Martin Hansen

List of Publications by Year
in descending order

79 papers	2,330 citations	218677 26 h-index	243625 44 g-index
81 all docs	81 docs citations	81 times ranked	3201 citing authors

#	Article	IF	Citations
1	Plastic nanoparticles cause mild inflammation, disrupt metabolic pathways, change the gut microbiota and affect reproduction in zebrafish: A full generation multi-omics study. Journal of Hazardous Materials, 2022, 424, 127705.	12.4	30
2	Reservoir of Antibiotic Residues and Resistant Coagulase Negative Staphylococci in a Healthy Population in the Greater Accra Region, Ghana. Antibiotics, 2022, 11, 119.	3.7	3
3	A multi-omics approach unravels metagenomic and metabolic alterations of a probiotic and synbiotic additive in rainbow trout (Oncorhynchus mykiss). Microbiome, 2022, 10, 21.	11.1	25
4	Long-term fertilization with urban and animal wastes enhances soil quality but introduces pharmaceuticals and personal care products. Agronomy for Sustainable Development, 2022, 42, 1.	5.3	4
5	PFOS-induced thyroid hormone system disrupted rats display organ-specific changes in their transcriptomes. Environmental Pollution, 2022, 305, 119340.	7.5	22
6	Grandmother's pesticide exposure revealed bi-generational effects in Daphnia magna. Aquatic Toxicology, 2021, 236, 105861.	4.0	16
7	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. Scientific Data, 2021, 8, 223.	5.3	14
8	Non-target analysis of organic waste amended agricultural soils: Characterization of added organic pollution. Chemosphere, 2021, 280, 130582.	8.2	21
9	In situ formation of environmental endocrine disruptors from phytosterol degradation: a temporal model for agricultural soils. Environmental Sciences: Processes and Impacts, 2021, 23, 855-866.	3.5	5
10	Migratory and diurnal activity of North Atlantic killer whales (Orcinus orca) off northern Norway. Journal of Experimental Marine Biology and Ecology, 2020, 533, 151456.	1.5	12
11	Body mass, mercury exposure, biochemistry and untargeted metabolomics of incubating common eiders (Somateria mollissima) in three Baltic colonies. Environment International, 2020, 142, 105866.	10.0	13
12	Two novel bacteriophage genera from a groundwater reservoir highlight subsurface environments as underexplored biotopes in bacteriophage ecology. Scientific Reports, 2020, 10, 11879.	3.3	16
13	Detection and quantification of antibiotic residues in urine samples of healthy individuals from rural and urban communities in Ghana using a validated SPE-LC-MS/MS method. SN Applied Sciences, 2020, 2, 1.	2.9	3
14	Exposure of consumers to substandard antibiotics from selected authorised and unauthorised medicine sales outlets in Ghana. Tropical Medicine and International Health, 2020, 25, 962-975.	2.3	17
15	Isolation and characterisation of novel phages infecting Lactobacillus plantarum and proposal of a new genus, â€œSilenusvirusâ€• Scientific Reports, 2020, 10, 8763.	3.3	7
16	ERGO: Breaking Down the Wall between Human Health and Environmental Testing of Endocrine Disrupters. International Journal of Molecular Sciences, 2020, 21, 2954.	4.1	31
17	The selective 5-HT2A receptor agonist 25CN-NBOH: Structure-activity relationship, in vivo pharmacology, and in vitro and ex vivo binding characteristics of [3H]25CN-NBOH. Biochemical Pharmacology, 2020, 177, 113979.	4.4	15
18	Are vitamins A and E associated with persistent organic pollutants and fatty acids in the blubber of highly contaminated killer whales (Orcinus orca) from Greenland?. Environmental Research, 2019, 177, 108602.	7.5	8

