

Igor Eulaers

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,582
citations

186209

28
h-index

206029

48
g-index

82
all docs

82
docs citations

82
times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting global killer whale population collapse from PCB pollution. <i>Science</i> , 2018, 361, 1373-1376.	6.0	252
2	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. <i>Science of the Total Environment</i> , 2019, 696, 133792.	3.9	184
3	Tracking pan-continental trends in environmental contamination using sentinel raptors – what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	1.1	149
4	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. <i>Environment International</i> , 2015, 74, 209-220.	4.8	83
5	Brominated and phosphorus flame retardants in White-tailed Eagle <i>Haliaeetus albicilla</i> nestlings: Bioaccumulation and associations with dietary proxies ($\delta^{13}C$, $\delta^{15}N$ and $\delta^{34}S$). <i>Science of the Total Environment</i> , 2014, 478, 48-57.	3.9	80
6	Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. <i>Environment International</i> , 2019, 127, 462-472.	4.8	80
7	Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 223-226.	5.8	78
8	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. <i>Environmental Science & Technology</i> , 2019, 53, 3526-3537.	4.6	77
9	A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. <i>Environment International</i> , 2011, 37, 622-630.	4.8	73
10	Organophosphorus flame retardants in the European eel in Flanders, Belgium: Occurrence, fate and human health risk. <i>Environmental Research</i> , 2015, 140, 604-610.	3.7	73
11	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. <i>Environment International</i> , 2020, 139, 105725.	4.8	67
12	Measuring environmental stress in East Greenland polar bears, 1892–1927 and 1988–2009: What does hair cortisol tell us?. <i>Environment International</i> , 2012, 45, 15-21.	4.8	65
13	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , 2020, 144, 106037.	4.8	57
14	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. <i>Environmental Science & Technology</i> , 2017, 51, 11431-11439.	4.6	56
15	Relationships between organohalogen contaminants and blood plasma clinical – chemical parameters in chicks of three raptor species from Northern Norway. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 7-17.	2.9	52
16	Blood plasma clinical – chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 76-83.	2.9	48
17	Perfluoroalkyl substances in soft tissues and tail feathers of Belgian barn owls (<i>Tyto alba</i>) using statistical methods for left-censored data to handle non-detects. <i>Environment International</i> , 2013, 52, 9-16.	4.8	45
18	White-Tailed Eagle (<i>Haliaeetus albicilla</i>) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. <i>Environmental Science & Technology</i> , 2019, 53, 12744-12753.	4.6	45

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19	A comparison of non-destructive sampling strategies to assess the exposure of white-tailed eagle nestlings (<i>Haliaeetus albicilla</i>) to persistent organic pollutants. <i>Science of the Total Environment</i> , 2011, 410-411, 258-265.	3.9	43
20	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013, 36, 1525-1529.	0.5	41
21	Legacy and current-use brominated flame retardants in the Barn Owl. <i>Science of the Total Environment</i> , 2014, 472, 454-462.	3.9	41
22	Assessment of persistent brominated and chlorinated organic contaminants in the European eel (<i>Anguilla anguilla</i>) in Flanders, Belgium: Levels, profiles and health risk. <i>Science of the Total Environment</i> , 2014, 482-483, 222-233.	3.9	39
23	Plasma concentrations of organohalogenated pollutants in predatory bird nestlings: Associations to growth rate and dietary tracers. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2520-2527.	2.2	33
24	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, <i>Fregata magnificens</i> . <i>Environmental Pollution</i> , 2016, 214, 384-393.	3.7	31
25	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. <i>Science of the Total Environment</i> , 2021, 750, 142201.	3.9	31
26	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20132-20136.	2.7	30
27	Plasma concentrations of organohalogenated contaminants in white-tailed eagle nestlings – The role of age and diet. <i>Environmental Pollution</i> , 2019, 246, 527-534.	3.7	30
28	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. <i>Science of the Total Environment</i> , 2022, 829, 154445.	3.9	29
29	Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. <i>Environment International</i> , 2013, 57-58, 25-33.	4.8	28
30	Are persistent organic pollutants and metals in eel muscle predictive for the ecological water quality?. <i>Environmental Pollution</i> , 2014, 186, 165-171.	3.7	28
31	Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. <i>Science of the Total Environment</i> , 2017, 580, 26-33.	3.9	28
32	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021, 50, 95-100.	2.8	28
33	Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. <i>Environmental Research</i> , 2017, 158, 277-285.	3.7	26
34	Pollution threatens toothed whales. <i>Science</i> , 2018, 361, 1208-1208.	6.0	26
35	Temporal trends of legacy organochlorines in different white-tailed eagle (<i>Haliaeetus albicilla</i>) subpopulations: A retrospective investigation using archived feathers. <i>Environment International</i> , 2020, 138, 105618.	4.8	26
36	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. <i>Environment International</i> , 2021, 146, 106178.	4.8	25

