Elo Harald Hansen - DTU Orbit (06/07/2017)

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Department of Chemistry - Former

Publications:

**Flow Injection Analysis in Industrial Biotechnology**
Publication: Research - peer-review › Book chapter – Annual report year: 2009

**Atomic spectroscopic detection**
Publication: Research - peer-review › Book chapter – Annual report year: 2008

**Evaluation of the readsorption of plutonium and americium in dynamic fractionations of environmental solid samples**
Publication: Research - peer-review › Journal article – Annual report year: 2008

**Flow injection analysis. Its origin and progress**
Publication: Research - peer-review › Book chapter – Annual report year: 2008

**Interfacing microfluidic handling with spectroscopic detection for real-life applications via the lab-on-valve platform: A review**
Publication: Research - peer-review › Journal article – Annual report year: 2008

**On-line sample processing methods in flow analysis**
Publication: Research - peer-review › Book chapter – Annual report year: 2008

**Recent developments in automatic solid-phase extraction with renewable surfaces exploiting flow-based approaches**
Publication: Research - peer-review › Journal article – Annual report year: 2008

**Retro-review of flow injection analysis**
Publication: Research - peer-review › Journal article – Annual report year: 2008

**30 years of flow injection analysis – and passing the torch (Editorial)**
Publication: Research - peer-review › Journal article – Annual report year: 2007

**A multisyringe flow-through sequential extraction system for on-line monitoring of orthophosphate in soils and sediments**
Publication: Research - peer-review › Journal article – Annual report year: 2007
FIA/SIA developments in Japan
Hansen, E. H. 2007
Publication: Research › Sound/Visual production (digital) – Annual report year: 2007

How Flow Injection Analysis (FIA) over the past 25 years has changed our way of performing chemical analyses
Hansen, E. H. & Miró, M. 2007 In : Trends in Analytical Chemistry. 26, 1, p. 18-26
Publication: Research - peer-review › Journal article – Annual report year: 2007

Miniaturization of environmental chemical assays in flowing systems: The lab-on-a-valve approach vis-à-vis lab-on-a-chip microfluidic devices
Publication: Research - peer-review › Journal article – Annual report year: 2007

Utilizing a sequential injection system furnished with an extraction microcolumn as a novel approach for executing sequential extractions of metal species in solid samples
Publication: Research - peer-review › Journal article – Annual report year: 2007

Development of Methodologies for Determination of Trace-level Concentrations of Elements by Atomic Spectrometry via On-line Pretreatment Procedures Exploiting Sequential Injection (SI) Lab-on-Valve (LOV) Schemes
Publication: Research › Ph.D. thesis – Annual report year: 2006

Are Flow Injection-based Approaches Suitable for Automated Handling of Solid Samples?
Publication: Research - peer-review › Paper – Annual report year: 2006

Chemistry Syllabus at the Technical University of Denmark – A Brief Overview
Hansen, E. H. 2006
Publication: Education › Sound/Visual production (digital) – Annual report year: 2006

Determination of Low Level Concentrations of Metals by Means of Sequential Injection (SI) and Lab-on-Valve (LOV) Methodologies
Hansen, E. H. 2006
Publication: Research - peer-review › Paper – Annual report year: 2006

Development of a simple extraction cell with bi-directional continuous flow coupled on-line to ICP-MS for assessment of elemental associations in solid samples
Publication: Research - peer-review › Journal article – Annual report year: 2006

Evaluation of degree of readsorption of radionuclides during sequential extraction in soil: comparison between batch and dynamic extraction systems.
Publication: Research - peer-review › Paper – Annual report year: 2006

FIA - the CD-ROM - Flow injection analysis: CD-ROM tutorial
Hansen, E. H. 2006 In : Trac-trends in Analytical Chemistry. 25, 4, p. AR1-AR2
Publication: Research - peer-review › Review – Annual report year: 2006

