

International Journal for Chemistry

and

Official Membership Journal

of the Swiss Chemical Society (SCS)
and its Divisions

Divisions

Analytical Sciences	www.scg.ch/das
Fundamental Research	www.scg.ch/dfc
Industrial & Applied Chemistry	www.scg.ch/diac
Medicinal Chemistry & Chemical Biology	www.scg.ch/dmccb
Polymers, Colloids & Interfaces	www.scg.ch/dpci
Chemical Education	www.scg.ch/dce

Associated Society Members

GSASA	Swiss Soc. of Public Health and Hospital Pharmacists
SACC	Swiss Association of Computational Chemistry
SSFC	Swiss Society for Food Chemistry
SGMS	Swiss Group for Mass Spectrometry
VSN	Swiss Association of Science Teachers

VOL. 72 (2018)

Editorial Board

M. P. Brändle, Zürich
C. E. Housecroft, Basel
M. Koller, Köniz
E. P. Kündig, Geneva
R. W. Kunz, Zürich
N. Luedtke, Zurich
R. Marti, Fribourg
M. G. Schlageter, Basel
J. Stohner, Wädenswil
S. Sulzer-Mosse, Stein

Advisory Board

F. Merkt, Zürich (former DFR)
K.-H. Altmann, Zürich (DMCCB)
W. Jucker, Sisseln (DIAC)
G. Hopfgartner, Genève (DAS)
A. Baiker, Zürich
J. Bode, Zurich
E. Felder, Basel
K. Hungerbühler, Zürich
H.-A. Klok, Genève
C. Leumann, Bern
F. Marechal, Lausanne
V. R. Meyer, St. Gallen
M. Missbach, Basel
C. Nevado, Zurich
T. Weller, Allschwil

Editor-in-Chief

Prof. E. P. Kündig
University of Geneva
Department of Chemistry
30 Quai Ernest Ansermet
CH-1211 Geneva 4
E-Mail: Peter.Kundig@unige.ch

Chairman

Dr. Roland W. Kunz
Department of Chemistry
University of Zurich
Winterthurerstrasse 190
CH-8057 Zürich
Tel.: +41 44 980 44 84
E-Mail: roland.kunz@chem.uzh.ch

Managing Editor

Dr. Manuel Koller
Fuhrenstrasse 16
CH-3098 Schliern b. Köniz
Tel.: +41 31 971 58 48
Mobile: +41 79 596 71 02
E-Mail: koller_manuel@bluewin.ch

Technical Editor

Dr. Gillian Harvey
CHIMIA Technische Redaktion
Pestalozzistrasse 34
CH-8032 Zürich
Tel.: +41 44 262 65 46
E-Mail: chimia.tr@bluewin.ch

Design and Production, Printing and Mailing

FO-Zürisee
Gewerbestrasse 18
CH-8132 Egg bei Zürich
Tel.: +41 44 928 53 53
Fax: +41 44 928 53 54
E-Mail: info@fo-zuerisee.ch, www.fo-zuerisee.ch

Advertisements and CHIMIA-Report

Swiss Chemical Society
David Spichiger, Head Office
Haus der Akademien
Laupenstrasse 7
Postfach
CH-3001 Bern
Tel.: +41 31 306 92 92
E-Mail: info@scg.ch, www.scg.ch

Copyright by

Swiss Chemical Society
www.scg.ch

Frequency: Monthly

Annual Personal Subscription 2018

Switzerland (P+E edition) CHF 220.–
Foreign Countries (P+E edition) CHF 270.–
For members of the SCS personal subscription to CHIMIA is included in the membership fee.

Annual Institutional Subscription 2018

World Wide (printed plus electronic edition) CHF 520.–
World Wide (e-only edition) CHF 480.–

Single Issues

Switzerland (Mail charge incl.) CHF 35.–
Foreign Countries (Mail charge incl.) US\$ 35.–
Electronic Issue (via Ingentaconnect.com) US\$ 35.–

Single Articles

Single electronic articles via Ingenta.com US\$ 15.–
<http://www.ingentaconnect.com/>

Member and Subscriber Services

Swiss Chemical Society
Haus der Akademien
Laupenstrasse 7, Postfach
CH-3001 Bern
Tel.: +41 31 310 40 90
Fax: +41 31 310 40 29
E-Mail: info@scg.ch
www.scg.ch
IBAN CH8400230230105561600

Head Office of the Swiss Chemical Society

David Spichiger
Swiss Chemical Society
Haus der Akademien
Laupenstrasse 7
Postfach
CH-3001 Bern
Tel.: +41 31 306 92 91
E-Mail: info@scg.ch
www.scg.ch

Author Index

CHIMIA 72 (2018)