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19	Expanding the Diversity of Myoviridae Phages Infecting Lactobacillus plantarumâ€"A Novel Lineage of Lactobacillus Phages Comprising Five New Members. Viruses, 2019, 11, 611.	3.3	18
20	Nitrate: An Environmental Endocrine Disruptor? A Review of Evidence and Research Needs. Environmental Science & Technology, 2018, 52, 3869-3887.	10.0	64
21	Biotransformation of AFFF Component 6:2 Fluorotelomer Thioether Amido Sulfonate Generates 6:2 Fluorotelomer Thioether Carboxylate under Sulfate-Reducing Conditions. Environmental Science and Technology Letters, 2018, 5, 283-288.	8.7	54
22	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. Toxicological and Environmental Chemistry, 2018, 100, 769-784.	1.2	3
23	The impact of exercise training and resveratrol supplementation on gut microbiota composition in high-fat diet fed mice. Physiological Reports, 2018, 6, e13881.	1.7	24
24	Pollution threatens toothed whales. Science, 2018, 361, 1208-1208.	12.6	26
25	Protect Denmarkâ€™s groundwater from pesticides. Nature, 2018, 562, 192-192.	27.8	5
26	Feeding habits of a new Arctic predator: insight from full-depth blubber fatty acid signatures of Greenland, Faroe Islands, Denmark, and managed-care killer whales Orcinus orca. Marine Ecology - Progress Series, 2018, 603, 1-12.	1.9	21
27	Steroid hormones in multiple tissues of East Greenland polar bears (Ursus maritimus). Polar Biology, 2017, 40, 37-49.	1.2	6
28	Blubber-depth distribution and bioaccumulation of PCBs and organochlorine pesticides in Arctic-invading killer whales. Science of the Total Environment, 2017, 601-602, 237-246.	8.0	48
29	Is nitrate an endocrine disruptor?. Integrated Environmental Assessment and Management, 2017, 13, 210-212.	2.9	4
30	Circulating thyroid hormones and associated metabolites in white whales (Delphinapterus leucas) determined using isotope-dilution mass spectrometry. Environmental Research, 2017, 156, 128-131.	7.5	6
31	Incorporation of 14C-cholesterol in human adrenal corticocarcinoma H295R cell line and online-radiodetection of produced 14C-steroid hormone metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 569-575.	2.8	4
32	Relationships between POPs, biometrics and circulating steroids in male polar bears (Ursus maritimus) from Svalbard. Environmental Pollution, 2017, 230, 598-608.	7.5	20
33	From silent spring to silent night: Agrochemicals and the anthropocene. Elementa, 2017, 5, .	3.2	49
34	A novel method for analysing key corticosteroids in polar bear (Ursus maritimus) hair using liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1017-1018, 45-51.	2.3	13
35	Synthesis and evaluation of 18F-labeled 5-HT2A receptor agonists as PET ligands. Nuclear Medicine and Biology, 2016, 43, 455-462.	0.6	18
36	Pharmaceutical Residues Affecting the UNESCO Biosphere Reserve Kristianstads Vattenrike Wetlands: Sources and Sinks. Archives of Environmental Contamination and Toxicology, 2016, 71, 423-436.	4.1	8

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37	Quantification of 11 thyroid hormones and associated metabolites in blood using isotope-dilution liquid chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 5429-5442.	3.7	51
38	Quantification of 11 thyroid hormones and associated metabolites in blood using isotope-dilution liquid chromatography tandem mass spectrometry. , 2016, 408, 5429.		1
39	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin. , 2015, 3, cov016.		19
40	Hydroxylated polychlorinated biphenyls decrease circulating steroids in female polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.5	44
41	Steroid hormone profile in female polar bears (Ursus maritimus). Polar Biology, 2015, 38, 1183-1194.	1.2	8
42	Animal Manure Separation Technologies Diminish the Environmental Burden of Steroid Hormones. Environmental Science and Technology Letters, 2015, 2, 133-137.	8.7	8
43	Tebuconazole disrupts steroidogenesis in Xenopus laevis. Aquatic Toxicology, 2015, 168, 28-37.	4.0	56
44	Mixture Effects of 3 Mechanistically Different Steroidogenic Disruptors (Prochloraz, Genistein, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	5
45	Synthesis and pharmacological evaluation of N-benzyl substituted 4-bromo-2,5-dimethoxyphenethylamines as 5-HT2A/2C partial agonists. Bioorganic and Medicinal Chemistry, 2015, 23, 3933-3937.	3.0	25
46	Liquid chromatography tandem mass spectrometry method using solid-phase extraction and bead-beating-assisted matrix solid-phase dispersion to quantify the fungicide tebuconazole in controlled frog exposure study: analysis of water and animal tissue. Analytical and Bioanalytical Chemistry, 2014, 406, 7677-7685.	3.7	12
47	A Prodrug Approach Involving In Situ Depot Formation to Achieve Localized and Sustained Action of Diclofenac After Joint Injection. Journal of Pharmaceutical Sciences, 2014, 103, 4021-4029.	3.3	10
48	Analytical sample preparation strategies for the determination of antimalarial drugs in human whole blood, plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 962, 109-131.	2.3	15
49	Redistribution and persistence of microorganisms and steroid hormones after soil-injection of swine slurry. Science of the Total Environment, 2014, 466-467, 1003-1010.	8.0	15
50	Synthesis and Structureâ€“Activity Relationships of N-Benzyl Phenethylamines as 5-HT_{2A/2C} Agonists. ACS Chemical Neuroscience, 2014, 5, 243-249.	3.5	103
51	Determination of thirteen antibiotics in drug products â€“ A new LC-MS/MS tool for screening drug product quality. Analytical Methods, 2014, 6, 5847-5855.	2.7	17
52	Accelerating preclinical PET-screening: reductive amination with [11C]methoxybenzaldehydes. RSC Advances, 2014, 4, 21347-21350.	3.6	10
53	Serotonin 2A Receptor Agonist Binding in the Human Brain with [¹¹C]Cimbi-36. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1188-1196.	4.3	88
54	Antibiotic Exposure in a Low-Income Country: Screening Urine Samples for Presence of Antibiotics and Antibiotic Resistance in Coagulase Negative Staphylococcal Contaminants. PLoS ONE, 2014, 9, e113055.	2.5	32