Highly selective micro-sequential injection lab-on-valve (μSI-LOV) method for determination of ultra trace concentrations of nickel in saline matrices using detection by electrothermal atomic absorption spectrometer
Publication: Research - peer-review › Journal article – Annual report year: 2006
Hyphenating multisyringe flow injection lab-on-valve analysis with atomic fluorescence spectrometry for on-line bead-injection preconcentration and determination of trace levels of hydride-forming elements in environmental samples
Publication: Research - peer-review › Journal article – Annual report year: 2006

Multisyringe flow injection lab-on-valve systems coupled to hydride generation atomic fluorescence spectrometry for on-line bead-injection preconcentration and determination of total inorganic arsenic in environmental waters
Publication: Research - peer-review › Poster – Annual report year: 2006

On-line dynamic extraction and automated determination of readily bioavailable hexavalent chromium in solid substrates using micro-sequential injection bead-injection lab-on-valve hyphenated with electrothermal atomic absorption spectrometry
Publication: Research - peer-review › Journal article – Annual report year: 2006

On-line dynamic fractionation and automatic determination of inorganic phosphorous in environmental solid substrates exploiting sequential injection microcolumn extraction and flow injection analysis
Publication: Research - peer-review › Journal article – Annual report year: 2006

Recent advances and perspectives in analytical methodologies for monitoring the bioavailability of trace metals in environmental solid substrates
Publication: Research - peer-review › Journal article – Annual report year: 2002

Recent developments in automated determinations of trace level concentrations of elements and on-line fractionations schemes exploiting the micro-sequential injection - lab-on-valve approach
Publication: Research - peer-review › Journal article – Annual report year: 2006

Hansen, E. H. 2006 In : Trends in Analytical Chemistry. 25, 4, p. I-II
Publication: Research - peer-review › Journal article – Annual report year: 2006

Solid reactors in sequential injection analysis: Recent trends in the environmental field
Publication: Research - peer-review › Journal article – Annual report year: 2006

The potentials of the third generation of flow injection analysis for nutrient monitoring and fractionation analysis
Publication: Research - peer-review › Journal article – Annual report year: 2006

An automatic micro-sequential injection bead injection lab-on-valve (muSI-BI-LOV) assembly for speciation analysis of ultra trace levels of Cr(III) and Cr(VI) incorporating on-line chemical reduction and employing detection by electrothermal atomic absorption spectrometry (ETAAS)
Publication: Research - peer-review › Journal article – Annual report year: 2005

A Universal Approach for Selective Trace Metal Determinations via Sequential Injection-Bead Injection-Lab-on-Valve (SI-BI-LOV) Using Renewable Reagent-loaded Hydrophobic Beads
Publication: Research - peer-review › Poster – Annual report year: 2005
Automated sequential injection-microcolumn approach with on-line flame atomic absorption spectrometric detection for implementing metal fractionation schemes of homogeneous and non-homogeneous solid samples of environmental interest
Publication: Research - peer-review › Journal article – Annual report year: 2005

Bestemmelse af sporstofmetaller med ny dynamisk fraktioneringsmetode
Publication: Research › Journal article – Annual report year: 2005

Determination of Low Level Concentrations of Metals by Means of Sequential Injection (SI) and Lab-on-Valve (LOV) Methodologies
Hansen, E. H., Miró, M. & Petersen, R. 2005
Publication: Research - peer-review › Paper – Annual report year: 2005

Determination of trace metal ions via on-line separation and preconcentration by means of chelating Sepharose beads in a sequential injection lab-on-valve (SI-LOV) system coupled to electrothermal atomic absorption spectrometric detection
Publication: Research - peer-review › Journal article – Annual report year: 2005

Does gravitational segregation of ions really exist?
Publication: Research - peer-review › Journal article – Annual report year: 2005

Dynamic flow-through approaches for metal fractionation in environmentally relevant solid samples
Publication: Research - peer-review › Journal article – Annual report year: 2005

