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Continuous sampling of polar organic pollutants using commercially available hollow fibre cartridges - ESTM technique
Publication: Research › Poster – Annual report year: 2006

Equilibrium Sampling of Freely Dissolved Alkylphenols into a Thin Film of 1-Octanol Supported on a Hollow Fiber Membrane
Publication: Research - peer-review › Journal article – Annual report year: 2006

Equilibrium Sampling Through Membranes (ESTM) in hollow fibers combined with direct absorbance measurements
Toräng, L., Jonsson, J. & Mayer, P. 2006
Publication: Research › Poster – Annual report year: 2006

Measurement of accessibility and chemical activity of PAHs in polluted soil
Reichenberg, F., Karlson, U. & Mayer, P. 2006
Publication: Research › Poster – Annual report year: 2006

Measuring the chemical activity of hydrophobic compounds by equilibrium sampling into silicone hollow fibers
Toräng, L., Reichenberg, F., Glæsner, N. & Mayer, P. 2006
Publication: Research › Poster – Annual report year: 2006
Tjærestoffer. Danmarks Miljøundersøgelser
Publication: Research › Report – Annual report year: 2006

Two Complementary Sides of Bioavailability: Accessibility and Chemical Activity of Organic Contaminants in Sediments and Soils
Reichenberg, F. & Mayer, P. 2006 In : Environmental Toxicology and Chemistry. 25, 5, p. 1239-1245
Publication: Research - peer-review › Journal article – Annual report year: 2006

Effective chemical activity (EA50) used as a measure of exposure for baseline toxicity
Reichenberg, F. & Mayer, P. 2005
Publication: Research › Poster – Annual report year: 2005

Equilibrium Sampling through Membranes of Freely Dissolved Chlorophenols in Water Samples with Hollow Fiber Supported Liquid Membrane
Liu, J., Jönsson, J. Å. & Mayer, P. 2005 In : Analytical Chemistry. 77, 15, p. 4800-4809
Publication: Research - peer-review › Journal article – Annual report year: 2005

Equilibrium Sampling through Membranes of Freely Dissolved Copper Concentrations with Selective Hollow Fiber Membranes and the Spectrophotometric Detection of a Metal Stripping Agent
Publication: Research - peer-review › Journal article – Annual report year: 2005

Measuring the internal exposure of organic pollutants with equilibrium sampling devices
Reichenberg, F., McLachlan, M. & Mayer, P. 2005
Publication: Research › Poster – Annual report year: 2005

Quantifying the effect of medium composition on the diffusive mass transfer of hydrophobic organic chemicals through unstirred boundary layers
Publication: Research - peer-review › Journal article – Annual report year: 2005

Sediment Dilution Method to Determine Sorption Coefficients of Hydrophobic Organic Chemicals
Publication: Research - peer-review › Journal article – Annual report year: 2005

A micro-scale technique to determine diffusive mass transfer of hydrophobic organics through diffusive boundary layers (DBLs)
Mayer, P., Christensen, P. S., Johnsen, A. R. & Karlson, U. 2004
Publication: Research › Poster – Annual report year: 2004

A new technique to determine the diffusive mass transfer of hydrophobic organic substances through diffusive boundary layers (DBLs)
Mayer, P., Christensen, P. S., Johnsen, A. R. & Karlson, U. 2004
Publication: Research › Poster – Annual report year: 2004

Distinguishing Between The Availability And The Activity Of Organic Chemicals
Reichenberg, F. & Mayer, P. 2004
Publication: Research › Poster – Annual report year: 2004

Equilibrium Sampling through Membrane: Hollow Fiber Supported Liquid Membrane for Static Sampling of Freely Dissolved Chlorophenols in Water
Liu, J-F., Jönsson, J. Å., Larsson, N., Mayer, P. & Toräng, L. 2004
Equilibrium Sampling through Membranes: Oprensning og opkoncentrering af polære stoffer med hollow fibers
Toräng, L., Mayer, P., Jönsson, J. Å. & Liu, J-F. 2004

Towards continuous exposure measurements of polar organic priority pollutants
Larsson, N., Jönsson, J. Å., Liu, J-F., Mayer, P. & Toräng, L. 2004

Equilibrium Sampling Devices

Marin recipientundersøgelse ved Thule Air Base 2002

Measured Pore-Water Concentrations Make Equilibrium Partitioning Work: A Data Analysis

SPME-Measurements of Freely Dissolved Concentration of Hydrophobic Organic Compounds in the Microtox Solid Phase Test

Algal growth inhibition test in filled, closed bottles for volatile and sorptive materials

