Index 2018

Bookworm

Arene Chemistry: Reaction Mechanisms and Methods for Aromatic Compounds 42(3)

Chemistry Teacher International, best practices in chemistry education 39(3)

Glossary of Terms Used in Toxicology 38(3)

IUPAC Silver book—corrigendum 45(2)

"Speciation" Chemistry: Overdue for a Resurgence 44(2) The IUPAC Green Book in Portuguese 41(3)

Conference Call

Advanced Materials(POLYCHAR2017) 51(2)

Advanced Polymers via Macromolecular Engineering 41(1) Bioorganic Chemistry in an Interdisciplinary Context 54(2)

Chemistry and the Environment 46(2)

Chemistry for Beauty and Health 42(4)

Chemistry within Planetary Boundaries 42(1)

Colloquium Spectroscopicum Internationale XL 38(1)

Croatian Meeting of Chemists 48(3)

Crossing Divides—Science Towards Peace in the Middle East 51(3)

From Thailand to Spain 43(4)

Innovative New Technologies for Chemical Security, Safety and Health 37(1)

Photonics: Science for Applications

Polymers and Organic Materials for Electronics and 42(4)

Polymers: Design, Function, and Application 41(4)

Postgraduate Summer School on Green Chemistry 38(4) Potential Impact of Pesticides on Environment and

Human Health 46(3)

Trans-Mediterranean Colloquium on Heterocyclic Chemistry 46(3)

Features

150 Years of Chemical Society in Germany by Wolfram Koch 15(1)

Australia and IUPAC by Thomas H. Spurling and John M. Webb 10(1)

Bonding the World with Chemistry by Ekasith Somsook 4(1)

Chemistry and Cultural Heritage by Maria J. Melo, Austin Nevin and Piero Baglioni 20(2)

Chemistry for the Future Solvay Prize 6(4)

Chemistry of Small Spaces by Susumu Kitagawa 4(4)

Chemistry in a Multidisciplinary, Interdisciplinary World by Chris Ober and Hemda Garelick 7(3)

Chemistry in Senegal: Between Skepticism and Hope by Modou Fall, Serigne Amadou Ndiaye, and Mayoro Diop 18(3)

Chemistry: The Driving Force for Emerging Technologies by Michael Droescher 14(4)

Everything Flows by Volker Hessel 12(2)

Green Chemistry for Sustainable Development by Pietro Tundo and Elena Griguol 18(1)

Health for All in Dhaka by Leiv K. Sydnes 17(2)

IUPAC and IYCN: Forging New Connections to Support Younger Chemists Worldwide by Lori Ferrins, Evijola Llabani, and Christine Dunne 11(3)

IUPAC in the (real) clouds—40 years of evaluating atmosphericchemistry data by Timothy J. Wallington 10(4)

IUPAC Offers an Open Door to Chemists of the World—a Program Revisited by Colin J. Humphris 26(2)

Jamaican Chemists in Early Global Communicationby Robert Lancashire 5(2)

Preprints and Scholarly Communication in Chemistry: A look at ChemRxiv by Bonnie Lawlor 18(4)

The Future of the Chemical Sciences—Preparing for an Uncertain Future by Alejandra Palermo 4(3)

The Gender Gap in Science by Mei-Hung Chiu, Marie-Françoise Roy, and Hongming Liaw 14(3)

IUPAC Wire

2018 Hall of Fame Inductees Announced—ACS Division of Medicinal Chemistry 25(4)

2018 IUPAC-ThalesNano Prize in Flow Chemistry and Microfluidics—Call For Nominations 25(1)

2019 IUPAC-Solvay International Award for Young Chemists—call for applicants 24(4)

Andreas Walther receives the Hanwha-Total IUPAC Young Scientist Award 2018 27(3)

Chris Brett awarded the medal of CCS 28(3)

Expressions of Intent to host IUPAC 2025 General Assembly and World Chemistry Congress 26(4)

Members of ICSU and ISSC Vote To Merge 25(1)

Mirabbos Hojamberdiev is awarded the 2018 IUPAC

Chemrawn VII Prize for Green Chemistry 22(4) IUPAC 2019 Distinguished Women in Chemistry or

Chemical Engineering—Call for Nominations 29(3) IUPAC Announces the Winners of the 2018 IUPAC-Solvay

INPAC Announces the Winners of the 2018 INPAC-Solvary International Award for Young Chemists 28(3)

IUPAC Elections for the 2020–2021 Term 22(4) Periodic Table of Younger Chemists Revealed 24(4)

Peter D.J. Grootenhuis is Awarded The 2018 IUPAC-Richter Prize 29(2)

Resolution on the Water Crisis in Gaza 32(2)

Science for Peace 31(2)

Seth Herzon is the recipient of the 2018 Thieme-IUPAC Prize 27(3)

Sixth Polymer International-IUPAC Award goes to Cyrille Boyer 29(2)

Standard Atomic Weights of 14 Chemical Elements Revised 23(4)

The Chemical Weapons Convention: From Disarmament to Sustainable Development 32(2)

