

# Mineralogy

## EDITORIAL

692 *T. Armbruster*

- 693 A Novel Route for the Synthesis of Mesoporous and Low-Thermal Stability Materials by Coupled Dissolution-Reprecipitation Reactions: Mimicking Hydrothermal Mineral Formation  
*J. Brugger\*, A. McFadden, C. E. Lenehan, B. Etschmann, F. Xia, J. Zhao, A. Pring*
- 699 Advances and Gaps in the Knowledge of Thermodynamics and Crystallography of Acid Mine Drainage Sulfate Minerals  
*J. Majzlan*
- 705 Phase Decomposition upon Alteration of Radiation-Damaged Monazite-(Ce) from Moss, Østfold, Norway  
*L. Nasdala\*, K. Ruschel, D. Rhede, R. Wirth, L. Kerschhofer-Wallner, A. K. Kennedy, P. D. Kinny, F. Finger, N. Groschopf*
- 712 Mineralogy and Cultural Heritage  
*G. Artioli*
- 716 Structural Chemistry of Anhydrous Sodium Silicates – A Review  
*V. Kahlenberg\**
- 723 Synthetic Calcium Phosphate Ceramics for Treatment of Bone Fractures  
*N. Döbelin\*, R. Luginbühl, M. Bohner*
- 730 Cation Ordering and Superstructures in Natural Layered Double Hydroxides  
*S. V. Krivovichev\*, V. N. Yakovenchuk, A. A. Zolotarev, Jr., G. N. Ivanyuk, Y. A. Pakhomovsky*
- 736 Meteorites: Messengers from the Early Solar System  
*B. A. Hofmann*
- 741 Distinction of Gem Spinels from the Himalayan Mountain Belt  
*A. Malsy\*, L. Klemm*
- 747 Defining Asbestos: Differences between the Built and Natural Environments  
*M. E. Gunter*

## COLUMNS

---

- 753 SWISS SCIENCE CONCENTRATES  
Prepared by  
*N. Bruns, V. Köhler, R. Kramer, P. Mauleón, F. Monnard, T. R. Ward\**
- 754 HIGHLIGHTS OF ANALYTICAL CHEMISTRY IN SWITZERLAND  
Optical Detection of Endogenous Biological Cyanide  
*F. Zelder\*, C. Männel-Croisé*
- 755 FH – HES  
Quantification of the Total Amount of Artemisinin in Leaf Samples by Thin Layer Chromatography  
*M. Quennoz, C. Bastian\*, X. Simonnet, A. F. Grogg*
- 758 INTERVIEW  
“We Want to Unleash More Synergy and Creativity”  
Interview with Dr. Ulf Korthäuer and Dr. Tewis Bouwmeester about the Novartis  
Labs of the Future (LOTF)  
*Interviewer L. Weber*

## SWISS CHEMICAL SOCIETY

---

- 763 SCS Events 2011
- 764 News

## INFORMATION

---

- 765 Honors
- 765 Lectures

## CHIMIA REPORT/COMPANY NEWS

---

- 768 Markt, Apparate, Chemikalien und Dienstleistungen