Dynamic Flow-through Methods for Metal Fractionation In Environmental Solid Samples
Miró, M., Hansen, E. H. & Petersen, R. 2005
Publication: Research - peer-review › Paper – Annual report year: 2005

Letter to the Editor: Does gravitational segregation of ions really exist?
Heydorn, K. & Hansen, E. H. 2005 In : Chemometrics and Intelligent Laboratory Systems. 79, p. 129
Publication: Research - peer-review › Journal article – Annual report year: 2005

Miniaturisation and automation of metal fractionation schemes applied to environmental solid samples by sequential injection microcolumn extraction procedures
Publication: Research - peer-review › Journal article – Annual report year: 2005

Sequential injection system incorporating a micro extraction column for automatic fractionation of metal ions in solid samples.: Comparison of the extraction profiles when employing uni-, bi-, and multi-bi-directional flow plus stopped-flow sequential extraction modes
Publication: Research - peer-review › Journal article – Annual report year: 2005

Trends and perspectives of flow injection/sequential injection on-line sample-pretreatment schemes coupled to ETAAS
Publication: Research - peer-review › Journal article – Annual report year: 2005

Universal approach for selective trace metal determinations via sequential injection-bead injection-lab-on-valve using renewable hydrophobic bead surfaces as reagent carriers
Publication: Research - peer-review › Journal article – Annual report year: 2005
Use of flow injection and sequential injection analysis schemes for the determination of trace-level concentrations of metals in complex matrices by ETAAS and ICPMS
Publication: Research - peer-review › Conference article – Annual report year: 2005

Evaluation of a novel PTFE material for separation and preconcentration of trace levels of metal ions in sequential injection (SI) and sequential injection lab-on-valve (SI-LOV) systems interfaced with detection by ETAAS
Publication: Research › Poster – Annual report year: 2004

Evaluation of a novel PTFE material for use as a means for separation and preconcentration of trace levels of metal ions in sequential injection (SI) and sequential injection lab-on-valve (SI-LOV) systems. Determination of cadmium (II) with detection by electrothermal atomic absorption spectrometry (ETAAS)
Publication: Research - peer-review › Journal article – Annual report year: 2004

Flow Injection Analysis
Publication: Research - peer-review › Book chapter – Annual report year: 2004

Flow Injection/Sequential Injection Analysis
Publication: Research - peer-review › Book chapter – Annual report year: 2004

Separation and preconcentration of trace amounts of Cd(II) with sequential injection analysis AAS
Publication: Research - peer-review › Poster – Annual report year: 2004

Separation and preconcentration of ultratrace levels of cadmium(II) in a sequential injection (SI) system with a PTFE packed column as a mimic sequential injection lab-on-valve (SI-LOV) system with renewable column employing detection by electrothermal atomic absorption spectrometry (ETAAS)
Publication: Research - peer-review › Poster – Annual report year: 2004

The impact of flow injection on modem chemical analysis: has it fulfilled our expectations? And where are we going?
Hansen, E. H. 2004 In : Talanta. 64, 5, p. 1076-1083
Publication: Research - peer-review › Conference article – Annual report year: 2004

The Impact of Flow Injection on Modern Chemical Analysis
Hansen, E. H. 2004
Publication: Research › Paper – Annual report year: 2004

The Three Generations of Flow Injection Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2004

The Three Generations of Flow Injection Analysis
Publication: Research › Journal article – Annual report year: 2004
Utilizing a sequential injection system furnished with an extraction microcolumn as a novel approach for executing sequential extractions of metal species in solid samples
Publication: Research - peer-review › Journal article – Annual report year: 2004

Exploiting the bead-injection approach in the integrated sequential injection Lab-on-Valve format using hydrophobic packing materials for on-line matrix removal and preconcentration of trace levels of cadmium in environmental and biological samples via formation of non-charged chelates prior to ETAAS detection
Publication: Research - peer-review › Journal article – Annual report year: 2003

