Anders Ruus

List of Publications by Year
in descending order

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60	2,202	257101	223531
papers	citations	24 h-index	46 g-index

60	60	60	2871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blue mussels (Mytilus edulis spp.) as sentinel organisms in coastal pollution monitoring: A review. Marine Environmental Research, 2017, 130, 338-365.	1.1	347
2	Development of sediment quality criteria in Norway. Journal of Soils and Sediments, 2010, 10, 172-178.	1.5	144
3	Environmental risk assessment of combined effects in aquatic ecotoxicology: A discussion paper. Marine Environmental Research, 2014, 96, 81-91.	1.1	140
4	Water column monitoring near oil installations in the North Sea 2001â€“2004. Marine Pollution Bulletin, 2008, 56, 414-429.	2.3	103
5	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. Environmental Toxicology and Chemistry, 2002, 21, 2356-2364.	2.2	96
6	Experimental results on bioaccumulation of metals and organic contaminants from marine sediments. Aquatic Toxicology, 2005, 72, 273-292.	1.9	85
7	Brominated Flame Retardants in North-East Atlantic Marine Ecosystems. Environmental Health Perspectives, 2007, 115, 35-41.	2.8	85
8	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.	2.2	77
9	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, 1026-1035.	2.2	71
10	Simulating climate changeâ€induced alterations in bioaccumulation of organic contaminants in an Arctic marine food web. Environmental Toxicology and Chemistry, 2010, 29, 1349-1357.	2.2	63
11	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.	1.6	57
12	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.	1.1	53
13	Methylmercury biomagnification in an Arctic pelagic food web. Environmental Toxicology and Chemistry, 2015, 34, 2636-2643.	2.2	53
14	Differences between Arctic and Atlantic fjord systems on bioaccumulation of persistent organic pollutants in zooplankton from Svalbard. Science of the Total Environment, 2011, 409, 2783-2795.	3.9	50
15	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.	2.3	50
16	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.	2.2	45
17	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, 1412-1420.	4.2	43
18	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.	1.9	40

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19	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, 1498-1505.	2.3	36
20	Disposition of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in two Norwegian epibenthic marine food webs. Chemosphere, 2006, 62, 1856-1868.	4.2	35
21	Accumulation and disposition of hexabromocyclododecane (HBCD) in juvenile rainbow trout (Oncorhynchus mykiss). Aquatic Toxicology, 2009, 95, 144-151.	1.9	28
22	Measuring nonpolar organic contaminant partitioning in three Norwegian sediments using polyethylene passive samplers. Science of the Total Environment, 2012, 423, 125-131.	3.9	28
23	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.	1.1	27
24	Isotopic niche differs between seal and fishâ€eating killer whales (Orcinus orca) in northern Norway. Ecology and Evolution, 2020, 10, 4115-4127.	0.8	27
25	Estimating Trophic Levels and Trophic Magnification Factors Using Bayesian Inference. Environmental Science & Technology, 2013, 47, 11599-11606.	4.6	24
26	Cadmium accumulation and Cd-binding proteins in marine invertebratesâ€"A radiotracer study. Chemosphere, 2005, 61, 1651-1664.	4.2	21
27	Accumulation of polychlorinated biphenyls from contaminated sediment by Atlantic cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Overl polychaete Nereis virens. Environmental Toxicology and Chemistry, 2012, 31, 2472-2481.	2.2	21
28	Relationships Between Physiology, Tissue Contaminants, and Biomarker Responses in Atlantic Cod (Gadus morhuaL.). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 226-233.	1.1	20
29	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.	4.2	19
30	Preying on seals pushes killer whales from Norway above pollution effects thresholds. Scientific Reports, 2020, 10, 11888.	1.6	19
31	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.	4.8	19
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, 9291-9297.	4.6	18
33	Additive Models Reveal Sources of Metals and Organic Pollutants in Norwegian Marine Sediments. Environmental Science & Technology, 2017, 51, 12764-12773.	4.6	18
34	Bioaccumulation and lack of oxidative stress response in the ragworm H. diversicolor following exposure to 226Ra in sediment. Journal of Environmental Radioactivity, 2009, 100, 429-434.	0.9	17
35	Disposition and depuration of lindane (Î³â€HCH) and polychlorinated biphenylâ€110 (2,3,3â€²,4â€²,6â€pentachlorobiphenyl) in cod (Gadus morhua) and bullrout (Myoxocephalus) Tj ETQq1 1 0.784314 rgBT /O		
36	PCB-containing paint and plaster caused extreme PCB-concentrations in biota from the SÃ¸rfjord (Western Norway)â€"A case study. Marine Pollution Bulletin, 2006, 52, 100-103.	2.3	14