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37	A review of pathogens in selected Baltic Sea indicator species. <i>Environment International</i> , 2020, 137, 105565.	4.8	24
38	Trophic ecology drives contaminant concentrations within a tropical seabird community. <i>Environmental Pollution</i> , 2017, 227, 183-193.	3.7	23
39	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 84.	0.5	23
40	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	3.9	23
41	Trace element concentrations in feathers and blood of Northern goshawk (<i>Accipiter gentilis</i>) nestlings from Norway and Spain. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 564-571.	2.9	22
42	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (<i>Pusa hispida</i>). <i>Environmental Research</i> , 2016, 151, 244-250.	3.7	21
43	Use of feathers to assess polychlorinated biphenyl and organochlorine pesticide exposure in top predatory bird species of Pakistan. <i>Science of the Total Environment</i> , 2016, 569-570, 1408-1417.	3.9	21
44	Common Eider (<i>Somateria Mollissima</i>) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. <i>Avian Biology Research</i> , 2018, 11, 167-172.	0.4	21
45	Using an apex predator for large-scale monitoring of trace element contamination: Associations with environmental, anthropogenic and dietary proxies. <i>Science of the Total Environment</i> , 2019, 676, 746-755.	3.9	21
46	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. <i>Ecology and Evolution</i> , 2013, 3, 5157-5166.	0.8	20
47	Two Decades of Mercury Concentrations in Barents Sea Polar Bears (<i>Ursus maritimus</i>) in Relation to Dietary Carbon, Sulfur, and Nitrogen. <i>Environmental Science & Technology</i> , 2020, 54, 7388-7397.	4.6	18
48	Temporal trends of mercury differ across three northern white-tailed eagle (<i>Haliaeetus albicilla</i>) subpopulations. <i>Science of the Total Environment</i> , 2019, 687, 77-86.	3.9	17
49	Spatiotemporal Analysis of Perfluoroalkyl Substances in White-Tailed Eagle (<i>Haliaeetus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Technology</i> , 2020, 54, 5011-5020.	4.6	17
50	Individual variation of persistent organic pollutants in relation to stable isotope ratios, sex, reproductive phase and oxidative status in Scopoli's shearwaters (<i>Calonectris diomedea</i>) from the Southern Mediterranean. <i>Science of the Total Environment</i> , 2017, 598, 179-187.	3.9	13
51	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (<i>Canis familiaris</i>) as surrogate species. <i>Environment International</i> , 2016, 88, 221-227.	4.8	12
52	The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. <i>Environmental Pollution</i> , 2017, 220, 1208-1219.	3.7	12
53	Interactions of climate, socio-economics, and global mercury pollution in the North Water. <i>Ambio</i> , 2018, 47, 281-295.	2.8	12
54	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. <i>Chemosphere</i> , 2017, 176, 243-248.	4.2	11