Exploiting the Lab-on-Valve Concept for Determination of Trace Levels of Metals in Complex Matrices with Detection by ETAAS and ICP-MS
Hansen, E. H. & Wang, J. 2003
Publication: Research - peer-review › Paper – Annual report year: 2003

Flow Injection Analysis. How it was conceived, developed and succeeded - despite all odds
Hansen, E. H. 2003
Publication: Research - peer-review › Paper – Annual report year: 2003

Flow injection and sequential injection: The optimal solutions for executing appropriate on-line separation and preconcentration schemes for detection of trace-level concentrations of metals in complex matrices by ICPMS
Hansen, E. H. 2003
Publication: Research › Paper – Annual report year: 2003

Lab-on-Valve Micro Sequential Injection: A Versatile Approach for Implementing Integrated Sample Pre-preparations and Executing (Bio)Chemical Assays
Hansen, E. H. 2003
Publication: Research › Paper – Annual report year: 2003

On-line sample-pre-treatment schemes for trace-level determinations of metals by coupling flow injection or sequential injection with ICP-MS
Publication: Research - peer-review › Journal article – Annual report year: 2003

Sequential injection/bead injection lab-on-valve schemes for on-line solid phase extraction and preconcentration of ultra-trace levels of heavy metals by determination with ETAAS and ICPMS
Publication: Research - peer-review › Journal article – Annual report year: 2003

Sequential injection lab-on-valve: the third generation of flow injection analysis
Publication: Research - peer-review › Journal article – Annual report year: 2003

Behovet for ph.d.-kandidater
Hansen, E. H. 2002 In : Dansk Kemi. 83, 12, p. 4
Publication: Communication › Journal article – Annual report year: 2002

Bestemmelse af sporstofkoncentrationer af metaller i komplekse materier
Hansen, E. H. 2002 In : Dansk Kemi. 83, 9, p. 49-55
Publication: Communication › Journal article – Annual report year: 2002

Coupling sequential injection on-line preconcentration using a PTFE beads packed column to direct injection nebulization inductively coupled plasma mass spectrometry
Wang, J. & Hansen, E. H. 2002 In : Journal of Analytical and Atomic Spectrometry. 17, 10, p. 1278-1283
Publication: Research - peer-review › Journal article – Annual report year: 2002
Development of an automated sequential injection on-line solvent extraction-back extraction procedure as demonstrated for the determination of cadmium with detection by electrothermal atomic absorption spectrometry
Publication: Research - peer-review › Journal article – Annual report year: 2002

Exploiting Sequential Injection on-line Solvent Extraction/Back Extraction with Detection by ETAAS or ICPMS
Wang, J. & Hansen, E. H. 2002
Publication: Research › Poster – Annual report year: 2002

FI/SI on-line solvent extraction/back extraction preconcentration coupled to direct injection nebulization inductively coupled plasma mass spectrometry for determination of copper and lead
Publication: Research - peer-review › Journal article – Annual report year: 2002

Flow injection on-line preconcentration of low levels of Cr(VI) with detection by ETAAS: Comparison of using an open tubular PTFE knotted reactor and a column reactor packed with PTFE beads
Publication: Research - peer-review › Journal article – Annual report year: 2002

Implementation of suitable flow injection/sequential injection on-line sample pretreatment schemes. Separation and preconcentration procedures for the determination of trace metal concentrations by ETAAS and/or ICPMS
Hansen, E. H. & Wang, J. 2002
Publication: Research › Paper – Annual report year: 2002

Implementation of suitable flow injection/sequential-sample separation/preconcentration schemes for determination of trace metal concentrations using detection by electrothermal atomic absorption spectrometry and inductively coupled plasma mass spectrometry
Hansen, E. H. & Wang, J. 2002 In : Analytica Chimica Acta. 467, 1-2, p. 3-12
Publication: Research - peer-review › Journal article – Annual report year: 2002

