

Anders Ruus

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

1,737
citations

22
h-index

40
g-index

60
ext. papers

1,967
ext. citations

5.9
avg, IF

4.45
L-index

#	Paper	IF	Citations
59	Land-cover, climate, and fjord morphology drive differences in organic matter and nutrient dynamics in two contrasting northern river-fjord systems. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 107831	3.9	0
58	Small Arctic rivers transport legacy contaminants from thawing catchments to coastal areas in Kongsfjorden, Svalbard.. <i>Environmental Pollution</i> , 2022 , 304, 119191	9.3	1
57	Is Glacial Meltwater a Secondary Source of Legacy Contaminants to Arctic Coastal Food Webs?. <i>Environmental Science & Technology</i> , 2022 , 56, 6337-6348	10.3	3
56	Seasonal rainfall affects occurrence of organohalogen contaminants in tropical marine fishes and prawns from Zanzibar, Tanzania. <i>Science of the Total Environment</i> , 2021 , 774, 145652	10.2	1
55	Maternal transfer and occurrence of siloxanes, chlorinated paraffins, metals, PFAS and legacy POPs in herring gulls (<i>Larus argentatus</i>) of different urban influence. <i>Environment International</i> , 2021 , 152, 106478	12.9	4
54	Common Eider and Herring Gull as Contaminant Indicators of Different Ecological Niches of an Urban Fjord System. <i>Integrated Environmental Assessment and Management</i> , 2021 , 17, 422-433	2.5	3
53	Partitioning of persistent hydrophobic contaminants to different storage lipid classes. <i>Chemosphere</i> , 2021 , 263, 127890	8.4	1
52	Occurrence and trophic transport of organic compounds in sedimentation ponds for road runoff. <i>Science of the Total Environment</i> , 2021 , 751, 141808	10.2	3
51	Isotopic niche differs between seal and fish-eating killer whales () in northern Norway. <i>Ecology and Evolution</i> , 2020 , 10, 4115-4127	2.8	14
50	Preying on seals pushes killer whales from Norway above pollution effects thresholds. <i>Scientific Reports</i> , 2020 , 10, 11888	4.9	9
49	Quantifying Bioaccumulation in the Aquatic Environment. <i>Methods in Pharmacology and Toxicology</i> , 2019 , 1	1.1	2
48	Implications of Coastal Darkening for Contaminant Transport, Bioavailability, and Trophic Transfer in Northern Coastal Waters. <i>Environmental Science & Technology</i> , 2019 , 53, 7180-7182	10.3	5
47	Possible adverse impact of contaminants on Atlantic cod population dynamics in coastal ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191167	4.4	1
46	Additive Models Reveal Sources of Metals and Organic Pollutants in Norwegian Marine Sediments. <i>Environmental Science & Technology</i> , 2017 , 51, 12764-12773	10.3	13
45	Mercury concentration trend as a possible result of changes in cod population demography. <i>Marine Environmental Research</i> , 2017 , 130, 85-92	3.3	6
44	Blue mussels (<i>Mytilus edulis</i> spp.) as sentinel organisms in coastal pollution monitoring: A review. <i>Marine Environmental Research</i> , 2017 , 130, 338-365	3.3	221
43	Comparison of caged and native blue mussels (<i>Mytilus edulis</i> spp.) for environmental monitoring of PAH, PCB and trace metals. <i>Marine Environmental Research</i> , 2017 , 130, 221-232	3.3	21

42	The effect of dietary lipid composition on the intestinal uptake and tissue distribution of benzo[a]pyrene and phenanthrene in Atlantic salmon (<i>Salmo salar</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 185-186, 65-76	3.2	9
41	Toxicokinetics of pyrene in the freshwater alga <i>Chara rudis</i> . <i>Chemosphere</i> , 2016 , 157, 49-56	8.4	4
40	Effect of diet, location and sampling year on bioaccumulation of mercury, selenium and cadmium in pelagic feeding seabirds in Svalbard. <i>Chemosphere</i> , 2015 , 122, 14-22	8.4	14
39	Toxic and essential elements changed in black-legged kittiwakes (<i>Rissa tridactyla</i>) during their stay in an Arctic breeding area. <i>Science of the Total Environment</i> , 2015 , 502, 548-56	10.2	12
38	Methylmercury biomagnification in an Arctic pelagic food web. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 2636-43	3.8	39
37	Environmental risk assessment of combined effects in aquatic ecotoxicology: a discussion paper. <i>Marine Environmental Research</i> , 2014 , 96, 81-91	3.3	109
36	Estimating trophic levels and trophic magnification factors using Bayesian inference. <i>Environmental Science & Technology</i> , 2013 , 47, 11599-606	10.3	22
35	In vivo bioaccumulation of contaminants from historically polluted sediments - relation to bioavailability estimates. <i>Science of the Total Environment</i> , 2013 , 442, 336-43	10.2	10
34	Biomarker responses in Atlantic cod (<i>Gadus morhua</i>) exposed to produced water from a North Sea oil field: laboratory and field assessments. <i>Marine Pollution Bulletin</i> , 2012 , 64, 144-152	6.7	43
33	Measuring nonpolar organic contaminant partitioning in three Norwegian sediments using polyethylene passive samplers. <i>Science of the Total Environment</i> , 2012 , 423, 125-31	10.2	25
32	Explaining differences between bioaccumulation measurements in laboratory and field data through use of a probabilistic modeling approach. <i>Integrated Environmental Assessment and Management</i> , 2012 , 8, 42-63	2.5	54
31	Accumulation of polychlorinated biphenyls from contaminated sediment by Atlantic cod (<i>Gadus morhua</i>): direct accumulation from resuspended sediment and dietary accumulation via the polychaete <i>Nereis virens</i> . <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2472-81	3.8	18
30	Differences between Arctic and Atlantic fjord systems on bioaccumulation of persistent organic pollutants in zooplankton from Svalbard. <i>Science of the Total Environment</i> , 2011 , 409, 2783-95	10.2	40
29	PAH body burden and biomarker responses in mussels (<i>Mytilus edulis</i>) exposed to produced water from a North Sea oil field: laboratory and field assessments. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1498-505	6.7	33
28	Influence of season, location, and feeding strategy on bioaccumulation of halogenated organic contaminants in Arctic marine zooplankton. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 77-87	3.8	38
27	Seasonality in contaminant accumulation in Arctic marine pelagic food webs using trophic magnification factor as a measure of bioaccumulation. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1026-35	3.8	59
26	Identification of the most influential factors in the Norwegian guidelines for risk assessment of dispersion of contaminants from sediments. <i>Integrated Environmental Assessment and Management</i> , 2011 , 7, 657-67	2.5	4
25	Water column monitoring of the biological effects of produced water from the Ekofisk offshore oil installation from 2006 to 2009. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 582-604	3.2	51

