List of publications - Prof. Jürgen Janek (October 2011)

Remarks:
Publications without peer review are listed separately at the end of this document.
The sequence of authors to a publication corresponds to their individual contribution. In the case of experimental studies usually a graduate student or Post-Doc is the first author, according to the major experimental contribution. In the case of theoretical or review papers this can vary from case to case.

Patents

(1) "*Abscheidung von nanoskaligen Metallen, Halbmetallen, und Verbindungen dieser Metalle und/oder Halbmetalle an der Grenzfläche zwischen einer Niedertemperaturentladung und einer ionischen Flüssigkeit*"
J. Janek, F. Endres, M. Rohnke, S. A. Meiss; Justus-Liebig-University Giessen, German Patent, 21.3.2007, DE2007/000524

"*Deposition of Nanoscale Metals, Semimetals and Compounds of Said Metals and/or Semimetals on the Boundary surface between a Low Temperature discharge and an Ionic Liquid"*
J. Janek, F. Endres, M. Rohnke, S. A. Meiss; Justus-Liebig-University Giessen International Patent, PCTR/DE2007/000524, WO 2007/107152 A2

(2) "*Method for producing a conductor/non-conductor transition*"
M. Martin, R. De Souza, D. Samuelis, I. Valov, J. Janek, A. Börger, K. D. Becker, P. C. Schmidt, L. Nagarajan. PCT Int. Appl. (2009), 28 pp; WO 2009121540 A1 20091008

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(3) "*Gas sensor for determining reactive gases based on the Seebeck effect."*
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(6) *Investigation of charge transport across the* Ag|α-AgI*-interface: I. Occurrence of periodic phenomena during anodic dissolution of silver*
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