The United Nations Proclaims the International Year of the Periodic Table of Chemical Elements 30(2)

World Metrology Day, 20 May 2018 30(2)

Making an ImPACt

Calibration, standardization, and quantitative analysis of multidimensional fluorescence(MDF) measurements on complex mixtures 36(1)

Clarification of the term "normal material" used for standard atomic weights 34(3)

Definition of the mole 40(2)

Engineered nanomaterials and human health: Part 1.
Preparation, functionalization and characterization 34(4)

Engineered nanomaterials and human health: Part 2. Applications and nanotoxicology 34(4)

How to name atoms in phosphates, polyphosphates, their derivatives and mimics, and transition state analogue for enzyme-catalysed phosphoryl transfer reactions 35(1)

Interpreting and propagating the uncertainty of the standard atomic weights 42(2)

Mass and volume in analytical chemistry 42(2)

Nomenclature of flavonoids 35(4)

Innovative Technologies for Chemical Security 36(4)

Preferred names of constitutional units for use in structure-based names of polymers 36(1)

Pure and Applied Chemistry: Looking back over 2017 34(1) Reorienting chemistry education through systems thinking 34(3)

Risk assessment of effects of cadmium on human health 43(2)

Standard reporting of Electrical Energy per Order for UV/ H₂O₂ Reactors 35(4)

Terminology of bioanalytical methods 34(3)

Terminology of separation methods 42(2)

The ongoing challenge of novel psychoactive drugs of abuse. Part I. Synthetic cannabinoids 35(4)

The proposed definitions of fundamental chemical quantities and their impact on chemical communities 35(1)

Vocabulary on nominal property, examination, and related concepts for clinical laboratory sciences 43(2)

Mark Your Calendar

Listing of IUPAC-endorsed Conferences and Symposia 47(1), 59(2), 54(3), 49(4)

Officer's Columns

A Good Beginning Makes a Good Ending by Natalia Tarasova 2(2)

A IUPAC Large or Small? Some Fractal Character? by Richard Hartshorn 2(3)

Keeping Momentum up and Looking Forward by Qifeng 7hou 2(1)

Towards 2019 and the Future by Christopher Brett 2(4)

Project Place

Alignment of principles for specifying ligands and substituent groups across various areas of nomenclature 30(3)

An International Exercise-Based Syllabus in Polymer Chemistry 31(1)

Chemical and Biochemical Thermodynamics Reunification 38(2)

Chemistry Teacher International 38(2)

Expression of uncertainty in measurement 30(3)

Essential Tools for Chemistry: A Celebration of IUPAC's Contributions over the Past 100 Years 32(1)

DIGChem—a vision for chemical data standards 31(3)

Collection, compilation and evaluation of elemental and isotopic data of calcium carbonate and hydroxyapatite materials and the assessment of their usability to act as reference materials 32(3)

Glossary of terms used in biochar research 32(3)

Human Health Risk Consideration of Nano-Enabled Pesticides for Industry and Regulators 38(2)

ILLIAS: An epic journey towards the database on liquidliquid equilibria in systems containing ionic liquids 31(4)

InChI Open Education Resource 31(4)

InChI'ng forward: Community engagement in IUPAC's digital chemical identifier 27(1)

Interdivisional Discussion of Critical Evaluation of Chemistry Data 34(2)

IUPAC100 Global Breakfast 33(3)

IUPAC100 Periodic Table Challenge 39(2)

IUPAC COCI Safety Training Program—Latin America, STP Associates Training 32(4)

Realisation of a Unified pH Scale 29(4)

Safety of Engineered Nanomaterials by Norma Gonzalez and Linda Johnston 28(4)

Metrics for Green Syntheses 31(1)

Microwave induced combustion—critical evaluation and new applications 31(4)

Middle East Regional Cooperation and Sustainable WaterManagement of Transboundary Water 35(2)

Multiple Uses of Chemicals website updated and translated into OPCW official languages 32(4)
Successful Drug Discovery 30(4)

Provisional Recommendations

Nomenclature for boranes and related species 33(4)

Up for Discussion

Consideration of the sequence rule in rule P-94.2 36(3)

Stamps International

Cultural Heritage Chemistry 58(2)

Holý Chemistry 26(1)

Nitrogen Fixation before Haber 3(3)

Oganesson, Where Art Thou? 27(4)

Where 2B & Y

Chemistry Education (ICCE2018) 57(2)

Chemistry for Beauty and Health 45(1)

Food Science and Technology 46(1)

Mendeleev 150 48(4)

Molecular Imprinting 45(1)

Organometallic Chemistry 56(2)

Science as a Human Right: International Science Center and Science Museum Day (ISCSMD) 46(4)

Solubility Phenomena 45(1)

Solution Chemistry 46(1)

Solution Chemistry of Technology Critical Elements 48(4)

Summer school on analytical sciences, metrology and accreditation 56(2)

Supporting FAIR Exchange of Chemical Data through Standards Development—a Joint IUPAC and CODATA workshop 57(2)

The heritage of chemistry—A cultural heritage to be revealed 56(2)