Peer reviewed international publications from EnForce 2018 - 2020

1. Adediran, G. A., V. Liem-Nguyen, Y. Song, J. K. Schaefer, U. Skyllberg and E. Bjorn (2019). "Microbial Biosynthesis of Thiol Compounds: Implications for Speciation, Cellular Uptake, and Methylation of Hg(II)." Environ Sci Technol 53(14): 8187-8196.
2. Beiras, R., J. Bellas, J. Cachot, B. Cormier, X. Cousin, M. Engwall, C. Gambardella, F. Garaventa, S. Keiter, F. Le Bihanic, S. Lopez-Ibanez, V. Piazza, D. Rial, T. Tato and L. Vidal-Linan (2018). "Ingestion and contact with polyethylene microplastics does not cause acute toxicity on marine zooplankton." Journal of Hazardous Materials 360: 452-460.
3. Bjornsdotter, M. K., L. W. Y. Yeung, A. Karrman and I. E. Jogsten (2019). "Ultra-Short-Chain Perfluoroalkyl Acids Including Trifluoromethane Sulfonic Acid in Water Connected to Known and Suspected Point Sources in Sweden." Environmental Science & Technology 53(19): 11093-11101.
4. Blanc, M., A. Karrman, P. Kukucka, N. Scherbak and S. Keiter (2017). "Mixture-specific gene expression in zebrafish (Danio rerio) embryos exposed to perfluorooctane sulfonic acid (PFOS), perfluorohexanoic acid (PFHxA) and 3,3 ',4,4 ',5-pentachlorobiphenyl (PCB126)." Science of the Total Environment 590: 249-257.
5. Blanc, M., J. Ruegg, N. Scherbak and S. H. Keiter (2019). "Environmental chemicals differentially affect epigenetic-related mechanisms in the zebrafish liver (ZF-L) cell line and in zebrafish embryos." Aquatic Toxicology 215.
6. Cormier, B., A. Batel, J. Cachot, M. L. Begout, T. Braunbeck, X. Cousin and S. H. Keiter (2019). "Multi-Laboratory Hazard Assessment of Contaminated Microplastic Particles by Means of Enhanced Fish Embryo Test With the Zebrafish (Danio rerio)." Frontiers in Environmental Science 7.
7. Dubocq, F., T. Wang, L. W. Y. Yeung, V. Sjoberg and A. Karrman (2020). "Characterization of the Chemical Contents of Fluorinated and Fluorine-Free Firefighting Foams Using a Novel Workflow Combining Nontarget Screening and Total Fluorine Analysis." Environmental Science & Technology 54(1): 245-254.
8. Geng, D. W., A. A. Musse, V. Wigh, C. Carlsson, M. Engwall, M. Oresic, N. Scherbak and T. Hyotylainen (2019). "Effect of perfluorooctanesulfonic acid (PFOS) on the liver lipid metabolism of the developing chicken embryo." Ecotoxicology and Environmental Safety 170: 691-698.
9. Hu, X. D. C., A. K. Tokranov, J. Liddie, X. M. Zhang, P. Grandjean, J. E. Hart, F. Laden, Q. Sun, L. W. Y. Yeung and E. M. Sunderland (2019). "Tap Water Contributions to Plasma Concentrations of Poly- and Perfluoroalkyl Substances (PFAS) in a Nationwide Prospective Cohort of US Women." Environmental Health Perspectives 127(6).
10. Jacobsen, A. V., M. Nordén, M. Engwall and N. Scherbak (2018). "Effects of perfluorooctane sulfonate on genes controlling hepatic fatty acid metabolism in livers of chicken embryos." Environmental Science and Pollution Research 25(23): 8.
11. Karlsson, T. M., A. Kärrman, A. Rotander and M. Hassellöv (2020). "Comparison between manta trawl and in situ pump filtration methods, and guidance for visual identification of microplastics in surface waters." Environmental Science and Pollution Research 27(5): 5559-5571.
12. Koch, A., R. Aro, T. Wang and L. W. Y. Yeung (2020). "Towards a comprehensive analytical workflow for the chemical characterisation of organofluorine in consumer products and environmental samples." Trac-Trends in Analytical Chemistry 123.
13. Koch, A., A. Karrman, L. W. Y. Yeung, M. Jonsson, L. Ahrens and T. Wang (2019). "Point source characterization of per- and polyfluoroalkyl substances (PFASs) and extractable