- Abe, S., see Murakami, M., Matsuda, T., 888
- Abram, S.-L., see Fromm, K. M., 249
- Achim, C., Sargun, A., Fang, Y., The Disobeying ‘Soldier’: Use of an Achiral Group to Modulate Chiral Induction in PNA Duplexes, 368
- Aebi, A., see Glauser, G., 254
- Aebischer, J., Conference Report: Swiss Youth in Science: Study Week in ‘Chemistry and Materials Science’, 255
- Aeppli, G., see Holler, M., 339
- Agrawal, K. V., Towards the Ultimate Membranes: Two-dimensional Nanoporous Materials and Films, 313
- Ahmad, N., see Erni, R., 727
- Alami, A. T., see Shahgaldian, P., 345
- Alberati, D., see Pinard, E., 477
- Alberto, R., Leisinger, U., Leutenegger, U., Teaching Fundamental Aspects of Natural and Artificial Photosynthesis in Higher Education, 16
- Alberto, R., Gerber, S., Emsley, L., Welcome to the SCS Fall Meeting 2018, 520
- Altmann, K., Medicinal Chemistry and Chemical Biology Highlights: Tumor Targeting with Small Molecule-Drug Conjugates (SMDCs) – Can They Be Better than ADCs? 154
- An, J., see Bandini, M., 610
- Anderson, E. A., Paton, R. S., Selectivity in Transition Metal-catalyzed Cyclizations: Insights from Experiment and Theory, 614
- Andlauer, W., Sprunger, A., Marmillod, I., Kosinska-Cagnazzo, A., FH-HES Universities of Applied Sciences: Bioactive Compounds of Juice and Peels of Yuzu Fruits Cultivated in Switzerland, 728
- Arae, S., see Irie, R., 892
- Arakawa, Y., Imada, Y., Yamanomoto, K., Kita, H., Minagawa, K., Enzyme-like Regiodivergent Behavior of a Flavopeptide Catalyst in Aerobic Baeyer-Villiger Oxidation, 866
- Arenz, M., NanoElectrocatalysis: From Basic Research to Applications in Energy Conversion, 276
- Arosio, P., Linsenmeier, M., Engineering Aspects of Protein Interactions and Self-assembly, 304
- Arseniyadis, S., Smietana, M., Challenges and Opportunities in DNA-based Asymmetric Catalysis, 630
- Arús-Pous, J., see Reymond, J.-L., 70
- Arvanitis, D., see de Miguel, J. J., 418
- Aschauer, U., Surface and Defect Chemistry of Oxide Materials, 286
- Auberson, Y., see von Schoultz, C., 817
- Avarivari, N., Cauchy, T., Pop, F., Cuny, J., Conformational Study and Chiroptical Properties of Chiral Dimethyl-Ethylenedithio-Tetrathiafulvalene (DM-EDT-TTF), 389
- Ayer, M. A., see Fromm, K. M., 902
- Badertscher, R., Freiburghaus, C., Wechsler, D., Irmeler, S., Highlights of Analytical Sciences in Switzerland: Enlightening the Lactate Degradation Processes in Cheese and Bacterial Cultures Using Phenylboronic Esterification and GC-MS, 647
- Baguia, H., see Evano, G., 621
- Baillie Gerritsen, V., see Zoete, V., 55
- Bandini, M., An, J., Gold-catalyzed De-aromatization Reactions, 610
- Baumann, A. L., see Hackenberger, C. P. R., 802
- Ben Dor, O., see Paltiel, Y., 379
- Beppu, S., see Irie, R., 892
- Berger, R., Isaev, T. A., Towards Ultracold Chiral Molecules, 375
- Berger, R., see Pitzer, M., Schöffler, M., 384
- Bernardes, G. J. L., Davies, S., Stenton, B. J., Bioorthogonal Decaging Reactions for Targeted Drug Activation, 771
- Beyrich-Graf, X., Editorial: Quality Aspects in Industrial Chemistry, 121
- Beyrich-Graf, X., Seltensperger, G., Quality Aspects in Production of Electronic Grade Chemicals in Multipurpose Plants, 130
- Bieri, S., Kölbener, P., Editorial: Food Analysis: Meat and Meat Products, 687
- Bieri, S., Swiss Society of Food Chemistry: Young Scientist Awards, 2019, 733
- Bigalke, M., Filella, M., Fischer, D., Muntwyler, A., Scheurer, M., Watts, B., Highlights of Analytical Sciences in Switzerland: Micro- and Nanoplastic Analysis in Soils, 901
- Biner, O., see von Ballmoos, C., 291
- Bissig, H., Tschannen, M., de Huu, M., Improving Process Quality by Means of Accurate and Traceable Calibration of Flow Devices with Process-oriented Liquids, 124
- Blatter, M.-C., see Zoete, V., 55
- Bobkov, M., Zbinden, P., Occurrence of Veterinary Drug Residues in Poultry and Products Thereof. A Review, 707
- Böckmann, A., see Yulikov, M., 216
- Bodo, A., see Hemberger, P., 227
- Borroni, E., see Pinard, E., 477
- Bourgeois, J.-P., Vorlet, O., FH-HES Universities of Applied Sciences: Low-cost Portable Raman Instrument, a Tool toward Counterfeit Medication Identification, 905
- Bower, J. F., Dalling, A. G., Synthesis of Nitrogen Heterocycles via Directed Carbonylative C–C Bond Activation of Cyclopropanes, 595
- Brem, S., see Brombacher, S., 146
- Brodard, P., Conference Report: STK Annual Meeting 2018, 667
- Brombacher, S., Tabersky, D., Woelfle, M., Ruess, J.-A., Brem, S., Recent Regulatory Trends in Pharmaceutical Manufacturing and their Impact on the Industry, 146
- Brühwiler, D., Reber, M. J., Zucchetto, N., FH-HES Universities of Applied Sciences: Synthesis of Advanced Mesoporous Materials by Partial Pseudomorphic Transformation, 158
- Bucher, H., DNA Traceability System for Meat: A National Project of the Swiss Meat Industry, 704
- Bunk, O., see Holler, M., 339
- Buscheck, T. E., see Ponsin, V., 69
- Cadalbert, R., see Yulikov, M., 216
- Carreira, E. M., Sievertsen, N., Apoc Social – A Mobile Interactive and Social Learning Platform for Collaborative Solving of Advanced Problems in Organic Chemistry, 43
- Cauchy, T., Avarivari, N., Pop, F., Cuny, J., Conformational Study and Chiroptical Properties of Chiral Dimethyl-Ethylenedithio-Tetrathiafulvalene (DM-EDT-TTF), 389
- Cavin, C., Cottenet, G., Cooper, K. M., Zbinden, P., Meat Vulnerabilities to Economic Food Adulteration Require New Analytical Solutions, 697
- Chapius, C., SCS Foundation: Meet & Greet 2018 of the Alfred Werner Scholars, 553
- Chen, L., see Fink, C., 165
- Chen, P., Gershoni-Poranne, R., Conference Report: The International Symposium on Reactive Intermediates and Unusual Molecules (ISRIUM), 666
- CHIMIA CHIMIA News, 1
- CHIMIA Instructions to Authors 2018, 2
- Cohen, Y., see Martocchia, D., 139
- Cooper, K. M., see Cavin, C., 697
- Cornella, J., O’Neill, M. J., A Perspective in Catalysis: Development of Efficient Methods in the Age of Sustainability, 601

