



Characterisation method for spin-dependent processes in solar energy technology

Results

Project Information

SpinSolar

Grant agreement ID: 743419

[Project website](#)

DOI

[10.3030/743419](https://doi.org/10.3030/743419)

Project closed

EC signature date

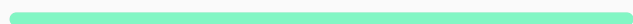
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€ 159 460,80

Coordinated by

FREIE UNIVERSITAET BERLIN



Germany

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Publications

[Quantitative Analysis of Doping-Induced Polarons and Charge-Transfer Complexes of Poly\(3-hexylthiophene\) in Solution](#)

Author(s): Malavika Arvind, Claudia E. Tait, Michele Guerrini, Jannis Krumland, Ana M. Valencia, Caterina Cocchi, Ahmed E. Mansour, Norbert Koch, Stephen Barlow, Seth R. Marder, Jan Behrends, Dieter Neher

Published in: The Journal of Physical Chemistry B, 2020, ISSN 1520-6106

Publisher: American Chemical Society

DOI: 10.1021/acs.jpccb.0c03517

[Spin-spin interactions and spin delocalisation in a doped organic semiconductor probed by EPR spectroscopy](#)

Author(s): Claudia E. Tait, Anna Reckwitz, Malavika Arvind, Dieter Neher, Robert Bittl, Jan Behrends

Published in: Physical Chemistry Chemical Physics, 2021, ISSN 1463-9076

Publisher: Royal Society of Chemistry

DOI: 10.1039/d1cp02133h

[Elucidating the Structural Composition of an Fe-N-C Catalyst by Nuclear- and Electron-Resonance Techniques](#)

Author(s): Stephan Wagner, Hendrik Auerbach, Claudia E. Tait, Ioanna Martinaiou, Shyam C. N. Kumar, Christian Kübel, Ilya Sergeev, Hans-Christian Wille, Jan Behrends, Juliusz A. Wolny, Volker Schünemann, Ulrike I. Kramm

Published in: Angewandte Chemie International Edition, Issue 58/31, 2019, Page(s) 10486-10492, ISSN 1433-7851

Publisher: John Wiley & Sons Ltd.

DOI: 10.1002/anie.201903753

[Photoexcited triplet states of twisted acenes investigated by Electron Paramagnetic Resonance](#)

Author(s): Claudia E. Tait, Anjan Bedi, Ori Gidron, Jan Behrends

Published in: Physical Chemistry Chemical Physics, Issue 21/38, 2019, Page(s) 21588-21595, ISSN 1463-9076

Publisher: Royal Society of Chemistry

DOI: 10.1039/c9cp04135d

[An Organic Borate Salt with Superior p -Doping Capability for Organic Semiconductors](#)

Author(s): Berthold Wegner, Dominique Lungwitz, Ahmed E. Mansour, Claudia E. Tait, Naoki Tanaka, Tianshu Zhai, Steffen Duhm, Michael Forster, Jan Behrends, Yoshiaki Shoji, Andreas Opitz, Ullrich Scherf, Emil J. W. List-Kratochvil, Takanori Fukushima, Norbert Koch

Published in: Advanced Science, 2020, Page(s) 2001322, ISSN 2198-3844

Publisher: WILEY-VCH Verlag GmbH & Co. KGaA
DOI: 10.1002/adv.202001322

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