

Publications to Education in Analytical Chemistry illustrating the activity areas of the Division of Analytical Chemistry of EuCheMS

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The Study Group Education of DAC has regularly organised educational symposia during EUROANALYSIS Conferences; it has encouraged their subsequent publication along with related material in the columns “ABC's of Teaching Analytical Science” ABCs of Education and Professional Development in Analytical Science Analytical and Bioanalytical Chemistry:

Jorge Ruiz Encinar, Brice Bouyssiere, Florence Pannier

Linking analytical chemistry Master's programs: the Franco (Pau)—Spanish (Oviedo) case

Anal Bioanal Chem (2013) 405: 8693–8698.

Paul C. Yates

New strategies for teaching maths to chemistry students

Anal Bioanal Chem (2012) 404: 2787–2792.

G. Horvai

Teaching bioanalytical methods in a BSc analytical chemistry course

Anal Bioanal Chem (2012) 404: 1–3.

Jérôme Randon

Master's degree: from analytical science to process analytical technology

Anal Bioanal Chem (2012) 403: 2459–2460.

Jens E. T. Andersen, D. Thorburn Burns, P. Hu

Basic mathematics and physics for undergraduate chemistry students according to the Eurobachelor[®] curriculum

Anal Bioanal Chem (2012) 403: 1461–1464.

Gerhard Schlemmer

Industrial research and development for instrumental analytics: requirements, skills, strategic objectives

Anal Bioanal Chem (2012) 403: 1195–1198.

Hitoshi Watarai

An overview on education of analytical chemistry in Japan

Anal Bioanal Chem (2012) 402: 1399–1404.

Reiner Salzer

Changing careers in chemistry

Anal Bioanal Chem (2012) 402: 25–28.

Miltiades I. Karayannis & Constantinos E. Efstathiou

Self-assessment and controlled examination in analytical chemistry by use of the EChemTest

Anal Bioanal Chem (2011) 400: 3181–3185.

Thomas J. Wenzel

Active learning materials for equilibrium chemistry and separation science

Anal Bioanal Chem (2011) 400: 637–640.

Ivo Leito, Anneli Kruve

“Measurement Science in Chemistry” consortium – a new force in analytical chemistry higher education in Europe

Anal Bioanal Chem (2010) 397: 1635–1637.

Ioannis A. Kozaris

Platforms for e-learning

Anal Bioanal Chem (2010) 397: 893–898.

Evangelia A. Varella

E-learning in applied instrumental analysis: the example of cultural heritage preservation

Anal Bioanal Chem (2010) 397: 7–9.

Cynthia K. Larive

The Analytical Sciences Digital Library (ASDL)

Anal Bioanal Chem (2009) 395: 2425–2429.

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Master programs in analytical chemistry

Anal Bioanal Chem (2009) 394: 649–653.

Peter R. Griffiths

Whither “quant”? An examination of the curriculum and testing methods for quantitative analysis courses taught in universities and colleges in the Western USA

Anal Bioanal Chem (2008) 391: 875–880.

R. Salzer

How we assure quality in teaching analytical chemistry

Anal Bioanal Chem (2008) 390: 85–88.

Cynthia K. Larive

A picture is worth a thousand words: animations and simulations in the teaching of analytical science

Anal Bioanal Chem (2008) 390: 71–75.

Johann Gasteiger

Chemoinformatics: a new field with a long tradition

Anal Bioanal Chem (2006) 384: 57–64.

Karl Heinz Koch

The responsibility of the analytical chemist to society

Anal Bioanal Chem (2005) 382: 1740–1743.

Reiner Salzer, Terence Mitchell, Pascal Mimero, Miltiadis Karayannis, Constatinos Efstathiou, Anthony Smith, Miguel Valcárcel

Analytical chemistry in the European higher education area

Anal Bioanal Chem (2005) 381: 33–40.

Klaus-Peter Jaeckel

Analytics in the German chemical and pharmaceutical industries

Anal Bioanal Chem (2005) 381: 30–32.

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Eurocurriculum II for Analytical Chemistry approved by the Division of Analytical Chemistry of FECS

Anal Bioanal Chem (2004) 378: 28–32.

Ewa Bulska, Philip Taylor

Do we need education in metrology in chemistry?

Anal Bioanal Chem (2003) 377: 588–589.

H. Thomas, S. Paasch, S. Machill, S. Thiele, K. Herzog, M. Hemmer, J. Gasteiger, R. Salzer

Internet-assisted exercises in structural analysis

Fresenius J Anal Chem (2001) 371: 4–10.