- Correro, M. R., see Shahgaldian, P., 345
- Corvini, P., see Crelier, S., 652
- Cosandey, M. R., 50th International Chemistry Olympiad: A Bronze Medal for Switzerland, 736
- Cottenet, G., see Cavin, C., 697
- Crelier, S., Vorlet, O., Corvini, P., Liemann, P., FH-HES Universities of Applied Sciences: Environmental Sciences at Universities of Applied Sciences, 652
- Cui, W., see Tilley, S. D., 333
- Cuny, J., see Cauchy, T., Avarivari, N., 389
- D'Anna, M., Lubini, P., Adopting the Chemical Potential in the High School Curriculum: Why Not? 32
- Daina, A., see Zoete, V., 55
- Dalling, A. G., see Bower, J. F., 595
- Das, M., see Harutyunyan, S., 642
- Davies, S., see Bernardes, G. J. L., 771
- de Huu, M., see Bissig, H., 124
- De Luca, L., Mezzetti, A., Base-free Asymmetric Transfer Hydrogenation of 1,2-Di- and Monoketones Catalyzed by a Chiral Iron(II) Hydride, 233
- De Mesmaeker, A., Spichiger, D., Swiss Chemical Society Annual Report, 2017, 101
- De Mesmaeker, A., Editorial: SCS Laureates and Awards & Fall Meeting, 2018, 453
- de Miguel, J. J., Luque, F. J., Niño, M. Á., Spilisbury, M. J., Kowalik, I. A., Arvanitis, D., Enantiosensitive Bonding of Chiral Molecules on a Magnetic Substrate Investigated by Means of Electron Spectroscopies, 418
- Decurtins, S., Lüthi, H. P., Editorial: Laureates: Junior Prizes of the SCS Fall Meeting, 2017, 181
- Deldaele, C., see Evano, G., 621
- Deyle, K., see Heinis, C., 426
- Di Giannantonio, M., see Fromm, K. M., 902
- Diaz, A., see Holler, M., 339
- Dinapoli, R., see Holler, M., 339
- Doi, M., see Tanaka, M., 848
- Dorchies, O. M., Gayi, E., Nef, L. A., Ismail, H. M., Ruegg, U. T., Scapozza, L., Repurposing the Selective Oestrogen Receptor Modulator Tamoxifen for the Treatment of Duchenne Muscular Dystrophy, 238
- Dörner, R., see Pitzer, M., Schöffler, M., 384
- Dudal, Y., see Shahgaldian, P., 345
- Dümpelmann, R., Conference Report: «Wanted: Innovative Chemistry of Today, 2030 and Beyond», 74
- Dutta, S., see Gellmann, A. J., 404
- Edder, P., see Ortelli, D., 713
- Eichler, A., Gramlich, G., Kellerhals, T., Tobler, L., Rehren, T., Schwikowski, M., Highlights of Analytical Sciences in Switzerland: Ice-Core Evidence of Earliest Extensive Copper Metallurgy in the Andes 2700 Years ago, 152
- Emsley, L., Alberto, R., Gerber, S., Welcome to the SCS Fall Meeting 2018, 520
- Erni, R., Ahmad, N., Keller, D., Rossell, M. D., Polymer and Colloid Highlights: Liquid Phase Studies of Nanomaterials, 727
- Ernst, K. H., On the Density of Racemic and Homochiral Crystals: Wallach, Liebisch and Sommerfeld in Göttingen, 399
- EuChemS Chemistry in Europe – Newsletter for European Chemistry, 113, 358, 574, 918
- Evano, G., Deldaele, C., Michelet, B., Baguia, H., Kajouj, S., Romero, E., Moucheron, C., A General Copper-based Photoredox Catalyst for Organic Synthesis: Scope, Application in Natural Product Synthesis and Mechanistic Insights, 621
- Falcone, M., see Mazzanti, M., 199
- Fang, Y., see Achim, C., 368
- Fedorov, A., Mondelli, C., Conference Report: SCS Seminar 2018/1: Catalysis Across Scales, 822
- Feng, S., see Ji, J., 514
- Filella, M., see Bigalke, M., 901
- Fink, C., Vasilyev, D., Chen, L., Conference Report: SwissSnowSymposium 2018, 163
- Fischer, D., see Bigalke, M., 901
- Fishlock, D., Diodone, R., Hildbrand, S., Kuhn, B., Mössner, C., Peters, C., Rege, P. D., Rimpler, G., Schantz, M., Efficient Industrial Synthesis of the MDM2 Antagonist Idasanutlin via a Cu(I)-catalyzed [3+2] Asymmetric Cycloaddition, 492
- Flüeler, T., Die SimplyScience Stiftung, 11
- Flüeler, T., Chemical Education: SimplyNano-Experimentierkoffer und die Plattform Swiss Nano-Cube, 341
- Forster, F., see Oestreich, M., 584
- Freiburghaus, C., see Badertscher, R., 647
- Fromm, K. M., Abram, S.-L., Gagnon, J., Priebe, M., Héroult, N., Ag Nanocapsulation for Antimicrobial Applications, 249
- Fromm, K. M., Di Giannantonio, M., Ayer, M. A., Verde-Sesto, E., Lattuada, M., Weder, C., Polymer and Colloid Highlights: Metallocene as Mechano-phore in Polymers Leads to Metal Ion Release & Oxidation, 902
- Furusawa, M., see Irie, R., 892
- Gagnon, J., see Fromm, K. M., 249
- Ganguin, A. A., see von Ballmoos, C., 291
- García-Domínguez, A., see Nevado, C., 212
- Gaugg, M. T., On-line Breath Metabolomics in Respiratory Diseases Using Secondary Electrospray Ionization- Mass Spectrometry, 184
- Gayi, E., see Dorchies, O. M., 238
- Gellmann, A. J., Dutta, S., Enantiospecific Adsorption and Decomposition of D- and L-Asp Mixtures on Cu(643)^{RAS}, 404
- Gerber, S., Alberto, R., Emsley, L., Welcome to the SCS Fall Meeting 2018, 520
- Gershoni-Poranne, R., Kolleth, A., Conference Report: The 53rd EUCHEMS Conference on Stereochemistry: Bürgenstock Conference 2018, Brunnen, April 29th – May 3rd, 2018, 436
- Gershoni-Poranne, R., Chen, P., Conference Report: The International Symposium on Reactive Intermediates and Unusual Molecules (ISRIUM), 666
- Gillingham, D., Rasale, D., Direct and Selective Modification of RNA – An Open Challenge in Nucleic Acid Chemistry, 777
- Glauser, G., Mutabazi, A., Mulhauser, B., Mulot, M., Aebi, A., Mitchell, E., Highlights of Analytical Sciences in Switzerland: Three-quarters of World's Honey Contain Neonicotinoids, 254
- Godineau, E., Conference Report: Meet & Greet of the Alfred Werner Scholarships, 75
- Gonthier, J. F., Thirman, J., Head-Gordon, M., Understanding Non-Covalent Interactions: Correlated Energy Decomposition Analysis and Applications to Halogen Bonding, 193
- Gramlich, G., see Eichler, A., 152
- Griesshaber, D., see Ruppe, S., 547
- Gropp, C., Trapp, N., Complexation and Structure Elucidation of the Axial Conformers of Mono- and (±)-trans-1,2-Disubstituted Cyclohexanes by Enantiopure Alleno-Acetylenic Cage Receptors, 245
- Guizar-Sicairos, M., see Holler, M., 339
- Gundlach-Graham, A., Hendriks, L., Günther, D., Analysis of Inorganic Nanoparticles by Single-particle Inductively Coupled Plasma Time-of-Flight