organofluorine (EOF) in freshwater and aquatic invertebrates." Environmental Science-Processes & Impacts 21(11): 1887-1898.
14. Lam, M. M., R. Bulow, M. Engwall, J. P. Giesy and M. Larsson (2018). "Methylated PACs Are More Potent than Their Parent Compounds-A Study on AhR-mediated Activity, Degradability and Mixture Interactions in the H4IIE-luc Assay." Environmental toxicology and chemistry 37(5): 11.
15. Lam, M. M., M. Engwall, M. S. Denison and M. Larsson (2018). "Methylated polycyclic aromatic hydrocarbons and/or their metabolites are important contributors to the overall estrogenic activity of polycyclic aromatic hydrocarbon-contaminated soils." Environmental toxicology and chemistry 37(2): 385-397.
16. Larsson, M., M. M. Lam, P. van Hees, J. P. Giesy and M. Engwall (2018). "Occurrence and leachability of polycyclic aromatic compounds in contaminated soils : Chemical and bioanalytical characterization." Science of the Total Environment 622-623: 9.
17. Legradi, J. B., C. Di Paolo, M. H. S. Kraak, H. G. van der Geest, E. L. Schymanski, A. J. Williams, M. M. L. Dingemans, R. Massei, W. Brack, X. Cousin, M. L. Begout, R. van der Oost, A. Carion, V. Suarez-Ulloa, F. Silvestre, B. I. Escher, M. Engwall, G. Nilen, S. H. Keiter, D. Pollet, P. Waldmann, C. Kienle, I. Werner, A. C. Haigis, D. Knapen, L. Vergauwen, M. Spehr, W. Schulz, W. Busch, D. Leuthold, S. Scholz, C. M. vom Berg, N. Basu, C. A. Murphy, A. Lampert, J. Kuckelkorn, T. Grummt and H. Hollert (2018). "An ecotoxicological view on neurotoxicity assessment." Environmental Sciences Europe 30.
18. Li, Y., J. Zhao, H. Zhong, Y. Wang, H. Li, Y. F. Li, V. Liem-Nguyen, T. Jiang, Z. Zhang, Y. Gao and Z. Chai (2019). "Understanding Enhanced Microbial MeHg Production in Mining-Contaminated Paddy Soils under Sulfate Amendment: Changes in Hg Mobility or Microbial Methylators?" Environ Sci Technol 53(4): 1844-1852.
19. Liem-Nguyen, V., K. Huynh, C. Gallampois and E. Bjorn (2019). "Determination of picomolar concentrations of thiol compounds in natural waters and biological samples by tandem mass spectrometry with online preconcentration and isotope-labeling derivatization." Anal Chim Acta 1067: 71-78.
20. Meyer-Alert, H., M. Larsson, H. Hollert and S. H. Keiter (2019). "Benzo a pyrene and 2,3-benzofuran induce divergent temporal patterns of AhR-regulated responses in zebrafish embryos (Danio rerio)." Ecotoxicology and Environmental Safety 183.
21. Ribeiro, A. J. S., B. D. Guth, M. Engwall, S. Eldridge, C. M. Foley, L. Guo, G. Gintant, J. Koerner, S. T. Parish, J. B. Pierson, M. Brock, K. W. Chaudhary, Y. Kanda and B. Berridge (2019). "Considerations for an In Vitro, Cell-Based Testing Platform for Detection of Drug-Induced Inotropic Effects in Early Drug Development. Part 2: Designing and Fabricating Microsystems for Assaying Cardiac Contractility With Physiological Relevance Using Human iPSC-Cardiomyocytes." Frontiers in Pharmacology 10.
22. Sadia, M., L. W. Y. Yeung and H. Fiedler (2019). "Trace level analyses of selected perfluoroalkyl acids in food: Method development and data generation." Environmental Pollution: 113721.
23. Salihovic, S., T. Fall, A. Ganna, C. D. Broeckling, J. E. Prenni, T. Hyotylainen, A. Karrman, P. M. Lind, E. Ingelsson and L. Lind (2019). "Identification of metabolic profiles associated with human exposure to perfluoroalkyl substances." Journal of Exposure Science and Environmental Epidemiology 29(2): 196-205.
24. Salihovic, S., J. Stubleski, A. Karrman, A. Larsson, T. Fall, L. Lind and P. M. Lind (2018). "Changes in markers of liver function in relation to changes in perfluoroalkyl substances - A longitudinal study." Environment International 117: 196-203.
25. Schonlau, C., M. Larsson, F. Dubocq, A. Rotander, R. van der Zande, M. Engwall and A. Karrman (2019). "Effect-Directed Analysis of Ah Receptor-Mediated Potencies in

