

Trends in Energy – Efficiency, Recovery and Production – The Role of the Chemical Industry

EDITORIAL

- 697 Trends in Energy – Efficiency, Recovery and Production
The Role of the Chemical Industry
X. Beyrich-Graf
- 700 Leanergy™: How Lean Manufacturing Can Improve Energy Efficiency
J.-P. Riche
- 703 Energy Efficiency Increase in a Chemical Production Site
U. Keller, W. Jucker*
- 708 Improving the Energy Efficiency in Lonza Ltd, Visp
A. Szijjarto
- 711 CO₂ Capture by Ionic Liquids – An Answer to Anthropogenic CO₂ Emissions?
*P. Sanglard, O. Vorlet, R. Marti, O. Naef, E. Vanoli**
- 719 Novel Cathode Material for Rechargeable Lithium–Sulfur Batteries
O. Gronwald, A. Garsuch, A. Panchenko*
- 724 Impact of Innovations on Future Energy Supply – Chemical Enhanced Oil Recovery (CEOR)
C. Bittner
- 729 Using Adhesives as a Means to Reduce Costs and Increase Performance
in the Production of Photovoltaic Electricity
C. Thorey
- 732 sunliquid®: Sustainable and Competitive Cellulosic Ethanol from Agricultural Residues
*M. Rarbach, Y. Sörtl**

COLUMNS

- 735 ORDNUNG IN DIE ANORGANIK
Nachdruck aus: *Nachrichten aus der Chemie* **2013**, 61 [Oktober], 1013
- 738 SWISS SCIENCE CONCENTRATES
Prepared by
*P. Burch, V. Köhler, R. Reuter, M. Spulber, A. von der Höh, T. R. Ward**
- 739 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
Analytical Strategy to Characterize Drug–Plasma Interactions:
From High Throughput to In-depth Analysis
K. Vuignier, J.-L. Veuthey, P.-A. Carrupt, J. Schappler*
- 740 FH-HES
Monitoring Labeling Reactions Using Fluorescence Polarization
*Y. Crittin, J. Héritier, J.-M. Segura**
- 742 45TH INTERNATIONAL CHEMISTRY OLYMPIAD
Three Bronze Medals for Switzerland at the 45th International Chemistry Olympiad
in Moscow, Russia
B. I. M. Wicky, S. F. Keller, L. D. Meier, M. S. Frei*
- 744 CONFERENCE REPORT
Basel Chemistry Symposium 2013 – In Memory of Prof. C. F. Schönbein
P. Burch, T. R. Eaton*, J. Hoecker*, M. Gantenbein, L. Jundt, M. Rickhaus*

SWISS CHEMICAL SOCIETY

- 746 Minutes of the 23rd General Assembly of the SCS
- 747 Ceremonies of the Industrial Awards 2013
- 748 Winners of the Best Presentation Awards at the Fall Meeting 2013
- 750 SCS Thanks its Member Societies, Corporate Members and institutional CHIMIA subscribers
- 751 ILMAC '13 successfully mirrors the Swiss market
- 752 ILMAC LOUNGES: Meet the Community
- 753 Winners of the ILMAC SCG-FH Awards
- 754 Launch of SusChem Switzerland at Ecochem 2013 on November 19
- 755 News
- 755 A warm welcome to our new members!
- 756 Division für Analytische Wissenschaften: Weiterbildung Analytik

INFORMATION

- 757 Honors
- 757 News
- 757 Conferences/Workshops/Symposia
- 758 Lectures

EUChEMS

- 761 EuCheMS Newsletter

CHIMIA REPORT/COMPANY NEWS

- 766 Markt, Apparate, Chemikalien und Dienstleistungen