

Simplified Method To Determine Chlorine and Bromine Isotope Ratios Of Chloride and Bromide In Water By GC-qMS

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Online-measurements of $^{15}\text{N}_2$ and $^{15}\text{N}_2\text{O}$ from soil incubation experiments coupled to an IRMS system – first results

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Simultane Analyse atmosphärischer CO_2 - und CH_4 -Konzentrationen und $\delta^{13}\text{C}$ - CH_4 -Werten in diskreten Gasproben aus einem Isotopenverdünnungsexperiment (CH_4 ScarabDetect) mit Hilfe von Cavity-Ring-Down-Spektroskopie

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Determination of N_2O and N_2 production in soil via ^{15}N labeling and incubation in N_2 depleted atmosphere in an automated soil mesocosm system

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Improving Accuracy of Environmental Measurements with Natural Air

Horst Lehmann, Tracey Jacksier, Adelino Fernandes

Low ppm Sulphur Measurements Using Flash Organic Elemental Analyzer

Roger Simon, Philippe Mottay, Peter Pichler

A new in situ method for Li isotope measurements with femtosecond-LA-MC-ICP-MS

Lena K. Steinmann, Martin Oeser, Ingo Horn, Stefan Weyer

Performance of various glass fiber filter types for organic C content and stable isotope ratios of suspended particulate organic carbon (POC)

Nicolas Mundel, Robert Van Geldern, Christian Hanke, Johannes A. C. Barth

Shit happens – but under which climate: On the potential of stable isotope analyses in midden research

Lucas Bittner, Tobias Bromm, Camille Holmgren, Arno Kleber, Bruno Glaser, Michael Zech

Development of a LC-IRMS method for the compound-specific carbon stable isotope analysis of halobenzoates

Steffi Franke, Steffen Kümmel, Ivonne Nijenhuis

A First Technical Approach To Quantify System Efficiency With Stable Isotopes Of Dissolved Oxygen During Engineered Growth Of Galdieria Sulphuraria

Michael Mader, Philipp Schwerna, Rainer Buchholz, van Geldern Robert, Johannes A.C. Barth

Sauna, Sweat and Science II: Do We Sweat What We Drink?

Michael Zech, Marianne Benesch, Johannes Hepp, Steven Polifka, Bruno Glaser

A stable isotope (H, C, N, O, S) hydrobiogeochemical characterization of ground waters in Northeastern Gemany

Anna-Kathrina Jenner, Michael E. Böttcher, Iris Schmiedinger, Maren Voss, Gerd Böttcher, Beate Schwerdtfeger

Intercomparison of Cumulative Rain Collectors Used in Stable Isotope Studies

Nils Michelsen, Yasmin Roßmann, Ingo Bauer, Robert van Geldern, Stephan Schulz, Christoph Schüth

Hydrogeologische Untersuchungen im Chongwe Einzugsgebiet in Sambia

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Nutzung isopenhydrologischer Wasseranalysen für eine Beurteilung von Oberflächenwasser-Grundwasser-Wechselwirkungen

Luisa Schmidt, Diana Burghardt, Susanne van den Berg-Stein, Hans Jürgen Hahn

Event sampling campaigns of stable isotopes indicating ground-water and anthropogenic influences in the large scale Weser River Basin

Kelly Stanley, Paul Koeniger

Identification of freshwater flow paths in salt mine collapses at Solotvyno, Ukraine

Leonard Stoeckl, Xavier Daupley, Shekhunova Stella, Vanessa Banks

Understanding groundwater recharge mechanisms in the Lake Chad Basin using soil water isotopes and chloride profiles

Daniel O. Tewolde, Matthias Beyer, Sara Vassolo, Helene Rieckh, Paul Königer

Low Oxygen Reduction Rates in a Porous Aquifer Suggest Lack of Denitrification

Lisa Wild, Bernhard Mayer, Florian Einsiedl

Back-tracking the origin of alabaster from the 'Ulrich Epitaph', Güstrow, Germany by means of stable S and O isotopes

Michael E. Böttcher, Fuchs Arnold, Gehre Matthias, Cooper A. H., Krempler Michael C.

Influences Of Silvicultural Management Of Cupressus Lusitanica On The Microbial Community In The Munessa Forest, Ethiopia: A Litter ^{13}C Labelling Study

Marianne Benesch, Bruno Glaser, Michaela Dippold, Michael Zech, Wolfgang Zech

Carbon isotopes and trace metals as tracers for carbon cycling in tidal marshes along an estuarine salinity gradient of the Elbe river (Germany)

Michael E. Böttcher, Andreas Weiss, Thorben Amann, Vera Winde, Jens Hartmann

Sulfur isotope biogeochemistry of sediments and soils from a temperate coastal-wetland transition zone, southern Baltic Sea

Julia Westphal, Luz Eva Fernández Fernández, Benjamin Rach, Iris Schmiedinger, Matthias Kreuzburg, Franziska Koesch, Michael E. Böttcher

A Multi-Element Stable Isotope Natural Abundance Approach Indicates Partial Mycoheterotrophy Already For Equisetum Species – Living Fossils Among The Vascular Plants

Philipp Gieseemann, Marcus Stöckel, Gerhard Gebauer

Quantifizierung des Kohlenstoffabbaus in gärtnerischen Substraten unter Kulturbedingungen, Methodenentwicklung mit Hilfe der $\delta^{13}\text{C}$ – Analytik

Katharina Leiber-Sauheitl, Christian Rohr, Sabine Heumann, Heike Bohne, Jürgen Böttcher

Tracing the Isotopic Signature of Carbon Sources for Marine Dissolved Inorganic Carbon via Keeling Plot Analysis

Marko Lipka, Iris Schmiedinger, Bo Liu, Micheal E. Böttcher

Carbon Input by Roots into the Soil: Quantification of Rhizodeposition from Root to Ecosystem Scale

Johanna Pausch, Yakov Kuzyakov

Increased CO_2 fluxes from a sandy Cambisol under agri-cultural use three years after biochar substrate application in the Wendland region, Northern Germany

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