Microplastics Deployed in a Remote Tropical Marine Environment." Frontiers in Environmental Science 7.
26. Schonlau, C., M. Larsson, M. M. Lam, M. Engwall, J. P. Giesy, C. Rochman and A. Karrman (2019). "Aryl hydrocarbon receptor-mediated potencies in field-deployed plastics vary by type of polymer." Environmental Science and Pollution Research 26(9): 9079-9088.
27. Schönlau, C., T. M. Karlsson, A. Rotander, H. Nilsson, M. Engwall, B. van Bavel and A. Kärrman (2020). "Microplastics in sea-surface waters surrounding Sweden sampled by manta trawl and in-situ pump." Marine Pollution Bulletin 153: 111019.
28. Soerensen, A. L., A. T. Schartup, A. Skrobonja, S. Bouchet, D. Amouroux, V. Liem-Nguyen and E. Bjorn (2018). "Deciphering the Role of Water Column Redoxclines on Methylmercury Cycling Using Speciation Modeling and Observations From the Baltic Sea." Global Biogeochemical Cycles 32(10): 1498-1513.
29. Stubleski, J., P. Kukucka, S. Salihovic, P. M. Lind, L. Lind and A. Karrman (2018). "A method for analysis of marker persistent organic pollutants in low-volume plasma and serum samples using 96-well plate solid phase extraction." Journal of Chromatography A 1546: 18-27.
30. Titaley, I. A., U. Eriksson and M. Larsson (2020). "Rapid extraction method of polycyclic aromatic compounds in soil using basic silica selective pressurized liquid extraction." J Chromatogr A: 460896.
31. Uwayezu, J. N., L. W. Y. Yeung and M. Backstrom (2019). "Sorption of PFOS isomers on goethite as a function of pH, dissolved organic matter (humic and fulvic acid) and sulfate." Chemosphere 233: 896-904.

Conference papers and presentations

1. Titaley, I. A.; Larsson, A.; Burton, N.; Johansson F.; Karlsson, A.; Kristoffersson, K.; Markström, I.; Eriksson, U.; Larsson, M. Comparison of different extraction techniques to analyze polycyclic aromatic hydrocarbons in tire particle with different sizes combined with bioassay characterization. 26th International Symposium on Polycyclic Aromatic Compounds. Poster Presentation. 9 – 12 September 2019. Örebro, Sweden.
2. Titaley, I. A.; Eriksson, U.; Larsson, M. Development and application of extraction method to analyze polycyclic aromatic compounds in soil using in-cell basic silica clean up. 26th International Symposium on Polycyclic Aromatic Compounds. Platform Presentation. 9 – 12 September 2019. Örebro, Sweden.
3. Eriksson, U.; Bülow, R.; Holmes, B.; Titaley, I. A.; Larsson, M. Effect-based strategy for assessment and identification of hazardous polycyclic aromatic compounds (PACs) in contaminated areas. 26th International Symposium on Polycyclic Aromatic Compounds. Platform Presentation. 9 – 12 September 2019. Örebro, Sweden.
4. Larsson, M.; Titaley, I. A.; Eriksson, U.; Bülow, R.; Engwall, M. Effect-based strategy for assessment and identification of hazardous polycyclic aromatic compounds (PACs) in contaminated areas. 26th International Symposium on Polycyclic Aromatic Compounds. Platform Presentation. 9 – 12 September 2019. Örebro, Sweden.
5. Titaley, I. A.; Eriksson, U.; Larsson, M. Development and Application of In-cell Basic Silica Clean-up for Analysis of Polyaromatic Compounds in Soil Samples. 17th International Conference on Chemistry and the Environment. Platform Presentation. 16 – 20 June 2019. Thessaloniki, Greece.
6. Titaley, I. A.; Ortiz, X.; Kärrman, A. Suspect Screening of Soot Samples Reveals the Occurrence of Emerging Organophosphate Ester Tris(2,4-di-tert-butylphenyl) Phosphate. 17th International Conference on Chemistry and the Environment. Poster Presentation. 16 – 20 June 2019. Thessaloniki, Greece.

