Anders Ruus

List of Publications by Citations

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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	Blue mussels (Mytilus edulis spp.) as sentinel organisms in coastal pollution monitoring: A review. *Marine Environmental Research*, **2017**, 130, 338-365	3.3	221
58	Development of sediment quality criteria in Norway. *Journal of Soils and Sediments*, **2010**, 10, 172-178	3.4	110
57	Environmental risk assessment of combined effects in aquatic ecotoxicology: a discussion paper. *Marine Environmental Research*, **2014**, 96, 81-91	3.3	109
56	Water column monitoring near oil installations in the North Sea 2001-2004. *Marine Pollution Bulletin*, **2008**, 56, 414-29	6.7	92
55	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. *Environmental Toxicology and Chemistry*, **2002**, 21, 2356-2364	3.8	87
54	Experimental results on bioaccumulation of metals and organic contaminants from marine sediments. *Aquatic Toxicology*, **2005**, 72, 273-92	5.1	77
53	Brominated flame retardants in North-East Atlantic marine ecosystems. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 35-41	8.4	74
52	Bioaccumulation of native polycyclic aromatic hydrocarbons from sediment by a polychaete and a gastropod: freely dissolved concentrations and activated carbon amendment. *Environmental Toxicology and Chemistry*, **2006**, 25, 2349-55	3.8	69
51	Seasonality in contaminant accumulation in Arctic marine pelagic food webs using trophic magnification factor as a measure of bioaccumulation. *Environmental Toxicology and Chemistry*, **2011**, 30, 1026-35	3.8	59
50	Explaining differences between bioaccumulation measurements in laboratory and field data through use of a probabilistic modeling approach. *Integrated Environmental Assessment and Management*, **2012**, 8, 42-63	2.5	54
49	Simulating climate change-induced alterations in bioaccumulation of organic contaminants in an Arctic marine food web. *Environmental Toxicology and Chemistry*, **2010**, 29, 1349-57	3.8	52
48	Water column monitoring of the biological effects of produced water from the Ekofisk offshore oil installation from 2006 to 2009. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 582-604	3.2	51
47	Biomarker responses in Atlantic cod (Gadus morhua) exposed to produced water from a North Sea oil field: laboratory and field assessments. *Marine Pollution Bulletin*, **2012**, 64, 144-152	6.7	43
46	Predicting low biota to sediment accumulation factors of PAHs by using infinite-sink and equilibrium extraction methods as well as BC-inclusive modeling. *Chemosphere*, **2006**, 64, 1412-20	8.4	42
45	Differences between Arctic and Atlantic fjord systems on bioaccumulation of persistent organic pollutants in zooplankton from Svalbard. *Science of the Total Environment*, **2011**, 409, 2783-95	10.2	40
44	Methylmercury biomagnification in an Arctic pelagic food web. *Environmental Toxicology and Chemistry*, **2015**, 34, 2636-43	3.8	39
43	Influence of season, location, and feeding strategy on bioaccumulation of halogenated organic contaminants in Arctic marine zooplankton. *Environmental Toxicology and Chemistry*, **2011**, 30, 77-87	3.8	38

42	Factors influencing activities of biotransformation enzymes, concentrations and compositional patterns of organochlorine contaminants in members of a marine food web. *Aquatic Toxicology*, **2002**, 61, 73-87	5.1	34
41	PAH body burden and biomarker responses in mussels (Mytilus edulis) exposed to produced water from a North Sea oil field: laboratory and field assessments. *Marine Pollution Bulletin*, **2011**, 62, 1498-505	6.7	33
40	Disposition of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in two Norwegian epibenthic marine food webs. *Chemosphere*, **2006**, 62, 1856-68	8.4	31
39	Accumulation and disposition of hexabromocyclododecane (HBCD) in juvenile rainbow trout (Oncorhynchus mykiss). *Aquatic Toxicology*, **2009**, 95, 144-51	5.1	26
38	Measuring nonpolar organic contaminant partitioning in three Norwegian sediments using polyethylene passive samplers. *Science of the Total Environment*, **2012**, 423, 125-31	10.2	25
37	Estimating trophic levels and trophic magnification factors using Bayesian inference. *Environmental Science & Technology*, **2013**, 47, 11599-606	10.3	22
36	Comparison of caged and native blue mussels (Mytilus edulis spp.) for environmental monitoring of PAH, PCB and trace metals. *Marine Environmental Research*, **2017**, 130, 221-232	3.3	21
35	Cadmium accumulation and Cd-binding proteins in marine invertebrates--a radiotracer study. *Chemosphere*, **2005**, 61, 1651-64	8.4	19
34	Accumulation of polychlorinated biphenyls from contaminated sediment by Atlantic cod (Gadus morhua): direct accumulation from resuspended sediment and dietary accumulation via the polychaete Nereis virens. *Environmental Toxicology and Chemistry*, **2012**, 31, 2472-81	3.8	18
33	Relationships between physiology, tissue contaminants, and biomarker responses in Atlantic cod (Gadus morhua L.). *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2009**, 72, 226-33	3.2	18
32	Bioavailability of PAHs in aluminum smelter affected sediments: evaluation through assessment of pore water concentrations and in vivo bioaccumulation. *Environmental Science & Technology*, **2010**, 44, 9291-7	10.3	17
31	Effect of diet, location and sampling year on bioaccumulation of mercury, selenium and cadmium in pelagic feeding seabirds in Svalbard. *Chemosphere*, **2015**, 122, 14-22	8.4	14
30	Isotopic niche differs between seal and fish-eating killer whales () in northern Norway. *Ecology and Evolution*, **2020**, 10, 4115-4127	2.8	14
29	Additive Models Reveal Sources of Metals and Organic Pollutants in Norwegian Marine Sediments. *Environmental Science & Technology*, **2017**, 51, 12764-12773	10.3	13
28	Bioaccumulation and lack of oxidative stress response in the ragworm H. diversicolor following exposure to 226Ra in sediment. *Journal of Environmental Radioactivity*, **2009**, 100, 429-34	2.4	13
27	Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in the Grenlandfjords (Norway)--disposition, levels, and effects. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2006**, 69, 185-200	3.2	13
26	Disposition and depuration of lindane (HCH) and polychlorinated biphenyl-110 (2,3,3?,4?,6-pentachlorobiphenyl) in cod (Gadus morhua) and bullrout (Myoxocephalus scorpius) after single oral exposures. *Environmental Toxicology and Chemistry*, **2001**, 20, 2377-2382	3.8	13
25	Toxic and essential elements changed in black-legged kittiwakes (Rissa tridactyla) during their stay in an Arctic breeding area. *Science of the Total Environment*, **2015**, 502, 548-56	10.2	12

