

Laureates: Junior Prizes of the SCS Fall Meeting 2019

- 216 Letter from Alain de Mesmaeker, President of the Swiss Chemical Society
- 217 Editorial
H. P. Lüthi, R. Alberto
- 220 The Gap Sampler: A Versatile Microfluidic Autosampler for Electrospray Ionization Mass Spectrometry
J. Kaeslin
- 225 Probing the Electronic Structure of Spectator Oxo Ligands by ^{17}O NMR Spectroscopy
*C. P. Gordon, C. Copéret**
- 232 Learning (from) the Electron Density: Transferability, Conformational and Chemical Diversity
*A. Fabrizio, K. Briling, A. Grisafi, C. Corminboeuf**
- 237 Molecular Approach to Generate Cu(II) Sites on Silica for the Selective Partial Oxidation of Methane
J. Meyet, M. A. Newton, J. A. van Bokhoven, C. Copéret**
- 241 The Generated Databases (GDBs) as a Source of 3D-shaped Building bBlocks for Use in Medicinal Chemistry and Drug Discovery
*K. Meier, S. Bühlmann, J. Arús-Pous, J.-L. Reymond**
- 247 The Serendipitous Discovery of a Rose Odorant
*N. Hauser, P. Kraft, E. M. Carreira**
- 252 Metal-Salen-based Probes for the Selective Detection of Phosphates *via* a Disassembly Approach
*P. Yadav, F. Zelder**
- 257 Development of In_2O_3 -based Catalysts for CO_2 -based Methanol Production
*M. S. Frei, C. Mondelli, J. Pérez-Ramírez**
- 263 Two-dimensional Material Membranes for Gas Separation
M. Dakhchoune
- 270 Recent Advances in Mode of Action and Biosynthesis Studies of the Clinically Used Antibiotic Fidaxomicin
*A. Dorst, E. Jung, K. Gademann**
- 274 Exploring the Ubiquitin-Proteasome System (UPS) through PROTAC Technology
C. Cecchini, S. Tardy, V. Ceserani, J.-P. Theurillat*, L. Scapozza**
- 278 Modular Chiral *N*-Heterocyclic Carbene Ligands for the Nickel-Catalyzed Enantioselective C–H Functionalization of Heterocycles
*J. Diesel, N. Cramer**
- 285 Spectroscopy of Highly Excited States of the Hydrogen Atom
S. Scheidegger, F. Merkt**
- 289 Voltammetric Tracing of Al(III) Using Supramolecular Metal-Polyphenolic Nanofilms Obtained *via* Electrochemically Assisted Self-Assembly
A. Krywko-Cendrowska

NOTE

- 293 Structure Elucidation of a Cryptic Condensation Product from Diacetyl and Arylamine - Then and Now
L. Hintermann

COLUMNS, CONFERENCE REPORTS

- 298 SWISS SCIENCE CONCENTRATES
S.-M. Guo, A. Kudashev, T. Miyakoshi, M. Zuccarello, O. Baudoin
- 299 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
Age and Provenance Analysis from Micrograms of Artwork Pigments
S. Kradofer, L. Hendriks, T. Lombardo, V. Hubert, M. Küffner, N. Khandekar, I. Hajdas, B. Hattendorf, A. Synal, D. Günther*
- 300 CHEMICAL EDUCATION
Eloxieren und Färben von Kugelschreiberhülsen
R. Oberholzer
- 303 CONFERENCE REPORT
2nd Anglo-Swiss Symposium on 'Using Chemical Biology to Identify New Targets for Medicinal Chemistry', Basel, 4th February, 2020
S. Habeshian, M. Schüttel**

COMMUNITY NEWS

- 305 Swiss Chemical Society News
- 306 Honors, Awards, Appointments
- 307 Journal News
- 307 Industrial News

EVENTS

- 310 SCS Conferences and Symposia
- 314 Non-SCS Conferences in Switzerland
- 315 SCS Lectureships
- 315 Lectures May 2020
- 315 Further Education in Chemical Analysis