7. Titaley, I. A.; Walden, D.M.; Ogba, O.M.; Cheong, P. H.-Y.; Massey Simonich, S. L. Evaluating Computational and Structural Approaches to Predict Transformation Products of Atmospheric Polycyclic Aromatic Hydrocarbons. Society of Environmental Toxicology and Chemistry Europe 28th Annual Meeting. Poster Presentation. 13 – 17 May 2018. Rome, Italy.
8. Blanc M., Rüegg J., Cousin X., Scherbak N., Keiter S.H. (2019) (Poster presentation and flash talk). Long-term and transgenerational neurobehavioral effects of the insecticide permethrin in zebrafish. Epigenetic inheritance: impact for biology and society. 2019, August 26th-28th, Zurich, Switzerland.
9. Blanc M., Engwall M., Hyötyläinen T., Rüegg J., Scherbak N., Villaescusa C., Keiter S.H. (2019) (Platform presentation). Several approaches, one goal: studying epigenetic and transgenerational effects of environmental chemicals. Environmental Epigenetics – From Mechanisms to Regulation. 2019, February 21st-22nd, Örebro, Sweden.
10. Blanc M., Hyötyläinen T., Scherbak N., Keiter S.H. (2019). Immediate and long-lasting effects of environmental chemicals in the Zebrafish Liver (ZF-L) cell line and subsequent unexposed passages (Platform presentation). Young Environmental Scientist Meeting, Society of Environmental Toxicology and Chemistry (SETAC). 2019, February 05th-10th, Ghent, Belgium.
11. Nilén G., Larsson M., Engwall M., Keiter S. (2019). Embryotoxic and behavioral effects in zebrafish embryos (Danio rerio) after exposure to binary mixtures of environmental pollutants (Poster presentation). Young Environmental Scientist Meeting, Society of Environmental Toxicology and Chemistry (SETAC). 2019, February 05th-10th, Ghent, Belgium.
12. Blanc M., Scherbak N., Keiter S. (2018). Environmental chemicals alter expression of epigenetic factors in the Zebrafish Liver cell Line (ZF-L) (Poster presentation). Society of Environmental Toxicology and Chemistry (SETAC) Meeting. 2018, May 13th-17th, Rome, Italy.
13. Nilén G., Holmes B., Larsson M., Scherbak N., Engwall M., Keiter S. (2018). Mixture Risk - Development of an effect-based chemical risk assessment strategy for sites contaminated with complex mixtures of organic and inorganic contaminants (Poster presentation). Society of Environmental Toxicology and Chemistry (SETAC) Meeting. 2018, May 13th-17th, Rome, Italy.
14. SH Keiter (2017): Environmental Forensics - new solutions to sustainable use of chemicals. SFT Annual Meeting, Nobel Forum, Karolinska Institute, Stockholm
15. Van Hees, P et al. What is the total budget of PFAS in contaminated soil? And how does total oxidizable precursor (TOP) assay help comprehend the picture?", Renare Mark spring meeting, March 2018 (poster)
16. Van Hees, P et al. Leaching of PFAS and PFAS precursors from soil", Groundwater quality 2019, Liege, Sep 2019 (poster)
17. Van Hees, P et al. Precursors, Novel and Ultrashort PFAS in Soils and Leachates", Renare Mark vårmöte 20 (inställt, kommer att läggas upp på renaremark.se) (poster)
18. Van Hees, P et al. TOP (total oxidizable precursors) – I praktiken", SLV/KEMI PFAS network meeting, Sthlm, Nov 2017 (oral pres)
19. Van Hees, P et al. PFAS and Precursors in Soil and Leaching Tests, EnForce workshop, Sthlm, 190122 (oral pres)
20. Van Hees, P et al. What is the total budget of PFAS in contaminated soil and how does total oxidizable precursor (TPO) assay help comprehend the picture?, Nordrocs, Helsingör, DK, Sep 2018 (oral pres)
21. Van Hees, P et al. PFAS and Precursors in soil and leachates - How can total oxidizable precursor (TOP) assay reveal the unknowns?, Miljöringen, Oslo, 190306 (oral pres)
22. Van Hees, P et al. Analysis of PFAS, TOP and TOF/EOF, SGI workshop, Sthlm, 191001 (oral pres)