Lab-on-Valve Micro Sequential Injection: A Versatile Approach for Implementing Integrated Sample Pre-preparations and Executing (Bio)Chemical Assays
Hansen, E. H. 2002
Publication: Research › Paper – Annual report year: 2002

New Trends in Flow Injection Analysis: Exploitation of Sequential and Lab-on-Valve Schemes
Hansen, E. H. 2002
Publication: Research › Paper – Annual report year: 2002

Sequential injection on-line matrix removal and trace metal preconcentration using a PTFE beads packed column as demonstrated for the determination of cadmium by electrothermal atomic absorption spectrometry
Publication: Research - peer-review › Journal article – Annual report year: 2002

The Lab-on-Valve: A new promising tool for Flow Injection Analysis
Publication: Research - peer-review › Journal article – Annual report year: 2002

Coupling sequential injection on-line preconcentration by means of a renewable microcolumn with ion-exchange beads with detection by electrothermal atomic absorption spectrometry. Comparing the performance of eluting the loaded beads with transporting them directly into the graphite tube, as demonstrated for the determination of nickel in environmental and biological samples.
Publication: Research - peer-review › Journal article – Annual report year: 2001
Exploiting flow injection and sequential injection for trace metal determinations in conjunction with detection by electrothermal atomic absorption spectrometry and inductively coupled plasma mass spectrometry
Hansen, E. H. 2001
Publication: Research › Paper – Annual report year: 2001

Exploiting flow injection and sequential injection schemes for trace metal determinations by electrothermal atomic absorption spectrometry
Hansen, E. H. 2001
Publication: Research › Paper – Annual report year: 2001

Exploiting sequential injection on-line solvent extraction/back extraction with detection by ETAAS and ICPMS
Wang, J. & Hansen, E. H. 2001
Publication: Research - peer-review › Poster – Annual report year: 2001

Flow injection on-line dilution for multi-element determination in human urine with detection by inductively coupled plasma mass spectrometry
Wang, J., Hansen, E. H. & Gammelgaard, B. 2001 In : Talanta. 55, 1, p. 117-126
Publication: Research - peer-review › Journal article – Annual report year: 2001

Implementation of suitable FI/SI-sample separation/preconcentration schemes for determinations of trace-metal concentrations when using detection by ETAAS and ICPMS
Hansen, E. H. & Wang, J. 2001
Publication: Research › Paper – Annual report year: 2001

Implementation of suitable FI/SI-sample separation/preconcentration Schemes for determinations of trace-metal concentrations when using detection by ETAAS and ICPMS
Hansen, E. H. 2001
Publication: Research › Poster – Annual report year: 2001

Interfacing sequential injection on-line preconcentration using a renewable micro-column incorporated in a ‘lab-on-valve’ system with direct injection nebulization inductively coupled plasma mass spectrometry
Publication: Research - peer-review › Journal article – Annual report year: 2001

Metrology for Chemical Engineers
Heydorn, K. & Hansen, E. H. 2001 In : Accreditation and Quality Assurance. 6, 2, p. 75-77
Publication: Research - peer-review › Editorial – Annual report year: 2001

MicroSequential Injection. A versatile approach to (bio)chemical assays using the Lab-on-Valve system
Hansen, E. H. & Ruzicka, J. 2001
Publication: Research › Paper – Annual report year: 2001

MicroSequential Injection. A versatile approach to (bio)chemical assays using the Lab-on-Valve system
Hansen, E. H. & Ruzicka, J. 2001
Publication: Research › Poster – Annual report year: 2001

On-line ion exchange preconcentration in a sequential injection lab-on-valve microsystem incorporating a renewable column with ETAAS for the trace-level determination of bismuth in urine and river sediment
Publication: Research - peer-review › Journal article – Annual report year: 2001

