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Unraveling structure and dynamics by confocal microscopy

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List of publications

Deep blue polymer light emitting diodes based on easy to synthesize, non-aggregating polypyrene

R. Trattnig, T. M. Figueira-Duarte, D. Lorbach, W. Wiedemair, S. Sax, S. Winkler, A. Vollmer, N. Koch, **M. Manca**, M. A. Loi, M. Baumgarten, E. J.W. List, and K. Müllen, *Opt. Express* 19, A1281-A1293 (2011).

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Exploring the Origin of the Temperature-Dependent Behavior of PbS Nanocrystal Thin Films and Solar Cells

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Charge separation dynamics in a narrow band gap polymer–PbS nanocrystal blend for efficient hybrid solar cells.

C. Piliago, **M. Manca**, R. Kroon, M. Yarema, K. Szendrei, M.R. Andersson, W. Heiss and M.A. Loi, *J. Mater. Chem.*, 22 (46), 24411-24416, (2012).

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Localization and dynamics of amylose-lipophilic molecules inclusion complex formation in starch granules

M. Manca, A. J. J. Woortman, A. Mura, K. Loos and M. A. Loi, *Phys. Chem. Chem. Phys.*, 17, 7864-7871(2015).

Increasing the activity of a megadalton photosystem I complex by conjugation of organic dyes

P. I. Gordiichuk, A. Paul, D. A. Gautier, A. Gruszka, M. Saller, J. W. de Vries, G-J. A. H. Wetzelaer, **M. Manca**, W. Gomulya, D. Rimmerman, P. W. M. Blom, M. Rögner, S. Richter, M. A. Loi and A. Herrmann. *Submitted*.

Photophysics of picene:pentacene blends

M. Manca, S. Gottardi, T. Toccoli and M.A. Loi. *In preparation*.