- Mass Spectrometry, 221
- Gunkel-Grabole, G., see Meier, W., 548
- Günther, D., see Gundlach-Graham, A., 221
- Güntner, A. T., van den Broek, J., Highlights of Analytical Sciences in Switzerland: Analyzing Breath with Chemical Sensors, 425
- Hackenberger, C. P. R., Baumann, A. L., Modern Ligation Methods to Access Natural and Modified Proteins, 802
- Hagihara, M., see Ikawa, Y., 882
- Hahn, D., Lätsch, L., Conference Report: Chemtogether 2017 ETH Zürich, 72
- Hannedouche, J., Mechanistic Insights into First-row Late Transition Metal-catalysed (formal) Hydroamination of Unactivated Alkenes, 635
- Harutyunyan, S., Das, M., Synergistic Action of Copper Catalysts and Lewis Acids in Carbon–Carbon Bond Forming Reactions, 642
- Head-Gordon, M., see Gonthier, J. F., 193
- Hecht, K., Biotechnet: 10th Wädenswil Day of Life Sciences Hosts 2nd CCBio Symposium ‘Industrial Biocatalysis’, 661
- Heinis, C., Deyle, K., Medicinal Chemistry and Chemical Biology Highlights: Drugs Based on *de novo*-developed Peptides are Coming of Age, 426
- Heinis, C., see von Schoultz, C., 817
- Heinzelmann, E., Biotechnet: The New, Stringent MDR and IVDR Regulations: Viewing this Change as an Opportunity, 430
- Heinzelmann, E., Biotechnet: Where Do Personalized Health Care Technologies Stand Today? 657
- Hemberger, P., Bodi, A. Photoelectron Photoion Coincidence Spectroscopy to Unveil Reaction Mechanisms by Isomer-selective Detection of Elusive Molecules: From Combustion to Catalysis, 227
- Hendriks, L., see Gundlach-Graham, A., 221
- Hérault, N., see Fromm, K. M., 249
- Hesticová, M., Directed Evolution of Artificial Metalloenzymes: Genetic Optimization of the Catalytic Activity, 189
- Holler, M., Guizar-Sicairos, M., Tsai, E. H. R., Odstrcil, M., Dinapoli, R., Müller, E., Diaz, A., Bunk, O., Raab, J., Aeppli, G., Highlights of Analytical Sciences in Switzerland: High-resolution, Non-destructive X-ray Tomography, 339
- Housecroft, C. E., Integrating Chemistry: Crossing the Millennium Divide, 36
- Housecroft, C. E., Chemical Education: Tolerating Toxins: Grasshoppers that Feast on Pyrrolizidine Alkaloids, 156
- Housecroft, C. E., Chemical Education: Geckos, Ceilings and van der Waals, 428
- Housecroft, C. E., Chemical Education: Carnivores’ Teeth: Inorganic Materials in Action, 650
- Housecroft, C. E., Chemical Education: Protecting the Eggs of a Praying Mantis: Natural Biomaterials, 819
- Huang, J., see Ji, J., 514
- Hunkeler, D., see Ponsin, V., 69
- Igawa, K., see Irie, R., 892
- Ikawa, Y., Nozawa, Y., Hagihara, M., Matsumura, S., Modular Architecture of Bacterial RNase P Ribozymes as a Structural Platform for RNA Nanostructure Design, 882
- Imada, Y., Arakawa, Y., Yamanomoto, K., Kita, H., Minagawa, K., Enzyme-like Regiodivergent Behavior of a Flavopeptide Catalyst in Aerobic Baeyer-Villiger Oxidation, 866
- Irie, R., Arae, S., Furusawa, M., Beppu, S., Igawa, K., Tomooka, K., Vinylidene *ortho*-Quinone Methides: Unique Chiral Reaction Intermediates in Catalytic Asymmetric Synthesis, 892
- Irmeler, S., see Badertscher, R., 647
- Isaev, T. A., see Berger, R., 375
- Ishibashi, K., see Matsubara, S., 853
- Ismail, H. M., see Dorchie, O. M., 238
- Itabashi, K., see Kimura, S., 842
- Itagaki, T., see Kimura, S., 842
- Ito, H., see Murakami, M., Matsuda, T., 888
- Jaeschke, G., Medicinal Chemistry and Chemical Biology Highlights: News from DMCCB – Targeted Protein Degradation, 903
- Jaun, B., see Thilgen, C., 48
- Javor, S., Meier, K., Conference Report: DMCCB Basel Symposium 2018: Novel Chemical Space and Tools for Chemical Biology, Medicinal and Agrochemistry, 907
- Jenelten, U., see Martocchia, D., 139
- Jerphagnon, T., see Martocchia, D., 139
- Jeschke, G., see Yulikov, M., 216
- Ji, C., see Ji, J., 514
- Ji, J., Feng, S., Li, Y., Liu, H., Huang, J., Ji, C., Qiao, L., Liu, B., Mesoporous Silica for Triphase Nucleophilic Substitution Reactions, 514
- Juríček, M., The Three C’s of Cethrene, 322
- Kajouj, S., see Evano, G., 621
- Kammerer, F., see Zehring, M., 726
- Kato, Y., see Matsubara, S., 853
- Keller, D., see Erni, R., 727
- Keller, K., see Yulikov, M., 216
- Kellerhals, T., see Eichler, A., 152
- Kimura, S., Itagaki, T., Ueda, Y., Itabashi, K., Uji, H., Joining Nanotubes Comprising Nucleobase-carrying Amphiphilic Polypeptides, 842
- Kirikae, H., see Murakami, M., Matsuda, T., 888
- Kita, H., see Arakawa, Y., Imada, Y., 866
- Kittaka, A., Creation of Potent Vitamin D Receptor Agonists and Antagonists with 2 α -(ω -Hydroxyalkylation) Concept to the seco-Steroid Skeleton, 859
- Knowles, R. R., Rauch, M. P., Applications and Prospects for Triplet-Triplet Annihilation Photon Upconversion, 501
- Koerner, A., see Pinard, E., 477
- Kölbener, P., Bieri, S., Editorial: Food Analysis: Meat and Meat Products, 687
- Kolleth, A., Gershoni-Proanne, R., Conference Report: The 53rd EUCHEMS Conference on Stereochemistry: Birmensdorf Conference 2018, Brunnen, April 29th – May 3rd, 2018, 436
- Kopanska, K. S., Raghunath, M., Rimann, M., Laternser, S., Biotechnet: 76 TEDD Annual Meeting with 3D Bioprinting Workshop, 76
- Kosińska-Cagnazzo, A., see Andlauer, W., 728
- Kowalik, I. A., see de Miguel, J. J., 418
- Kramer, F., see Zehring, M., 726
- Kruse, K., Sugihara, K., Conference Report: 2018 International Symposium on Chemical Biology of the NCCR Chemical Biology Campus Biotech, Geneva 10.–12.01.2018, 160
- Kündig, E. P., Editorial: News from New Chemistry Professors in Switzerland, 273
- Ladame, S., Pavagada, S., Platforms for Bioorthogonal Oligonucleotide-templated Reactions: Translating Concepts into Devices, 809
- Langlois, I., see Ruppe, S., 547
- Laternser, S., Raghunath, M., Rimann, M., Kopanska, K. S., Biotechnet: 76 TEDD Annual Meeting with 3D Bioprinting Workshop, 76
- Lätsch, L., Hahn, D., Conference Report: Chemtogether 2017 ETH Zürich, 72
- Lattuada, M., see Fromm, K. M., 902
- Lei, X., Xiao, F., Zhang, X., Recent Developments and Applications of Photoconjugation Chemistry, 782
- Leisinger, U., see Alberto, R., 16

