

- 3192** T. Bahners, Jochen S. Gutmann,  
Photo-Initiated Lamination of Polyethylene (PE) and Poly(ethylene terephthalate)  
(PET)  
Journal of Adhesion Science and Technology **26** (2012) 121-130.
- 3193** F.Schröter, T. Textor, E. Schollmeyer  
Nanoclays – Füllstoffe für die Polymerbeschichtung von Textilien.  
GAK **65** (2012), 114-119
- 3194** R. Benken, T. Textor, Jochen S. Gutmann,  
Aerosolbeschichtung für die Funktionalisierung textiler Substrate.  
Textilveredlung **47** (2012), 6-10.
- 3195** K. Opwis, T. Mayer-Gall, Jochen S. Gutmann, Ch. Dammer, T. Titscher, A. Nickisch-Hartfiel, O. Grün, Ch. Spurk, Ch. Schloederer, A. Köppe, Ch. Dörfler, H. Bachus  
Semi-industrial production of methane from Textile Waste Waters, Energy, Sustainability and Society (2012), 1
- 3196** U. Schloßer, T. Bahners, E. Schollmeyer, Jochen S. Gutmann  
Griffbeurteilung von Textilien mittels Schallanalyse.  
Melliand Textilberichte **93** (2012), 43-45.
- 3197** T. Bahners, A. Wego, Jochen S. Gutmann,  
Photochemische Oberflächenmodifizierung zur Verminderung der mikrobiellen Adhäsion.  
Melliand Textilberichte **93** (2012), 50-51.
- 3198** V. Ameri Dehabadi, H.-J. Buschmann, J.S. Gutmann  
Durable press finishing of cotton fabrics with polyamino carboxylic acids.  
Carbohydrate Polymers **89** (2012), 558-563.
- 3199** H.-J. Buschmann,  
Applications in the Food and Textile Industries.  
Applications of Supramolecular Chemistry, 2012, 417-433,  
International Standard Book Number: 978-1-4398-4014-6 (Hardback).
- 3200** T. Bahners, M. Schmidt, U. Schloßer, J. . Gutmann,  
Wissenschaftliche Grundlagen für ein neues Verfahren zur Vorhersage der Lebensdauer von technischen Textilien auf Basis eines viskoelastischen Modells des Polymerrelaxationsverhaltens,  
DTNW-Mitteilung Nr. 84 (2012), ISSN 1430-1954.
- 3201** K. Opwis, T. Bahners,  
Photovoltaik und Optical Harvesting – eine Chance für die Textilindustrie?  
Trendbook Technical Textiles 2012/2013, Innovations, Trends, Markets, Deutscher Fachverlag, Seite 35.
- 3202** V. Ameri Dehabadi, H.-J. Buschmann, Jochen S. Gutmann,  
Effect of Polyamino Carboxylic Acids on Biostatic properties and dyeability of cotton fabrics.  
14th Romanian Textiles and Leather Conference – CORTEP 2012, Sinaia, 6-8 September 2012, ISSN 2285-5378, 462-467.
- 3203** H.-J. Buschmann, J. S. Gutmann,  
Polyelektrolytschichten auf textilen Materialien.  
DTNW-Mitteilung Nr. 86 (2012), ISSN 1430-1954.

- 3204** T. Bahners, J. S. Gutmann,  
Grundlagen zum Einsatz innovativer und umweltfreundlicher Lacksysteme zur Farbgebung bei Gewebemöbeln.  
DTNW-Mitteilung Nr. 87 (2012), ISSN 1430-1954.
- 3205** C. Colleoni, E. Guido, V. Migani, G. Rosace, T. Textor,  
Synthesis of a stable aqueous TiO<sub>2</sub>-Chitosan Sol prepared without stabilizing Alcohol.  
12th Word Textile Conference AUTEX, June 13th to 15th, Zadar, Croatia
- 3206** V. Ameri Dehabadi, H.-J. Buschmann, J. S. Gutmann,  
Flame-retardant finishing of cotton fabrics using polyamino carboxylic acids and sodium hypophosphite.  
Fire Mater. (2012), DOI: 10.1002/fam.2170
- 3207** V. Ameri Dehabadi, H.-J. Buschmann, J.S. Gutmann,  
Study of easy care and biostatic properties of finished cotton fabric with polyamino carboxylic acids.  
The Journal of The Textile Institute, (2013), 104 (4), 414-418.
- 3208** A. Farouk, S. Moussa, M. Ulbricht, T. Textor,  
ZnO Nanoparticles-Chitosan Composite as Antibacterial Finish for Textiles.  
International Journal of Carbohydrate Chemistry (2012), DOI: 10.1155/2012/693629
- 3209** K. Opwis, D. Knittel, J.S. Gutmann,  
Oxidative in situ deposition of conductive PEDOT:PTSA on textile substrates and their application as textile heating element.  
Synthetic Metals **162** (2012), 1912-1918.
- 3210** R. Berger, J.S. Gutmann, R. Schäfer,  
Rastersondenmethoden für Polymere und Biomoleküle.  
Nachrichten aus der Chemie **60** (2012), 754-757
- 3211** S. Finger, C. Wiegand, H.-J. Buschmann, U. Chr. Hippler,  
Antimicrobial properties of cyclodextrin-antiseptics-complexes determined by microplate laser nephelometry and ATP bioluminescence assay.  
International of Journal of Pharmaceutics **436** (2012), 851-856.
- 3212** N.H. Mohamed, T. Bahners, A. Wego, J.S. Gutmann, M. Ulbricht,  
Surface modification of poly(ethylene terephthalate) fabric via photo-chemical reaction of dimethylaminopropyl methacrylamide.  
Applied Surface Science **259** (2012), 261-269.
- 3213** T. Bahners, L. Prager, St. Kriehn, J.S. Gutmann,  
Super-hydrophilic surfaces by photo-induced micro-folding.  
Applied Surface Science (2012), **259**, 847-852.
- 3214** T. Bahners, U. Schloßer, J.S. Gutmann,  
Characterization of the Mechanical Properties of Technical Fibers at Extreme Strain Rates.  
Macromol. Mater. Eng. (2012), DOI: 10.1002/mame.201100312.

- 3215** H.-J. Buschmann, V. A. Dehabadi, J.S. Gutmann,  
Multi-functional finish of cotton using Polyaminocarboxylic acids.  
6th International Textile, Clothing & Design Conference, Magic World of Textiles,  
October 7th to 10th, Dubrovnik, Croatia.
- 3216** A.D. Stancu, H.-J. Buschmann, L. Mutihac,  
Survey on thermodynamic properties for the complexation behaviour of some  
calixarene and cucurbituril receptors.  
*J. Incl. Phenom. Macrocycl. Chem.*, ISSN 0923-0750,  
DOI: 10.1007/s10847-012-0137-5.
- 3217** V. Ameri Dehabadi, H.-J. Buschmann, Jochen S. Gutmann,  
Pretreatment of cotton fabrics with polyamino carboxyclic acids for salt-free dyeing of  
cotton with reactive dyes.  
*Color. Technol.* **129** (2) (2013), 155,158.
- 3218** Jochen S. Gutmann,  
Vortrag: Transforming finish to function: Chemistry at textile Surfaces  
Korea-Germany for Sustainable Solutions with Technical Textiles, 05.09.2012.

**20.08.13 ro**