Analytisk Kemi - kunst eller videnakab?
Heydorn, K. & Hansen, E. H. 2000 In : Dansk Kemi. 81, 9, p. 49-51
Publication: Research - peer-review › Journal article – Annual report year: 2001
Coupling on-line preconcentration by ion-exchange with ETAAS. A novel flow injection approach based on the use of a renewable microcolumn as demonstrated for the determination of nickel in environmental and biological samples
Publication: Research - peer-review › Journal article – Annual report year: 2000

Flow Injection Analysis - From Beaker to Microfluidics
Ruzicka, J. & Hansen, E. H. 2000 In : Analytical Chemistry. 72, 5, p. 212A-217A
Publication: Research - peer-review › Journal article – Annual report year: 2000

Flow injection on-line two-stage solvent extraction preconcentration coupled with electrothermal atomic absorption spectrometry for determination of bismuth in biological and environmental samples
Publication: Research - peer-review › Journal article – Annual report year: 2000

Interfacing Flow Injection Analysis (Sequential Injection Analysis) and Electro-Thermal Atomic Absorption Spectrometry Determination of Trace-levels of Cr(VI) via On-line Pre-concentration by Adsorption in a Knotted Reactor and by Liquid-Liquid Extraction
Publication: Research - peer-review › Journal article – Annual report year: 2000

Hansen, E. H. 2000 In : Talanta. 51, 3, p. 607-608
Publication: Research - peer-review › Journal article – Annual report year: 2000

1999 Lecture Notes for Course 21455 - Instrumental Analysis (Experimental)
Hansen, E. H., Andersen, J. E. T. & Thale, E. I. 1999
Publication: Research - peer-review › Book – Annual report year: 1999

1999 Lecture notes in course 21250 - Instrumental Analysis
Hansen, E. H. 1999
Publication: Research - peer-review › Book – Annual report year: 1999

A Practical Exercise for the Determination of As(III) by Flow Injection Hydride Generation-Atomic Absorption Spectrometry
Hansen, E. H. & Andersen, J. E. T. 1999 In : Laboratory Automation and Information Management. 34, 2, p. 91-100
Publication: Research - peer-review › Journal article – Annual report year: 1999

Combination of Flow Injection and Electrothermal Atomic Absorption Spectrometry
Hansen, E. H. & Nielsen, S. 1999 In : Dansk Kemi. 80, 4, p. 17-21
Publication: Research › Journal article – Annual report year: 1999

Division of Analytical Chemistry, 1998
Hansen, E. H. 1999 In : Dansk Kemi. 80, 4, p. 31-33
Publication: Research › Journal article – Annual report year: 1999

Exercises in Inorganic Chemistry at Course "Nature and Techniques I - Water"
Hansen, E. H. 1999
Publication: Research - peer-review › Book – Annual report year: 1999

Flow Injection will be 25 years
Hansen, E. H. 1999 In : Dansk Kemi. 80, 4, p. 14-16
Publication: Research › Journal article – Annual report year: 1999
Simultaneous determination of trace-levels of alloying zinc and copper by semi-mercury-free potentiometric stripping analysis with chemometric data treatment
Publication: Research - peer-review › Journal article – Annual report year: 1998

Sir Alan Walsh 1916-1998
Hansen, E. H. 1998 In : Dansk Kemi. 79, 11, p. 6
Publication: Research › Journal article – Annual report year: 1998

Hilligsøe, B. & Hansen, E. H. 1997 In : Fresenius’ Journal of Analytical Chemistry. 358, 7-8, p. 775-780
Publication: Research - peer-review › Journal article – Annual report year: 1997

How Does a University Prepare the Candidates to Metrology and Quality Assurance and to European Conformity Assessment?
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Instrumental Analysis (Experimental Course): Course No. 2146
Publication: Research - peer-review › Book – Annual report year: 1997