Accumulation and toxicity of lipophilic organic chemicals in phytoplankton algae and Daphnia, and partitioning of such compounds between water, particulates, and third phases of colloid and dissolved organic material

Influence of growth conditions on the results obtained in algal toxicity testing

Toxic cell concentrations of three polychlorinated biphenyl congeners in the green alga Selenastrum Capricornutum

A simple in vitro fluorescence method for biomass measurements in algal growth inhibition tests
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Growth inhibition of green alga *S. capricornutum* related to critical body burdens of PAHs and PCBs. (Abstract No. PWA124)
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Influence of growth conditions on the results obtained in algal toxicity tests. (Abstract No. PHA105)
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Projects:

**Mixture Effects in Biodegradation Testing of Aromatic and Aliphatic Hydrocarbons**
Hammershøj, R. H., Mayer, P., Andersen, H. R. & Birch, H.
15/06/2016 → 13/12/2019
Project: PhD

**The effect of sorption and dosing on the degradation of poorly water soluble substances in different environmental matrices using standard OECD guidelines**
Shrestha, P., Mayer, P., Birch, H. & Hennecke, D.
01/01/2016 → 31/12/2018
Project: PhD

**Linking the exposure and effects of organic chemical mixtures to their equilibrium partitioning concentrations in lipids**
Trac, N. L., Mayer, P. & Søgaard Schmidt, S.
01/09/2015 → 15/03/2019
Project: PhD

**Micropollutants removal for hospital wastewater**
Tang, K., Andersen, H. R., Mayer, P., Mayer, P., McArdell, C. S. & Stasinakis, A.
01/01/2015 → 18/04/2018
Project: PhD

**Aquatic toxicity testing for hazard identification of engineered nanoparticles**
Sørensen, S. N., Baun, A., Hansen, S. F., Lützhøft, H. H., Mayer, P., Kühnel, D. & Palmqvist, A.
01/04/2012 → 30/06/2016
Project: PhD

**Improving the exposure basis of toxicological research on persistent organic pollutants and their mixtures**
Gilbert, D., Mayer, P., Vinggaard, A. M., Trapp, S., Scheringer, M. & Wania, F.
15/01/2012 → 15/12/2015
Project: PhD

**Investigating the feasibility of phytoremediation and phytoscreening**
Nielsen, M. A., Trapp, S., Broholm, M. M., Mayer, P., Kjeldsen, P., Burken, J. G. & Larsen, M.
01/06/2011 → 01/07/2015
Project: PhD
Bioaccumulation and toxicity of lipophilic chemical in algae, crustaceans and fish
Nyholm, N., Halling-Sørensen, B., Kusk, K. O., Mayer, P., Qualmann, S., Kløft, L., Mayer, P. & Simjs, D. J.
01/08/1994 → 01/01/1998

Activities:

7th SETAC World Congress
Mayer, P. (Participant)
6 Nov 2016 → 10 Nov 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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Mayer, P. (Participant)
6 Nov 2016 → 10 Nov 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

7th SETAC World Congress
Mayer, P. (Invited speaker)
6 Nov 2016 → 10 Nov 2016
Activity: Talks and presentations › Conference presentations

Developing a strategy to improve the environmental risk assessment of difficult to test multi-component substances
Mayer, P. (Invited speaker)
2 Nov 2016 → 4 Nov 2016
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

International Society of Exposure Science
Mayer, P. (Invited speaker)
Activity: Talks and presentations › Conference presentations

International Society of Exposure Science 26th Annual Meeting - ISES2016
Mayer, P. (Invited speaker)
Activity: Talks and presentations › Conference presentations

Congressi Stefano Franscini
Mayer, P. (Participant)
29 May 2016 → 3 Jun 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SETAC Europe 26th Annual Meeting
Mayer, P. (Participant)
22 May 2016 → 26 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.
SETAC Europe 26th Annual Meeting
Mayer, P. (Participant)
22 May 2016 → 26 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SETAC
Mayer, P. (Participant)
1 Nov 2015 → 5 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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1 Nov 2015 → 5 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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1 Nov 2015 → 5 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

SETAC
Mayer, P. (Participant)
1 Nov 2015 → 5 Nov 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Foundational aspects of the concept of chemical activity
Mayer, P. (Lecturer)
29 Oct 2015 → 30 Oct 2015
Activity: Talks and presentations › Conference presentations

Equilibrium Sampling of Hydrophobic Organic Contaminants in Sediment
Mayer, P. (Lecturer)
16 Aug 2015 → 20 Aug 2015
Activity: Talks and presentations › Conference presentations

ICCA-LRI and JRC Workshop 2014
Mayer, P. (Invited speaker)
17 Jun 2014
Activity: Talks and presentations › Conference presentations