- Leutenegger, U., see Alberto, R., 16
- Li, G., see Shoda, S., 874
- Li, Y., see Ji, J., 514
- Lienemann, P., see Crelier, S., 652
- Lightfoot, H., see Sedelmeier, G., Sedelmeier, J., 518
- Lin, Q., Tian, Y., Recent Development of Photo-Cross-Linkers as Tools for Biomedical Research, 758
- Lindberg, E., see Saarbach, J., Winssinger, N., 207
- Linsenmeier, M., see Arosio, P., 304
- Lipscher, J., Chemistry and Art, 27
- Liu, B., see Ji, J., 514
- Liu, H., see Ji, J., 514
- Luber, S., Dynamic *ab initio* Methods for Vibrational Spectroscopy, 328
- Luber, S., Advancing Computational Approaches for Study and Design in Catalysis, 508
- Lubini, P., D'Anna, M., Adopting the Chemical Potential in the High School Curriculum: Why Not? 32
- Lucarini, F., Ruggi, A., Heptacoordinate Co(II) Catalyst for Light-driven Hydrogen Production in Fully Aqueous Medium, 203
- Luedtke, N. W., Johnson, A., Karimi, A., Lin, C. L., Schreier, V., Loehr, M. O., Swiss Science Concentrates, 68, 151, 253, 338, 424, 546, 646, 725, 815, 900
- Luque, F. J., see de Miguel, J. J., 418
- Lüthi, H. P., Togni, A., Editorial: Chemical Education, 6
- Lüthi, H. P., Decurtins, S., Editorial: Laureates: Junior Prizes of the SCS Fall Meeting 2017, 181
- Lutz, H., see Martoccia, D., 139
- Maier, A., Volkmer, T., Spichiger, D., Conference Report: Clariant Chemistry Day 2018, 908
- Mamula Steiner, O., Chemical Education: Teaching Science: A Game for Robotics? 549
- Marmillod, I., see Andlauer, W., 728
- Martínez-Calvo, M., Mascareñas, J. L., Transition Metal-mediated Reactions in Biological Media, 791
- Martoccia, D., Lutz, H., Cohen, Y., Jerphagnon, T., Jenelten, U., FT-NIR: A Tool for Process Monitoring and More, 139
- Mascareñas, J. L., Martínez-Calvo, M., Transition Metal-mediated Reactions in Biological Media, 791
- Matsubara, S., Ishibashi, K., Maung, G. Y. T., Morota, Y., Umemura, T., Kato, Y., H/D Exchange Using Hot Heavy Water, 853
- Matsuda, T., Murakami, M., Abe, S., Ito, H., Tsuboi, T., Kirikae, H., Synthesis of Fused and Linked Benzofurans from 2-Alkynylphenol Derivatives through Rhodium(i)-catalyzed Domino-type Addition Reactions, 888
- Matsumura, S., see Ikawa, Y., 882
- Maturi, M. M., see Suzuki, K., 870
- Maung, G. Y. T., see Matsubara, S., 853
- Mazacek, J., see Ruppe, S., 547
- Mazet, C., Editorial: Organometallics and Catalysis, 577
- Mazzanti, M., Falcone, M., Four-electron Reduction and Functionalization of N₂ by a Uranium(III) Bridging Nitride, 199
- Medina, E., Mujica, V., Varela Salazar, S., Spin-orbit Coupling Modulation in DNA by Mechanical Deformations, 411
- Meeuwse, M., The Use of Lean Six Sigma Methodology in Increasing Capacity of a Chemical Production Facility at DSM, 133
- Meier, B. H., see Yulikov, M., 216
- Meier, K., see Javor, S., 907
- Meier, W., Gunkel-Grabole, G., Polymer and Colloid Highlights: Biomimetic Polymer Architectures, 548
- Merz, L., SCNAT: Elections to the SCNAT «Platform Chemistry» Board, 169
- Merz, L., Zoppe, J. O., Riniker, S., SCNAT: 11th Young Faculty Meeting, 5th June 2018, 550
- Merz, L., SCNAT: 2018 Chemistry Travel Award by SCNAT and SCS, 554
- Merz, T., Spichiger, D., Conference Report: Symposium on Process Analytical Technology (PAT) at ILMAC Lausanne 2018, 824
- Mezzetti, A., see De Luca, L., 233
- Michelet, B., see Evano, G., 621
- Minagawa, K., see Arakawa, Y., Imada, Y., 866
- Mitchell, E., see Glauser, G., 254
- Mondelli, C., Fedorov, A., Conference Report: SCS Seminar 2018/1: Catalysis Across Scales, 822
- Morota, Y., see Matsubara, S., 853
- Moucheron, C., see Evano, G., 621
- Mujica, V., Medina, E., Varela Salazar, S., Spin-orbit Coupling Modulation in DNA by Mechanical Deformations, 411
- Mulhauser, B., see Glauser, G., 254
- Müller, E., see Holler, M., 339
- Müller, M. T., Chemistry Cube Game – Exploring Basic Principles of Chemistry by Turning Cubes, 62
- Mulot, M., see Glauser, G., 254
- Muntwyler, A., see Bigalke, M., 901
- Murakami, M., Editorial: Chemistry Ties Linking Japan to Switzerland, 839
- Murakami, M., Matsuda, T., Abe, S., Ito, H., Tsuboi, T., Kirikae, H., Synthesis of Fused and Linked Benzofurans from 2-Alkynylphenol Derivatives through Rhodium(i)-catalyzed Domino-type Addition Reactions, 888
- Mutabazi, A., see Glauser, G., 254
- Naaman, R., Paltiel, Y., Waldeck, D. H., Chirality and Spin: A Different Perspective on Enantioselective Interactions, 394
- Nakatani, H., see Tanaka, M., 848
- Nef, L. A., see Dorchie, O. M., 238
- Nesvadba, P., Radicals and Polymers, 456
- Netscher, T., Vitamins and Nutraceuticals from the Perspective of Process Research, 485
- Neuhaus, F., see Zumbuehl, A., 153
- Neumann, K. T., see Skrydstrup, T., 606
- Nevado, C., García-Domínguez, A., Transforming Olefins into Dinucleophiles, 212
- Nielsen, D. U., see Skrydstrup, T., 606
- Niño, M. Á., see de Miguel, J. J., 418
- Noguchi, M., see Shoda, S., 874
- Nozawa, Y., see Ikawa, Y., 882
- Nyström, G., Polymer and Colloid Highlights: Assembly, Aggregation and Gelation in Nanocellulose Dispersions, 340
- O'Neill, M. J., see Cornella, J., 601
- Oba, M., see Tanaka, M., 848
- Odstrcil, M., see Holler, M., 339
- Oestreich, M., Forster, F., Bioinspired Catalytic Generation of Main-group Electrophiles by Cooperative Bond Activation, 584
- Ohldag, H., see Paltiel, Y., 379
- Ohmori, K., see Suzuki, K., 870
- Ortelli, D., Staub Spörri, A., Edder, P., Veterinary Drug Residue in Food of Animal Origin in Switzerland: A Health Concern? 713
- Paltiel, Y., Ben Dor, O., Yochelis, S., Ohldag, H., Optical Chiral Induced Spin Selectivity XMCD Study, 379
- Paltiel, Y., see Naaman, R., 394
- Paton, R. S., see Anderson, E. A., 614
- Pavagada, S., see Ladame, S., 809
- Pfeifer, M. E., Biotechnet: Quo Vadis Point-of-Care Diagnostics? Report II of the Swiss Symposium in Point-of-Care Diagnostics 2017, 80

