

II. PUBLICATIONS

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1. [Hybrid solar cells based on dye-sensitized nanoporous TiO₂ electrodes and conjugated polymers as hole transport materials](#)
D. Gebeyehu, C. Brabec, S. Sariciftci, D. Vangeneugden, R. Kiebooms, D. Vanderzande, F. Kienberger, H. Schindler
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2. [Electrochemical and Photophysical Properties of a Novel Polythiophene with Pendant Fulleropyrrolidine Moieties: Toward "Double Cable" Polymers for Optoelectronic Devices](#)
A. Cravino, G. Zerza, H. Neugebauer, M. Maggini, S. Bucella, E. Menna, M. Svensson, M.R. Andersson, C. Brabec, N.S. Sariciftci
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3. [Photoinduced electron transfer from a dithieno thiophene-based polymer to TiO₂](#)
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4. [Solid-State Organic/inorganic Hybrid Solar Cells based on Conjugated Polymers and Dye-Sensitized TiO₂ Electrodes](#)
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5. [A comparison between state-of-the-art 'gilch' and 'sulphinyl' synthesised MDMO-PPV / PCBM bulk hetero-junction solar cells](#)
T. Munters, T. Martens, L. Goris, V. Vrindts, J. Manca, L. Lutsen, W. De Ceuninck, D. Vanderzande, L. De Schepper, J. Gelan, N. Sariciftci, C. Brabec
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8. [Highly ordered anisotropic nano-needles in para-sexiphenyl films](#)
A. Andreev, H. Sitter, N.S. Sariciftci, C. Brabec, G. Springholz, P. Hinterdorfer, H. Plank, R. Resel, A. Thierry, B. Lotz
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9. [Synthesis and electropolymerisation of 3',4'-Bis\(alkylsulfanyl\)terthiophenes and the significance of the fused dithiin ring in 2,5-bithienyl-3,4-ethylenedithiophene \(BT-EDTT\)](#)
C. Pozo-Gonzalo, T. Khan, J. McDouall, P. Skabara, D. Roberts, M. Light, S. Coles, M. Hursthouse, H. Neugebauer, A. Cravino, N.S. Sariciftci
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10. [Effect of LiF/metal electrodes on the performance of plastic solar cells](#)
C. Brabec, S. Shaheen, C. Winder, P. Denk, N.S. Sariciftci
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11. [Infrared spectroscopic investigations of organic polymeric photovoltaic systems](#)
H. Neugebauer, C. Brabec, A. Cravino, T. Yohannes, P. Denk, S. Luzzati, M. Catellani, N.S. Sariciftci
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12. [Positive and Negative Charge Carriers in Doped or Photoexcited Polydithienothiophenes: a Comparative Study using Raman, Infrared and Electron Spin Resonance Spectroscopy](#)
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13. [Molecular Engineering of C₆₀-Based Conjugated Oligomer Ensembles: Modulating the Competition between Photoinduced Energy and Electron Transfer Processes](#)
D. Guldi, C. Luo, A. Swartz, R. Gomez, J. Segura, N. Martin, C. Brabec, N. S. Sariciftci
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15. [Double-cable polymers for fullerene based organic optoelectronic applications](#)
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16. [CuInSe₂/Polypyrrole Photovoltaic Structure Prepared by Electrodeposition](#)
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19. **Polymer Fullerene Networks for Photovoltaic Applications**
I. Riedel, V. Dyakonov, J. Parisi, C. Brabec, N.S. Sariciftci, J. Hummelen
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20. **Electronic Properties of Polymer-fullerene Solar Cells studied with Light-induced Electron Spin Resonance and Admittance Spectroscopy**
V. Dyakonov, I. Riedel, C. Deibel, J. Parisi, C. Brabec, N.S. Sariciftci, J. Hummelen
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21. **[Self-Assembled Growth of Highly Oriented Para-Sexiphenyl Thin Films Controlled by Elastic Strain](#)**
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23. **[Effects of inserting Highly Polar Salts between the Cathode and active Layer of Bulk Heterojunction Photovoltaic Devices](#)**
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24. **[Transient optical studies of charge recombination dynamics in a polymer/fullerene composite at room temperature](#)**
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28. **[Dependence of field-effect hole mobility of PPV-based polymer films on the spin-casting solvent](#)**
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29. [Fulleropyrrolidine-phthalocyanine: A new molecule for solar energy conversion](#)
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35. [Organic Rare Earth Complexes in Polymer Matrices and Light Emitting Diodes](#)
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12. **Long living photoinduced charge separation for solar cell applications in fulleropyrrolidine-phthalocyanine dyad thin films**
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13. **Organic Photovoltaics (Book)**
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14. **Convenient Synthesis and Polymerisation of 5,6-Disubstituted Dithiophthalides Towards Soluble PITN and Initial Spectroscopic Characterization of the Resulting Low Band Gap Polymers**
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4. **Organic Er- β -diketo complex in fluorinated host matrix**
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5. **Comparison of the electrochemical and optical bandgap of low-bandgap polymers**
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Patente:

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