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55	Quantification of four ionophores in soil, sediment and manure using pressurised liquid extraction. Journal of Chromatography A, 2013, 1307, 27-33.	3.7	15
56	Development of a solid phase extraction method for the simultaneous determination of steroid hormones in H295R cell line using liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 935, 61-69.	2.3	20
57	Biogas final digestive byproduct applied to croplands as fertilizer contains high levels of steroid hormones. Environmental Pollution, 2013, 180, 368-371.	7.5	19
58	Abiotic degradation of antibiotic ionophores. Environmental Pollution, 2013, 182, 177-183.	7.5	33
59	Simultaneous determination of endogenous steroid hormones in human and animal plasma and serum by liquid or gas chromatography coupled to tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 928, 58-77.	2.3	60
60	Pollution Pathways of Pharmaceutical Residues in the Aquatic Environment on the Island of Mallorca, Spain. Archives of Environmental Contamination and Toxicology, 2013, 65, 56-66.	4.1	59
61	Corticosteroid Production in H295R Cells During Exposure to 3 Endocrine Disrupters Analyzed With LC-MS/MS. International Journal of Toxicology, 2013, 32, 219-227.	1.2	20
62	Development and validation of an SPE methodology combined with LC-MS/MS for the determination of four ionophores in aqueous environmental matrices. International Journal of Environmental Analytical Chemistry, 2013, 93, 1500-1512.	3.3	14
63	Time-related survival effects of two gluconasturtiin hydrolysis products on the terrestrial isopod Porcellio scaber. Chemosphere, 2012, 89, 1084-1090.	8.2	11
64	H295R cells as a model for steroidogenic disruption: A broader perspective using simultaneous chemical analysis of 7 key steroid hormones. Toxicology in Vitro, 2012, 26, 343-350.	2.4	59
65	Development of an analytical methodology for the determination of the antiparasitic drug toltrazuril and its two metabolites in surface water, soil and animal manure. Analytica Chimica Acta, 2012, 755, 69-76.	5.4	32
66	Molecular and life-history effects of a natural toxin on herbivorous and non-target soil arthropods. Ecotoxicology, 2012, 21, 1084-1093.	2.4	19
67	Biotic transformation of anticoccidials in soil using a lab-scale bio-reactor as a precursor-tool. Chemosphere, 2012, 86, 212-215.	8.2	10
68	Determination of ten steroid hormones in animal waste manure and agricultural soil using inverse and integrated clean-up pressurized liquid extraction and gas chromatography-tandem mass spectrometry. Analytical Methods, 2011, 3, 1087.	2.7	34
69	Analysis and environmental concentrations of the herbicide dichlobenil and its main metabolite 2,6-dichlorobenzamide (BAM): A review. Science of the Total Environment, 2011, 409, 2343-2356.	8.0	36
70	Dichlobenil and 2,6-dichlorobenzamide (BAM) in the environment: What are the risks to humans and biota?. Science of the Total Environment, 2011, 409, 3732-3739.	8.0	23
71	Determination of steroid hormones in blood by GCâ€“MS/MS. Analytical and Bioanalytical Chemistry, 2011, 400, 3409-3417.	3.7	89
72	Possibilities and limitations of the sequential injection chromatography technique for the determination of anticoccidial agents in water, pharmaceutical formulations and feed. Microchemical Journal, 2011, 98, 190-199.	4.5	12

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73	Multiresidue method for the determination of 32 human and veterinary pharmaceuticals in soil and sediment by pressurized-liquid extraction and LC-MS/MS. Analytical and Bioanalytical Chemistry, 2010, 398, 1173-1184.	3.7	56
74	Determination of pharmaceuticals in environmental and biological matrices using pressurised liquid extractionâ€"Are we developing sound extraction methods?. Journal of Chromatography A, 2010, 1217, 2447-2470.	3.7	65
75	Analytical strategies for assessing ionophores in the environment. TrAC - Trends in Analytical Chemistry, 2009, 28, 521-533.	11.4	42
76	Environmental risk assessment of ionophores. TrAC - Trends in Analytical Chemistry, 2009, 28, 534-542.	11.4	53
77	Fate and antibacterial potency of anticoccidial drugs and their main abiotic degradation products. Environmental Pollution, 2009, 157, 474-480.	7.5	42
78	Leaching of Estrogenic Hormones from Manure-Treated Structured Soils. Environmental Science & Technology, 2007, 41, 3911-3917.	10.0	168
79	Assessment of the importance of sorption for steroid estrogens removal during activated sludge treatment. Chemosphere, 2005, 61, 139-146.	8.2	167