- Piel, J., Probst, S. I., Vogel, C., Vorholt, J. A., Highlights of Analytical Sciences in Switzerland: Genome Mining-guided and MALDI Imaging-assisted Discovery of New Antibiotics, 816
- Pinard, E., Borroni, E., Koerner, A., Umbricht, D., Alberati, D., Glycine Transporter Type I (GlyT1) Inhibitor, Bitopertin: A Journey from Lab to Patient, 477
- Pitzer, M., Schöffler, M., Berger, R., Stohner, J., Dörner, R., Investigating Absolute Stereochemical Configuration with Coulomb Explosion Imaging, 384
- Ponsin, V., Buscheck, T. E., Hunkeler, D., Highlights of Analytical Sciences in Switzerland: How to Apply Compound-Specific Isotope Analysis to Complex Environmental Samples, 69
- Pop, F., see Cauchy, T., Avarivari, N., 389
- Prabhakar, R. R., see Tilley, S. D., 333
- Priebe, M., see Fromm, K. M., 249
- Probst, D., see Reymond, J.-L., 70
- Probst, S. I., see Piel, J., 816
- Qiao, L., see Ji, J., 514
- Quack, M., Stohner, J., Editorial: Chirality - Symmetries and Asymmetries, 365
- Quintard, A., Rodriguez, J., Discovery of Eco-compatible Synthetic Paths by a Multi-catalysis Approach, 580
- Raab, J., see Holler, M., 339
- Raghunath, M., Rimann, M., Kopanska, K. S., Laternser, S., Biotechnet Switzerland: 76 TEDD Annual Meeting with 3D Bioprinting Workshop, 76
- Rasale, D., see Gillingham, D., 777
- Rauch, M. P., see Knowles, R. R., 501
- Reber, M. J., see Brühwiler, D., 158
- Rehren, T., see Eichler, A., 152
- Reymond, J.-L., Arús-Pous, J., Probst, D., Medicinal Chemistry and Chemical Biology Highlights: Deep Learning Invades Drug Design and Synthesis, 70
- Richardson, J. O., Understanding Chemical Reactions Beyond Transition-State Theory, 309
- Richina, F., see Shahgaldian, P., 345
- Rimann, M., Raghunath, M., Kopanska, K. S., Laternser, S., Biotechnet: 76 TEDD Annual Meeting with 3D Bioprinting Workshop, 76
- Rimann, M., Biotechnet: ZHAW Waedenswil: A new Approach in the Fight against Cancer, 166
- Riniker, S., Zoppe, J. O., Merz, L., SC-NAT: 11th Young Faculty Meeting, 5th June 2018, 550
- Rivera-Fuentes, P., see Tirla, A., 241
- Rivera-Fuentes, P., Thiel, Z., Photochemically Active Dyes for Super-Resolution Microscopy, 764
- Rodriguez, J., see Quintard, A., 580
- Romero, E., see Evano, G., 621
- Rossell, M. D., see Erni, R., 727
- Ruegg, U. T., see Dorchies, O. M., 238
- Ruess, J.-A., see Brombacher, S., 146
- Ruggi, A., Lucarini, F., Heptacoordinate Co(II) Catalyst for Light-driven Hydrogen Production in Fully Aqueous Medium, 203
- Ruppe, S., Griesshaber, D., Langlois, I., Singer, H. P., Mazacek, J., Highlights of Analytical Sciences in Switzerland: Detective Work on the Rhine River in Basel – Finding Pollutants and Polluters, 547
- Saarbach, J., Winssinger, N., Lindberg, E., Ruthenium-based Photocatalysis in Templated Reactions, 207
- Sargun, A., see Achim, C., 368
- Scapozza, L., see Dorchies, O. M., 238
- Scheurer, M., see Bigalke, M., 901
- Schick, T., see von Ballmoos, C., 291
- Schöffler, M., Pitzer, M., Berger, R., Stohner, J., Dörner, R., Investigating Absolute Stereochemical Configuration with Coulomb Explosion Imaging, 384
- Schwikowski, M., see Eichler, A., 152
- SCS Foundation Alfred Werner Fund, Master's Student Scholarships, 668
- Sedelmeier, G., Sedelmeier, J., Lightfoot, H., WHO Listed Small Molecule Kinase Inhibitors 2001-2017 (with Poster enclosure), 518
- Sedelmeier, J., Sedelmeier, G., Lightfoot, H., WHO Listed Small Molecule Kinase Inhibitors 2001-2017 (with Poster enclosure), 518
- Seltensperger, G., see Beyrich-Graf, X., 130
- Sennhauser, H., Exzellenz in der Bildung für eine innovative Schweiz: Die Position des Wirtschaftsdachverbandes Chemie Pharma Biotech, 7
- Serizawa, K., see Shoda, S., 874
- Shahgaldian, P., Alami, A. T., Richina, F., Correro, M. R., Dudal, Y., FH-HES Universities of Applied Sciences: Surface Immobilization and Shielding of a Transaminase Enzyme for the Stereoselective Synthesis of Pharmaceutically Relevant Building Blocks, 345
- Shoda, S., Li, G., Noguchi, M., Serizawa, K., Chemistry of 1,2-Anhydro Sugars, 874
- Sievertsen, N., Carreira, E. M., Apoc Social – A Mobile Interactive and Social Learning Platform for Collaborative Solving of Advanced Problems in Organic Chemistry, 43
- Singer, H. P., see Ruppe, S., 547
- Sirockin, F., Stiefl, N., Medicinal Chemistry and Chemical Biology Highlights: Practical Aspects of Machine Learning for the Design-Synthesis-Purify-Assay Workflow, 648
- Skrydstrup, T., Nielsen, D. U., Neumann, K. T., New Directions in Transition Metal Catalyzed Carbonylation Chemistry, 606
- Smietana, M., Arseniyadis, S., Challenges and Opportunities in DNA-based Asymmetric Catalysis, 630
- Spichiger, D., De Mesmaeker, A., Swiss Chemical Society Annual Report 2017, 101
- Spichiger, D., Open Science: Strategy and Policies by the Swiss National Science Foundation (SNSF) Open Science in Switzerland, 342
- Spichiger, D., Merz, T., Conference Report: Symposium on Process Analytical Technology (PAT) at ILMAC Lausanne 2018, 824
- Spichiger, D., Maier, A., Volkmer, T., Conference Report: Clariant Chemistry Day 2018, 908
- Spilsbury, M. J., see de Miguel, J. J., 418
- Sprunger, A., see Andlauer, W., 728
- Staub Spörri, A., see Ortelli, D., 713
- Stenton, B. J., see Bernardes, G. J. L., 771
- Stiefl, N., Sirockin, F., Medicinal Chemistry and Chemical Biology Highlights: Practical Aspects of Machine Learning for the Design-Synthesis-Purify-Assay Workflow, 648
- Stohner, J., Quack, M., Editorial: Chirality - Symmetries and Asymmetries, 365
- Stohner, J., see Pitzer, M., Schöffler, M., 384
- Sugihara, K., Kruse, K., Conference Report: 2018 International Symposium on Chemical Biology of the NCCR Chemical Biology Campus Biotech, Geneva 10.–12.01.2018, 160
- Suter, M. J.-F., Conference Report: CHANALYSIS 2018. Beatenberg, April 12.–13., 2018, 434
- Suzuki, K., Maturi, M. M., Ohmori, K., Synthesis of Oxygenated *ortho*-Methylbenzaldehydes via Aryne [2+2] Cycloaddition and Benzocyclobutenol Ring Opening, 870