23. Chen F, Eriksson U, Aro R, Yeung LWY, Wang T, Kallenborn R, Kärrman A. Screening of per- and polyfluoroalkyl substances (PFASs) and total organic fluorine in wastewater effluent from Nordic countries. (Poster presentation) The SETAC Europe 28th Annual Meeting 13-17 May, 2018 Rome, Italy
24. Aro R, Eriksson U, Kärrman A, Chen F, Wang T, Kallenborn R, Yeung LWY. Contamination of per- and polyfluoroalkly substances, including novel PFASs, in wastewater treatment plant effluent from Nordic Countries. (Poster Presentation) 14th annual LC/MS/MS workshop on environmental applications and food safety 26-27 June 2018, Barcelona, Spain
25. Aro R, Eriksson U, Kärrman A, Chen F, Wang T, Yeung LWY: Per- and polyfluoroalkyl substance (PFAS) homologue profiles, including ultrashort-chain compounds, and extractable organofluorine (EOF) in wastewater treatment plant effluent and sludge from Nordic countries (Platform presentation). 38th International Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2018) & 10th International PCB Workshop 26 – 31 August 2018, Kraków, Poland
26. Björnsdotter MK, Yeung LWY, Kärrman A, Ericson Jogsten I: Ultra-short-chain perfluoroalkyl substances (PFASs) including trifluoromethanesulfonic acid (TFMS) in environmental waters (Platform presentation) 38th International Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2018) & 10th International PCB Workshop 26 – 31 August 2018, Kraków, Poland
27. Fredriksson F, Yeung LWY, Kärrman A, Eriksson U: Comparison of per-/polyfluorinated substances profiles and levels in bird eggs from South Africa and Nordic countries (Platform presentation) 38th International Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2018) & 10th International PCB Workshop 26 – 31 August 2018, Kraków, Poland
28. Yeung LWY, van Hees P, Karlsson P, Söderlund L, Filipovic M: Total fluorine, extractable organofluorine, per/polyfluoroalkyl substances and total oxidizable precursor assay on contaminated soil (Platform presentation) 38th International Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2018) & 10th International PCB Workshop 26 – 31 August 2018, Kraków, Poland
29. Yeung LWY, Aro R, Fredriksson F, Eriksson U, Chen F, Wang T, Kallenborn R, Kärrman A: Mass balance analysis of extractable organofluorine in environmental samples from the Nordic Countries (Platform presentation) 38th International Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2018) & 10th International PCB Workshop 26 – 31 August 2018, Kraków, Poland
30. van Hees P, Filipovic M, Karlsson P, Söderlund L, Yeung LWY: What is the total budget of PFAS in contaminated soil and how does total oxidizable precursor (TOP) assay help comprehend the picture? (Platform presentation). The 7th Joint Nordic Meeting on Remediation of Contaminated Sites – International Conference (NORDROCS 2018) September 3-6, Helsingoer, a part of Greater Copenhagen, Denmark
31. Leo W.Y. Yeung Towards a total PFAS exposure assessment in human sera? Hälsorelaterad miljöövervakning - HÄMI 2018, October 23-24, 2018, Örebro, Sweden.
32. Leo W.Y. Yeung Analytical methodology for PFAS contaminated soil – What do SLV11, TOP and EOF/TOF tell? EnForce Forskningsseminarium med Tema Förorenade Områden, January 22, 2019, Stockholm, Sweden
33. Patrick van Hees PFAS case study – Precursors in soil and fluor budgets EnForce Forskningsseminarium med Tema Förorenade Områden, January 22, 2019, Stockholm, Sweden
34. Mattias Bäckström. Sorption of PFOS isomers on solid phases as a function of aqueous chemistry Forskningsseminarium med Tema Förorenade Områden, January 22, 2019, Stockholm, Sweden