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55	Human exposure to PFOS and mercury through meat from baltic harbour seals (<i>Phoca vitulina</i>). <i>Environmental Research</i> , 2019, 175, 376-383.	3.7	10
56	A novel use of the leukocyte coping capacity assay to assess the immunomodulatory effects of organohalogenated contaminants in avian wildlife. <i>Environment International</i> , 2020, 142, 105861.	4.8	9
57	South polar skua (<i>Catharacta maccormicki</i>) as biovectors for long-range transport of persistent organic pollutants to Antarctica. <i>Environmental Pollution</i> , 2022, 292, 118358.	3.7	9
58	Temporal Trends of Organochlorine and Perfluorinated Contaminants in a Terrestrial Raptor in Northern Europe Over 34 years (1986–2019). <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1508-1519.	2.2	9
59	Seroprevalence for <i>Brucella</i> spp. in Baltic ringed seals (<i>Phoca hispida</i>) and East Greenland harp (<i>Pagophilus groenlandicus</i>) and hooded (<i>Cystophora cristata</i>) seals. <i>Veterinary Immunology and Immunopathology</i> , 2018, 198, 14-18.	0.5	8
60	Incubation Behaviour of Common Eiders (<i>Somateria mollissima</i>) in the Central Baltic: Nest Attendance and Loss in Body Mass. <i>Acrocephalus</i> , 2018, 39, 91-100.	0.5	8
61	Japanese quail (<i>Coturnix japonica</i>) liver and thyroid gland histopathology as a result of in ovo exposure to the flame retardants tris(1,3-dichloro-2-propyl) phosphate and Dechlorane Plus. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 525-531.	1.1	6
62	²¹⁰ Po and ²¹⁰ Pb activity concentrations in Greenlandic seabirds and dose assessment. <i>Science of the Total Environment</i> , 2020, 712, 136548.	3.9	6
63	Spatial and dietary sources of elevated mercury exposure in white-tailed eagle nestlings in an Arctic freshwater environment. <i>Environmental Pollution</i> , 2021, 290, 117952.	3.7	6
64	Transfer of hexabromocyclododecane flame retardant isomers from captive American kestrel eggs to feathers and their association with thyroid hormones and growth. <i>Environmental Pollution</i> , 2017, 220, 441-451.	3.7	5
65	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls (<i>Bubo bubo</i>) in Norway: Spatiotemporal variations and associations with dietary proxies ($\delta^{13}C$ and $\delta^{15}N$). <i>Environmental Research</i> , 2022, 204, 112372.	3.7	5
66	Feathers as an integrated measure of organohalogen contamination, its dietary sources and corticosterone in nestlings of a terrestrial bird of prey, the northern Goshawk (<i>Accipiter gentilis</i>). <i>Science of the Total Environment</i> , 2022, 828, 154064.	3.9	5
67	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. <i>Science of the Total Environment</i> , 2022, 838, 156171.	3.9	5
68	Response to L. Witting: PCBs still a major risk for global killer whale populations. <i>Marine Mammal Science</i> , 2019, 35, 1201-1206.	0.9	4
69	Changes in blood biochemistry of incubating Baltic Common Eiders (<i>Somateria mollissima</i>). <i>Journal of Ornithology</i> , 2020, 161, 25-33.	0.5	4
70	Influence of climate and biological variables on temporal trends of persistent organic pollutants in Arctic char and ringed seals from Greenland. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 993-1005.	1.7	4
71	Blood clinical-chemical parameters and feeding history in growing Japanese quail (<i>Coturnix</i>). <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 938-952.	0.6	3
72	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 769-784.	0.6	3

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73	Ecosystem specific accumulation of organohalogenated compounds: A comparison between adjacent freshwater and terrestrial avian predators. <i>Environmental Research</i> , 2022, 212, 113455.	3.7	3
74	Prevalence of antibodies against <i>Brucella</i> spp. in West Greenland polar bears (<i>Ursus maritimus</i>) and East Greenland muskoxen (<i>Ovibos moschatus</i>). <i>Polar Biology</i> , 2018, 41, 1671-1680.	0.5	2
75	Killer whales call for further protection. <i>Environment International</i> , 2019, 126, 443-444.	4.8	2
76	White-tailed eagle (<i>Haliaeetus albicilla</i>) and great cormorant (<i>Phalacrocorax carbo</i>) nestlings as spatial sentinels of Baltic acidic sulphate soil associated metal contamination. <i>Science of the Total Environment</i> , 2020, 718, 137424.	3.9	2
77	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health. , 2020, , 21-45.		2
78	Spatial variation in mercury concentrations in polar bear (<i>Ursus maritimus</i>) hair from the Norwegian and Russian Arctic. <i>Science of the Total Environment</i> , 2022, 822, 153572.	3.9	2
79	Telomere length in relation to persistent organic pollutant exposure in white-tailed eagle (<i>Haliaeetus</i>) Tj ETQq1 1 0.784314 rgBT /Ove 3.7	3.7	2
80	Anti-parasite treatment and blood biochemistry in raptor nestlings. <i>Canadian Journal of Zoology</i> , 2017, 95, 685-693.	0.4	0