- Tabersky, D., see Brombacher, S., 146
- Tanaka, M., Yakabi, H., Nakatani, H., Ueda, A., Doi, M., Oba, M., Helical Structures of Cyclopentenebased α,α -Disubstituted α -Amino Acid Homopeptides, 848
- Tausch, M. W., Bildung für das Lehramt Chemie in Deutschland. Didaktik bereits im Studium, 13
- Tausch, M. W., Mehr Licht im Chemieunterricht! Experimentelle Zugänge zu Grundkonzepten der Photochemie, 23
- Therrien, B., Conference Report: SCS Spring Meeting 2018: «Bioinspired Chemistry» University of Neuchâtel, April 6, 2018, 432
- Thiel, Z., see Rivera-Fuentes, P., 764
- Thilgen, C., Jaun, B., Challenges in Creating Online Exercises and Exams in Organic Chemistry, 48
- Thirman, J., see Gonthier, J. F., 193
- Tian, Y., see Lin, Q., 758
- Tilley, S. D., Prabhakar, R. R., Cui, W., New Earth-abundant Materials for Large-scale Solar Fuels Generation, 333
- Tirla, A., Rivera-Fuentes, P., Induction of Intracellular Reductive Stress with a Photoactivatable Phosphine Probe, 241
- Tobler, L., see Eichler, A., 152
- Togni, A., Lüthi, H. P., Editorial: Chemical Education, 6
- Tomooka, K., see Irie, R., 892
- Trapp, N., see Gropp, C., 245
- Tsai, E. H. R., see Holler, M., 339
- Tschannen, M., see Bissig, H., 124
- Tsuboi, T., see Murakami, M., Matsuda, T., 888
- Turesky, R. J., Mechanistic Evidence for Red Meat and Processed Meat Intake and Cancer Risk: A Follow-up on the International Agency for Research on Cancer Evaluation of 2015, 718
- Ueda, A., see Tanaka, M., 848
- Ueda, Y., see Kimura, S., 842
- Uji, H., see Kimura, S., 842
- Umbricht, D., see Pinard, E., 477
- Umemura, T., see Matsubara, S., 853
- van den Broek, J., see Güntner, A. T., v425
- Varela Salazar, S., see Mujica, V., Medina, E., 411
- Vasilyev, D., see Fink, C., 165
- Verde-Sesto, E., see Fromm, K. M., 902
- Vogel, C., see Piel, J., 816
- Volkmer, T., Spichiger, D., Maier, A., Conference Report: Clariant Chemistry Day 2018, 908
- von Ballmoos, C., Biner, O., Schick, T., Ganguin, A. A., Towards a Synthetic Mitochondrion, 291
- von Reuss, S. H., Exploring Modular Glycolipids Involved in Nematode Chemical Communication 297
- von Schoultz, C., Heinis, C., Auberson, Y., Medicinal Chemistry and Chemical Biology Highlights: Partnership of DMCCB and LS², 817
- Vorholt, J. A., see Piel, J., 816
- Vorlet, O., see Crelier, S., 652
- Vorlet, O., see Bourgeois, J.-P., 905
- Wagmann, M., see Zehringer, M., 726
- Waldeck, D. H., see Naaman, R., 394
- Watts, B., see Bigalke, M., 901
- Wechsler, D., see Badertscher, R., 647
- Weder, C., see Fromm, K. M., 902
- Wiegand, T., see Yulikov, M., 216
- Winssinger, N., Saarbach, J., Lindberg, E., Ruthenium-based Photocatalysis in Templated Reactions, 207
- Winssinger, N., Editorial: Bioorthogonal Chemistry, 755
- Woelfle, M., see Brombacher, S., 146
- Xiao, F., see Lei, X., 782
- Yakabi, H., see Tanaka, M., 848
- Yamanomoto, K., see Arakawa, Y., Imada, Y., 866
- Yochelis, S., see Paltiel, Y., 379
- You, S., Zhanga, X., THQphos in Ir-catalyzed Asymmetric Allylic Substitution Reactions, 589
- Yulikov, M., Keller, K., Wiegand, T., Cadalbert, R., Meier, B. H., Böckmann, A., Jeschke, G., High-spin Metal Centres in Dipolar EPR Spectroscopy, 216
- Zbinden, P., see Cavin, C., 697
- Zbinden, P., see Bobkov, M., 707
- Zehringer, M., Kramer, F., Kammerer, F., Wagmann, M., Highlights of Analytical Sciences in Switzerland: Radionuclides in Human Hair of Swiss People, 726
- Zennegg, M., Dioxins and PCBs in Meat – Still a Matter of Concern? 690
- Zhang, X., see Lei, X., 782
- Zhanga, X., see You, S., 589
- Zoete, V., Daina, A., Blatter, M.-C., Baillie Gerritsen, V., Educational Tools to Introduce Computer-Aided Drug Design to Students and to the Public at Large, 55
- Zoppe, J. O., Riniker, S., Merz, L., SC-NAT: 11th Young Faculty Meeting, 5th June 2018, 550
- Zucchetto, N., see Brühwiler, D., 158
- Zumbuehl, A., Neuhaus, F., Polymer and Colloid Highlights: Understanding Vesicle Origami, 153