Investigations into the Role of Modifiers for Entrapment of Hydrides in Flow Injection-Hydride Generation Electrothermal Atomic Absorption Spectrometry as Exemplified for the Determination of Germanium
Publication: Research - peer-review › Journal article – Annual report year: 1997

Lecture Notes for Course 2140 (Instrumental Analysis)
Publication: Research - peer-review › Book – Annual report year: 1997

The Threat Against the Education of Analytical Chemists
Hansen, E. H. 1997 In : Dansk Kemi. 78, 4, p. 4
Publication: Research › Journal article – Annual report year: 1997

Working Party on Analytical Chemistry 1996
Hansen, E. H. 1997 In : Dansk Kemi. 78, 4, p. 38-42
Publication: Research › Journal article – Annual report year: 1997

Book Review: Flow Injection Atomic Absorption Spectrometry (by Zhaolun Fang)
Hansen, E. H. 1996 In : Talanta. 43, 12, p. 2023-2025
Publication: Research › Journal article – Annual report year: 1996

Determination of Ultra-trace Amounts of Arsenic(III) by Flow Injection Hydride Generation Atomic Absorption Spectrometry with On-line Preconcentration by Coprecipitation with Lanthanum Hydroxide or Hafnium Hydroxide
Publication: Research - peer-review › Journal article – Annual report year: 1996
Exploring flow injection/sequential injection on-line separation and preconcentration schemes for determination of ultra-trace levels of metals by means of ETAAS and ICPMS
01/10/1999 → 06/12/2002
Project: PhD

Development, optimisation, and application of ICP-SFMS methods for the measurements of isotope ratios
Sturup, S., Hansen, E. H. & Andersen, J.
01/04/1997 → 05/01/2000
Project: PhD

FIA on-line opkoncentreringsteknikker og specieringsprocedurer
Nielsen, S., Hansen, E. H. & Mosbæk, H.
01/02/1997 → 09/11/2000
Project: PhD

Statistiske metoder til vurdering af kontrol af kemiske referencematerialer
Schramm-Nielsen, K. E., Spliid, H., Hansen, E. H. & Vølund, A.
01/09/1995 → ...
Project: PhD

Implementation and automation of trace organic analysis in mobile laboratories
Nilsson, T., Madsen, J. Ø., Grøn, C., Hansen, E. H. & Svensmark, B.
01/02/1994 → 22/07/1997
Project: PhD

Anvendelse af statistiske metoder i analytisk kemi.
Bechmann, I. E., Hansen, E. H., Ridder, C., Frisvad, J. C. & Gundersen, V.
01/08/1993 → 31/07/1998
Project: PhD

Uorganisk sporelementanalyse med ICP/MS.
Behrens, A., Hansen, E. H., Haraldsson, C. & Mosbæk, H.
01/04/1993 → 27/02/1997
Project: PhD

Trace metal analysis in soil, waste water and drinking water by potentiometric stripping analysis (PSA) methods
Hansen, E. H., Andersen, J. & Johansen, I. M.
01/01/1993 → ...
Project

Målemetoder under kædfermentering
Waade, C., Zeuthen, P. & Hansen, E. H.
01/12/1992 → 27/02/1996
Project: PhD

FIA and Chemometrics
Hansen, E. H. & Andersen, J.
01/01/1985 → ...
Project

Flow Injection Trace Metal Determinations and Speciation Procedures
Hansen, E. H., Thale, E. I. & Andersen, J.
01/01/1985 → ...
Project
Kinetic FIA-discrimination procedures with the aim of determining transient/metastable species of specific analytically interesting characteristics
Hansen, E. H. & Johansen, I. M.
01/01/1985 → ...
Project

Flow Injection Enzymatic Assays
Hansen, E. H.
01/01/1978 → ...
Project

Analytical Chemistry with special emphasis on the use of Flow Injection Analysis
Hansen, E. H., Andersen, J., Behrens, A., Bechmann, I. E., Thale, E. I. & Johansen, I. M.
01/01/1975 → ...
Project