35. Eirik Aas, Patrick van Hees, Marko Filipovic, Patrik Karlsson, Linn Lindblom, Leo Yeung. PFAS and Precursors in soil and leachates - How can total oxidizable precursor (TOP) assay reveal the unknowns? Miljødirektoratet, March 6-7, 2019, Oslo, Norway.
36. Leo W.Y. Yeung, Patrick van Hees, Patrik Karlsson, Crystal Ho, Lydia Söderlund, Marko Filipovic. Are available evaluation methods for PFAS-contaminated areas sufficient? (Platform presentation). Vårmöte 2019 – Vatten och sediment, Nätverket Renare Mark, March 20-21, 2019, Arlanda airport, Sweden
37. Marko Filipovic, Maria Pettersson, Ulf Mohlander, Sara Holmström, Katrin Holmström, Patrik Karlsson, Patrick Van Hees, Anna Kärrman, Leo W.Y. Yeung Fördelning av poly- och perfluoralkyl substanser (PFAS) i vatten och sedimentkärnor i Mälaren - kan sedimentkärnor användas som ett verktyg för att identifiera när i tiden PFAS-utsläppen började i Stockholm?(Poster presentation) Vårmöte 2019 – Vatten och sediment, Nätverket Renare Mark, March 20-21, 2019, Arlanda airport, Sweden
38. Marko Filipovic, Patrick van Hees, Patrik Karlsson, Leo W.Y. Yeung. Total fluorine, extractable organofluorine, per/polyfluoroalkyl substances and total oxidizable precursor assay on contaminated soil (Platform presentation). The Fifth International Symposium on Bioremediation and Sustainable Environmental Technologies, April 15-18, 2019, Baltimore, Maryland, USA
39. Anna Kärrman – PFASs analysis at Örebro University. Workshop with members of the Core Working Group (CWG) PFAS of the EURL/NRL-network for halogenated POPs in feed and food, Örebro universitet 18-19 June, 2019
40. Leo Yeung - International standard methods for per-and polyfluoroalkylsubstances (PFAS) in water ISO 25101 and ISO 21675. Workshop with members of the Core Working Group (CWG) PFAS of the EURL/NRL-network for halogenated POPs in feed and food, Örebro universitet 18-19 June, 2019
41. Anna Kärrman (oral): Indoor Environmental Exposure to PFAS. SETAC North America Focused Topic Meeting - Environmental Risk Assessment of PFAS, 12–15 August 2019, Durham, North Carolina, USA
42. Maria Björnsdotter (poster): Ultra-Short-Chain Perfluoroalkyl Substances Including Trifluoroacetic Acid in Water Connected to Known and Suspected Point Sources in Sweden SETAC North America Focused Topic Meeting - Environmental Risk Assessment of PFAS, 12–15 August 2019, Durham, North Carolina, USA
43. Alina Koch, Micael Jonsson, Anna Kärrman, Thanh Wang. An overlooked PFAS exposure pathway: transport of PFAS from water to riparian foodwebs via emerging insects. Oral. The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
44. Anna Kärrman, Rudolf Aro, Ulrika Eriksson, Thanh Wang, Leo W.Y. Yeung. Wide-spread contamination of perfluoro-4-ethylcyclohexanesulfonate (PFECHS) in the Nordic countries. Oral. The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
45. Yitao Pan, Jingzhi Yao, Leo W.Y. Yeung, Jiayin Dai. Quantitative measurements of emerging perfluoroether carboxylic acids in surface water using UHPLC-MS/MS. Oral. The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
46. Maria K. Björnsdotter, Leo W. Y. Yeung, Anna Karrman, Ingrid Ericson Jogsten. Direct injection analysis by supercritical fluid chromatography coupled to tandem mass spectrometry of trifluoroacetic acid in water connected to suspected point sources. Oral