CHIMIA

www.chimia.ch

International Journal for Chemistry

and

Official Membership Journal

of the Swiss Chemical Society (SCS)
and its Divisions

Divisions

Analytical Sciences	www.scg.ch/das
Fundamental Research	www.scg.ch/dfr
Industrial & Applied Chemistry	www.scg.ch/diac
Medicinal Chemistry & Chemical Biology	www.scg.ch/dmccb
Polymers, Colloids & Interfaces	www.scg.ch/dpci
Chemical Education	www.scg.ch/dce

Associated Society Members

GSASA	Swiss Soc. of Public Health and Hospital Pharmacists
SACC	Swiss Association of Computational Chemistry
SSFC	Swiss Society for Food Chemistry
SGMS	Swiss Group for Mass Spectrometry
VSN	Swiss Association of Science Teachers

Editorial Board

M. P. Brändle, Zürich
C. E. Housecroft, Basel
M. Koller, Köniz
E. P. Kündig, Geneva
R. W. Kunz, Zürich
N. Luedtke, Zurich
R. Marti, Fribourg
M. G. Schlageter, Basel
J. Stohner, Wädenswil
S. Sulzer-Mosse, Stein

Advisory Board

F. Merkt, Zürich (former DFR)
K.-H. Altmann, Zürich (DMCCB)
W. Jucker, Sisseln (DIAC)
G. Hopfgartner, Genève (DAS)
A. Baiker, Zürich
J. Bode, Zurich
E. Felder, Basel
K. Hungerbühler, Zürich
H.-A. Klok, Genève
C. Leumann, Bern
F. Marechal, Lausanne
V. R. Meyer, St. Gallen
M. Missbach, Basel
C. Nevado, Zurich
T. Weller, Allschwil

Editor-in-Chief

Prof. E. P. Kündig
University of Geneva
Department of Chemistry
30 Quai Ernest Ansermet
CH-1211 Geneva 4
E-Mail: Peter.Kundig@unige.ch

Chairman

Dr. Roland W. Kunz
Department of Chemistry
University of Zurich
Winterthurerstrasse 190
CH-8057 Zürich
Tel.: +41 44 980 44 84
E-Mail: roland.kunz@chem.uzh.ch

Managing Editor

Dr. Manuel Koller
Fuhrenstrasse 16
CH-3098 Schliern b. Köniz
Tel.: +41 31 971 58 48
Mobile: +41 79 596 71 02
E-Mail: koller_manuel@bluewin.ch

Technical Editor

Dr. Gillian Harvey
CHIMIA Technische Redaktion
Pestalozzistrasse 34
CH-8032 Zürich
Tel.: +41 44 262 65 46
E-Mail: chimia.tr@bluewin.ch

Design and Production, Printing and Mailing

FO-Zürisee
Gewerbestrasse 18
CH-8132 Egg bei Zürich
Tel.: +41 44 928 53 53
Fax: +41 44 928 53 54
E-Mail: info@fo-zuerisee.ch, www.fo-zuerisee.ch

Advertisements and CHIMIA-Report

Swiss Chemical Society
David Spichiger, Head Office
Haus der Akademien
Laupenstrasse 7
Postfach
CH-3001 Bern
Tel.: +41 31 306 92 92
E-Mail: info@scg.ch, www.scg.ch

Copyright by

Swiss Chemical Society
www.scg.ch

Frequency: Monthly

Annual Personal Subscription 2018

Switzerland (P+E edition) CHF 220.–
Foreign Countries (P+E edition) CHF 270.–
For members of the SCS personal subscription to CHIMIA is included in the membership fee.

Annual Institutional Subscription 2018

World Wide (printed plus electronic edition) CHF 520.–
World Wide (e-only edition) CHF 480.–

Single Issues

Switzerland (Mail charge incl.) CHF 35.–
Foreign Countries (Mail charge incl.) US\$ 35.–
Electronic Issue (via Ingentaconnect.com) US\$ 35.–

Single Articles

Single electronic articles via Ingenta.com US\$ 15.–
<http://www.ingentaconnect.com/>

Member and Subscriber Services

Swiss Chemical Society
Haus der Akademien
Laupenstrasse 7, Postfach
CH-3001 Bern
Tel.: +41 31 310 40 90
Fax: +41 31 310 40 29
E-Mail: info@scg.ch
www.scg.ch
IBAN CH8400230230105561600

Head Office of the Swiss Chemical Society

David Spichiger
Swiss Chemical Society
Haus der Akademien
Laupenstrasse 7
Postfach
CH-3001 Bern
Tel.: +41 31 306 92 91
E-Mail: info@scg.ch
www.scg.ch