24	PCB-containing paint and plaster caused extreme PCB-concentrations in biota from the Sørfjord (Western Norway)--a case study. *Marine Pollution Bulletin*, **2006**, 52, 100-3	6.7	12
23	Disposition of arsenobetaine in two marine fish species following administration of a single oral dose of [14C]arsenobetaine. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2006**, 143, 171-8	3.2	11
22	In vivo bioaccumulation of contaminants from historically polluted sediments - relation to bioavailability estimates. *Science of the Total Environment*, **2013**, 442, 336-43	10.2	10
21	Post World War II orcharding creates present day DDT-problems in The Sørfjord (Western Norway)--a case study. *Marine Pollution Bulletin*, **2010**, 60, 1856-61	6.7	10
20	The effect of dietary lipid composition on the intestinal uptake and tissue distribution of benzo[a]pyrene and phenanthrene in Atlantic salmon (Salmo salar). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2016**, 185-186, 65-76	3.2	9
19	Preying on seals pushes killer whales from Norway above pollution effects thresholds. *Scientific Reports*, **2020**, 10, 11888	4.9	9
18	Bioavailability of hexabromocyclododecane to the polychaete Hediste diversicolor: exposure through sediment and food from a contaminated fjord. *Environmental Toxicology and Chemistry*, **2010**, 29, 1709-15	3.8	7
17	Mercury concentration trend as a possible result of changes in cod population demography. *Marine Environmental Research*, **2017**, 130, 85-92	3.3	6
16	Accumulation of polychlorinated dibenzo-p-dioxins and furans in Atlantic cod (Gadus morhua)--cage experiments in a Norwegian Fjord. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 455-65	3.2	6
15	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. *Environmental Toxicology and Chemistry*, **2002**, 21, 2356-64	3.8	6
14	Implications of Coastal Darkening for Contaminant Transport, Bioavailability, and Trophic Transfer in Northern Coastal Waters. *Environmental Science & Technology*, **2019**, 53, 7180-7182	10.3	5
13	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web **2002**, 21, 2356		5
12	Identification of the most influential factors in the Norwegian guidelines for risk assessment of dispersion of contaminants from sediments. *Integrated Environmental Assessment and Management*, **2011**, 7, 657-67	2.5	4
11	Maternal transfer and occurrence of siloxanes, chlorinated paraffins, metals, PFAS and legacy POPs in herring gulls (Larus argentatus) of different urban influence. *Environment International*, **2021**, 152, 106478	12.9	4
10	Toxicokinetics of pyrene in the freshwater alga Chara rudis. *Chemosphere*, **2016**, 157, 49-56	8.4	4
9	Common Eider and Herring Gull as Contaminant Indicators of Different Ecological Niches of an Urban Fjord System. *Integrated Environmental Assessment and Management*, **2021**, 17, 422-433	2.5	3
8	Occurrence and trophic transport of organic compounds in sedimentation ponds for road runoff. *Science of the Total Environment*, **2021**, 751, 141808	10.2	3
7	Is Glacial Meltwater a Secondary Source of Legacy Contaminants to Arctic Coastal Food Webs?. *Environmental Science & Technology*, **2022**, 56, 6337-6348	10.3	3

6	Quantifying Bioaccumulation in the Aquatic Environment. *Methods in Pharmacology and Toxicology*, **2019**, 1	1.1	2
5	Possible adverse impact of contaminants on Atlantic cod population dynamics in coastal ecosystems. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20191167	4.4	1
4	Seasonal rainfall affects occurrence of organohalogen contaminants in tropical marine fishes and prawns from Zanzibar, Tanzania. *Science of the Total Environment*, **2021**, 774, 145652	10.2	1
3	Partitioning of persistent hydrophobic contaminants to different storage lipid classes. *Chemosphere*, **2021**, 263, 127890	8.4	1
2	Small Arctic rivers transport legacy contaminants from thawing catchments to coastal areas in Kongsfjorden, Svalbard.. *Environmental Pollution*, **2022**, 304, 119191	9.3	1
1	Land-cover, climate, and fjord morphology drive differences in organic matter and nutrient dynamics in two contrasting northern river-fjord systems. *Estuarine, Coastal and Shelf Science*, **2022**, 107831	2.9	0