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37	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, 171-178.	1.3	13
38	Polychlorinated Dibenzo-p-Dioxins (PCDDs) and Dibenzofurans (PCDFs) in the Grenland Fjords (Norway)â€"Disposition, Levels, and Effects. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 185-200.	1.1	13
39	Post World War II orcharding creates present day DDT-problems in The SÃ¸rfjord (Western Norway) â€“ A case study. Marine Pollution Bulletin, 2010, 60, 1856-1861.	2.3	13
40	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, 548-556.	3.9	13
41	Implications of Coastal Darkening for Contaminant Transport, Bioavailability, and Trophic Transfer in Northern Coastal Waters. Environmental Science & Technology, 2019, 53, 7180-7182.	4.6	13
42	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.	1.3	12
43	Mercury concentration trend as a possible result of changes in cod population demography. Marine Environmental Research, 2017, 130, 85-92.	1.1	12
44	Occurrence and trophic transport of organic compounds in sedimentation ponds for road runoff. Science of the Total Environment, 2021, 751, 141808.	3.9	11
45	In vivo bioaccumulation of contaminants from historically polluted sediments â€" Relation to bioavailability estimates. Science of the Total Environment, 2013, 442, 336-343.	3.9	10
46	Bioavailability of hexabromocyclododecane to the polychaete Hediste diversicolor: Exposure through sediment and food from a contaminated fjord. Environmental Toxicology and Chemistry, 2010, 29, 1709-1715.	2.2	8
47	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.	1.6	8
48	Seasonal rainfall affects occurrence of organohalogen contaminants in tropical marine fishes and prawns from Zanzibar, Tanzania. Science of the Total Environment, 2021, 774, 145652.	3.9	8
49	Accumulation of Polychlorinated Dibenzo-p-Dioxins and Furans in Atlantic Cod (Gadus) Tj ETQq1 1 0.784314 rgBT /Overloc Health - Part A: Current Issues, 2011, 74, 455-465.	1.1	7
50	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. Environmental Toxicology and Chemistry, 2002, 21, 2356-64.	2.2	7
51	Small Arctic rivers transport legacy contaminants from thawing catchments to coastal areas in Kongsfjorden, Svalbard. Environmental Pollution, 2022, 304, 119191.	3.7	6
52	Toxicokinetics of pyrene in the freshwater alga Chara rudis. Chemosphere, 2016, 157, 49-56.	4.2	5
53	Possible adverse impact of contaminants on Atlantic cod population dynamics in coastal ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191167.	1.2	5
54	Partitioning of persistent hydrophobic contaminants to different storage lipid classes. Chemosphere, 2021, 263, 127890.	4.2	5

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55	Influence of trophic position on organochlorine concentrations and compositional patterns in a marine food web. , 2002, 21, 2356.		5
56	Is Glacial Meltwater a Secondary Source of Legacy Contaminants to Arctic Coastal Food Webs?. Environmental Science & Technology, 2022, 56, 6337-6348.	4.6	5
57	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, 657-667.	1.6	4
58	Quantifying Bioaccumulation in the Aquatic Environment. Methods in Pharmacology and Toxicology, 2019, , 1.	0.1	4
59	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, 270, 107831.	0.9	4
60	Passive Sampling Helps the Appraisal of Contaminant Bioaccumulation in Norwegian Fish Used for Regulatory Chemical Monitoring. Environmental Science & Technology, 2022, 56, 7945-7953.	4.6	4