

Chemistry in China

EDITORIAL

892 *P. Maienfisch*

- 894 The Recent Development of Organofluorine Chemistry in China: Asymmetric Construction of Stereogenic Trifluoromethyl-substituted Carbon Centers
*L. Wen, Q. Shen, L. Lu**
- 902 Asymmetric Synthesis of Fluorine-containing Compounds Using Organocatalysts
*Z. Ye, G. Zhao**
- 909 New Developments in Aromatic Halogenation, Borylation, and Cyanation
*D. Qiu, F. Mo, Z. Zheng, Y. Zhang, J. Wang**
- 914 Cu(I)/Amino Acid Catalyzed Coupling Reactions of Aryl Halides and Nucleophiles: Applications in Large-scale Production
D. Ma, Y. Jiang*
- 919 Application of Nickel(II) Complexes to the Efficient Synthesis of α - or β -Amino Acids
*J. Wang, L. Zhang, H. Jiang, K. Chen, H. Liu**
- 925 Active Methylene-based Multicomponent Reactions under Microwave Heating
*B. Jiang, S.-J. Tu**
- 932 Self-supported Chiral Catalysts for Heterogeneous Asymmetric Catalysis
*H. Guo, K. Ding**
- 939 Anion Recognition by Charge Neutral Electron-deficient Arene Receptors
D.-X. Wang, M.-X. Wang**
- 944 Chromatographic Fingerprinting Coupled with Chemometrics for Quality Control of Traditional Chinese Medicines
Y.-z. Liang, W.-P. Wang*
- 952 Antitumor Cyclic Hexapeptides from *Rubia* Plants: History, Chemistry and Mechanism (2005–2011)
*S. M. Zhao, B. Kuang, J. T. Fan, H. Yan, W. Y. Xu, N. H. Tan**
- 957 Advanced Research on *cis*-Neonicotinoids
X. Shao, Z. Ye, H. Bao, Z. Liu, X. Xu, Z. Li, X. Qian**
- 961 Protoporphyrinogen Oxidase Inhibitor: An Ideal Target for Herbicide Discovery
*G.-F. Hao, Y. Zuo, S.-G. Yang, G.-F. Yang**

COLUMNS

- 970 CONFERENCE REPORT
47th Symposium on Theoretical Chemistry 2011 (STC 2011)
Designing Molecular Functionality: Challenges for Theoretical Approaches
August 21–25, 2011, Campus Sursee, Switzerland
M. P. Haag, A. R. Finkelmann**
- 973 CONFERENCE REPORT
Biotech 2011 Conference
Zurich University of Applied Sciences, Wädenswil, September 1 and 2, 2011
C. Demuth
- 976 CONFERENCE REPORT
Bericht von der 25. Spektrometertagung (2011) in Schaffhausen
E. Hunziker
- 977 SWISS SCIENCE CONCENTRATES
Prepared by
*N. Bruns, A. Ganic, V. Köhler, R. Kramer, F. Monnard, T. R. Ward**
- 978 HIGHLIGHTS OF ANALYTICAL CHEMISTRY IN SWITZERLAND
Microdroplets and Magnetic Beads: Fishing for Molecules in nL Volumes
*D. Lombardi, P. S. Dittrich**
- 979 FH – HES
Influence of the Hydrogen Reduction Time and Temperature on the Morphology Evolution and
Hematite/Magnetite Conversion of Spindle-Type Hematite Nanoparticles
T. Chappuis, I. Bobowska, S. Hengsberger, E. Vanoli, H. Dietsch**
- 982 OBITUARY
Prof. Dr. Manfred Hesse
H.-J. Hansen
- 984 SCNAT
Chemical Landmark 2011 – Designation of the Laboratory of Jean-Charles Galissard de Marignac
in Geneva
B. Winter-Werner, D. Perret**

SWISS CHEMICAL SOCIETY

- 987 SCS Spring Meeting, February 16, 2012
- 987 10th Swiss Snow Symposium, February 12–14, 2012
- 987 A warm welcome to our new members!
- 988 Division of Analytical Chemistry

INFORMATION

- 989 News
- 989 Honors
- 989 Conferences/Workshops/Symposia
- 990 Lectures

EuCHEMS

- 991 EuCHEMS Newsletter

CHIMIA REPORT/COMPANY NEWS

- 995 Markt, Apparate, Chemikalien und Dienstleistungen