

Coordination Polymers: From Structures to Applications

EDITORIAL

- 369 *C. E. Housecroft, K. M. Fromm*
- 372 Square Grid and Pillared Square Grid Coordination Polymers – Fertile Ground for Crystal Engineering of Structure and Function
*S. D. Burd, P. S. Nugent, M. Mohamed, S. K. Elsaidi, M. J. Zaworotko**
- 379 Coordination Polymers of Small Cyano Anions
S. R. Batten, G. B. Deacon, K. S. Murray, D. R. Turner*
- 383 Coordination Polymers Constructed from Oligonuclear Nodes
*M. Andruh**
- 388 A Journey from Supramolecular Chemistry to Nanoscale Networks
*E. C. Constable**
- 393 Design and Synthesis of New 1D and 2D R-isophthalic Acid-based Coordination Polymers (R = Hydrogen or Bromine)
*R. Zhang, Q. Gong, T. J. Emge, D. Banerjee, J. Li**
- 397 Synthesis and Reactivity of Zn–Biphenyl Metal–Organic Frameworks, Introducing a Diphenylphosphino Functional Group
M. Ranocchiari, J. A. van Bokhoven**
- 403 Coordination Polymers and Metal–Organic Frameworks Derived from 4,4'-Dicarboxy-2,2'-bipyridine and 4,4',6,6'-Tetracarboxy-2,2'-bipyridine Ligands: A Personal Perspective
*P. E. Kruger**
- 411 Crystal Engineering of Fe^{II} Spin Crossover Coordination Polymers Derived from Triazole or Tetrazole Ligands
Y. Garcia, N. N. Adarsh, A. D. Naik*
- 419 Porous Coordination Polymers as Novel Sorption Materials for Heat Transformation Processes
C. Janiak, S. K. Henninger**

COLUMNS

- 425 UNIVERSITIES OF APPLIED SCIENCES
Cyclodextrin-based Combinatorial Polymers: Efficient Binders of Pharmaceuticals in Water
*P. Shahgaldian**, *P. F.-X. Corvini*
- 427 SWISS SCIENCE CONCENTRATES
Prepared by
N. Bruns, P. Burch, V. Köhler, R. Reuter, P. Tosatti and T. R. Ward
- 428 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
Determination of PCR Products by Capillary Electrophoresis
with Contactless Conductivity Detection
*M. Stojkovic, N. R. Uda, P. Brodmann, P. C. Hauser**
- 429 POLYMER AND COLLOID HIGHLIGHTS
Low-temperature Preparation of Functional Carbon Nanocapsules *via* Self-assembly
and Carbonization of Hexayne Amphiphiles
*S. Schrettl, H. Frauenrath**
- 430 SCNAT
2013 SCNAT/SCS Chemistry Travel Award
*A. K. Lawrence**

SWISS CHEMICAL SOCIETY

- 434 General Assembly 2013
- 435 Call for Nominations for the SCS Scientific Awards 2014
- 436 Frontiers in Fluorine Chemistry
- 437 Society News
- 437 Invitation to the SCS General Assembly 2013
- 437 A warm welcome to our new members!
- 438 Division für Analytische Wissenschaften: Weiterbildung Analytik

INFORMATION

- 439 News
- 439 Conferences/Workshops/Symposia
- 441 Lectures

CHIMIA REPORT/COMPANY NEWS

- 443 Markt, Apparate, Chemikalien und Dienstleistungen