

# Stanford

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## David Hanifi

Ph.D. Student in Chemistry, admitted Summer 2013

### Bio

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#### STANFORD ADVISORS

- Alberto Salleo, Doctoral Dissertation Advisor (AC)

### Publications

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#### PUBLICATIONS

- **Naphthalenediimide Polymers with Finely Tuned In-Chain p-Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties.** *Advanced materials*  
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- **Controlling the mode of operation of organic transistors through side-chain engineering.** *Proceedings of the National Academy of Sciences of the United States of America*  
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- **N-type organic electrochemical transistors with stability in water** *NATURE COMMUNICATIONS*  
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- **Molecular Design of Semiconducting Polymers for High-Performance Organic Electrochemical Transistors.** *Journal of the American Chemical Society*  
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- **Toward Conductive Mesocrystalline Assemblies: PbS Nanocrystals Cross-Linked with Tetrathiafulvalene Dicarboxylate** *CHEMISTRY OF MATERIALS*  
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- **The Effect of Processing Additives on Energetic Disorder in Highly Efficient Organic Photovoltaics: A Case Study on PBDTTT-C-T:PC71 BM.** *Advanced materials*  
Gao, F., Himmelberger, S., Andersson, M., Hanifi, D., Xia, Y., Zhang, S., Wang, J., Hou, J., Salleo, A., Inganäs, O.  
2015; 27 (26): 3868-3873
- **Direct Observation of Doping Sites in Temperature-Controlled, p-Doped P3HT Thin Films by Conducting Atomic Force Microscopy** *ADVANCED MATERIALS*  
Duong, D. T., Hung Phan, H., Hanifi, D., Jo, P. S., Thuc-Quyen Nguyen, T. Q., Salleo, A.  
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