47. Jean-Noel Uwayezu, Ingrid Ericson Jogsten. Potential of low-cost alternatives for remediation of PFAS contaminated waters. Oral. The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
48. Felicia Fredriksson, Anna Kärrman, Ulrika Eriksson, Leo W.Y. Yeung. Characterisation of technical mixtures containing side-chain fluorinated polymers. Oral The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
49. Rudolf Aro, Jean Noel Uwayezu, Anna Kärrman, Leo W.Y. Yeung. PFAS and fluorine mass balance analysis of whole blood samples from Sweden. Oral The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
50. Rudolf Aro, Jean Noel Uwayezy, Anna Kärrman, Pernilla Marianne Carlsson, Leo W.Y. Yeung. Fluorine mass balance analysis of environmental samples from Lake Mjøsa in Norway. Poster. The 39th International Symposium on Halogenated Persistent Organic Pollutants, Dioxin 2019, 25-30 August, Kyoto Japan
51. Helena Romelsjö, Maria Larsson, Maud Söderberg, The former gas work at Rydal. 26th International Symposium on Polycyclic Aromatic Compounds. Poster Presentation. 9 – 12 September 2019. Örebro, Sweden.

Popular scientific publications

1. Svenska Dagbladet Debatt 2019-03-03 Bästa glidet ett hot mot miljö och hälsa.
2. Kemisk Tidskrift ”Tillsatser som släcker skogsbränder” Anna Kärrman No2 2019.

Reports

1. Rotander A, Kärrman A. ”Microplastics in Södertälje: From Lake Mälaren to the Baltic Sea”. Naturvårdsverket 2019. urn:nbn:se:naturvardsverket:diva-8111
2. Rotander A, Kärrman A. ”Mikroplaster i Vänern, Vättern, Mälaren och Hjälmaren 2017”. Vätternvårdsförbundet Rapport 131. http://www.vattern.org/wp-content/uploads/2019/03/webb-Rapport-Mikroplaster-i-Stora-sjöar-slut.pdf
3. Yeung LWY, Eriksson U, Kärrman A. “Tidstrend av oidentifierade poly- och perfluorerade alkylämnen i slam från reningsverk i Sverige. Naturvårdsverket 2017. urn:nbn:se:oru:diva-61515
4. Van Hees, P et al. Branched and linear forms of PFAS – A means of a more comprehensive assessment of environmental impacts, report published on Eurofins.se, rev April 18
5. Van Hees, P et al. Analysis of the unknown pool of PFAS: Total Oxidizable Precursors (TOP), PFOS Precursor (PreFOS) and Telomer Degradation, report published on Eurofins.se, June 17
6. Fredriksson, F., Eriksson, U., Kärrman, A., & Yeung, L. (2020). A Pilot Study of the Fluorinated Ingredient of Scotchgard Products and Their Levels in WWTP Sludge and Landfill Leachate from Sweden. DiVA, id: diva2:1412622

PhD dissertations

1. Monika Lam (2018): “Characterization of PAH-contaminated soil with focus on bioavailability, mobility and biological activity”.
2. Christine Schönlau (2019): “Microplastics in the marine environment and the assessment of potential adverse effects by plastic-derived chemicals”.