24	Accumulation of polychlorinated dibenzo-p-dioxins and furans in Atlantic cod (<i>Gadus morhua</i>)--cage experiments in a Norwegian Fjord. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 455-65	3.2	6
23	Bioavailability of PAHs in aluminum smelter affected sediments: evaluation through assessment of pore water concentrations and in vivo bioaccumulation. <i>Environmental Science & Technology</i> , 2010 , 44, 9291-7	10.3	17
22	Development of sediment quality criteria in Norway. <i>Journal of Soils and Sediments</i> , 2010 , 10, 172-178	3.4	110
21	Post World War II orcharding creates present day DDT-problems in The Sjøfjord (Western Norway)--a case study. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1856-61	6.7	10
20	Simulating climate change-induced alterations in bioaccumulation of organic contaminants in an Arctic marine food web. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1349-57	3.8	52
19	Bioavailability of hexabromocyclododecane to the polychaete <i>Hediste diversicolor</i> : exposure through sediment and food from a contaminated fjord. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1709-15	3.8	7
18	Relationships between physiology, tissue contaminants, and biomarker responses in Atlantic cod (<i>Gadus morhua</i> L.). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 226-33	3.2	18
17	Bioaccumulation and lack of oxidative stress response in the ragworm <i>H. diversicolor</i> following exposure to 226Ra in sediment. <i>Journal of Environmental Radioactivity</i> , 2009 , 100, 429-34	2.4	13
16	Accumulation and disposition of hexabromocyclododecane (HBCD) in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2009 , 95, 144-51	5.1	26
15	Water column monitoring near oil installations in the North Sea 2001-2004. <i>Marine Pollution Bulletin</i> , 2008 , 56, 414-29	6.7	92
14	Brominated flame retardants in North-East Atlantic marine ecosystems. <i>Environmental Health Perspectives</i> , 2007 , 115 Suppl 1, 35-41	8.4	74
13	PCB-containing paint and plaster caused extreme PCB-concentrations in biota from the Sjøfjord (Western Norway)--a case study. <i>Marine Pollution Bulletin</i> , 2006 , 52, 100-3	6.7	12
12	Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in the Grenlandfjords (Norway)--disposition, levels, and effects. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006 , 69, 185-200	3.2	13
11	Disposition of arsenobetaine in two marine fish species following administration of a single oral dose of [14C]arsenobetaine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006 , 143, 171-8	3.2	11
10	Disposition of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in two Norwegian epibenthic marine food webs. <i>Chemosphere</i> , 2006 , 62, 1856-68	8.4	31
9	Predicting low biota to sediment accumulation factors of PAHs by using infinite-sink and equilibrium extraction methods as well as BC-inclusive modeling. <i>Chemosphere</i> , 2006 , 64, 1412-20	8.4	42
8	Bioaccumulation of native polycyclic aromatic hydrocarbons from sediment by a polychaete and a gastropod: freely dissolved concentrations and activated carbon amendment. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2349-55	3.8	69
7	Cadmium accumulation and Cd-binding proteins in marine invertebrates--a radiotracer study. <i>Chemosphere</i> , 2005 , 61, 1651-64	8.4	19

6	Experimental results on bioaccumulation of metals and organic contaminants from marine sediments. <i>Aquatic Toxicology</i> , 2005 , 72, 273-92	5.1	77
5	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 2356-2364	3.8	87
4	Factors influencing activities of biotransformation enzymes, concentrations and compositional patterns of organochlorine contaminants in members of a marine food web. <i>Aquatic Toxicology</i> , 2002 , 61, 73-87	5.1	34
3	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web 2002 , 21, 2356		5
2	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 2356-64	3.8	6
1	Disposition and depuration of lindane (HCH) and polychlorinated biphenyl-110 (2,3,3',4',6-pentachlorobiphenyl) in cod (<i>Gadus morhua</i>) and bullrout (<i>Myoxocephalus scorpius</i>) after single oral exposures. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 2377-2382	3.8	13