/2}$	1.1×10^{-4}	2.9×10^{-4}
μ_h	$m^2/(V\,s)$	3.2×10^{-7}	3.2×10^{-7}
γ_h	$(m/V)^{1/2}$	-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	$m^2/(V\,s)$	2.0×10^{-7}	2.0×10^{-7}
γ_e	$(m/V)^{1/2}$	0.5×10^{-4}	0.5×10^{-4}
μ_h	$m^2/(V\,s)$	3.2×10^{-7}	3.2×10^{-7}
γ_h	$(m/V)^{1/2}$	-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}