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	South polar skua (Catharacta maccormicki) as biovectors for long-range transport of persistent organic pollutants to Antarctica. Environmental Pollution, 2022, 292, 118358.	3.7	9
2	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls (Bubo bubo) in Norway: Spatiotemporal variations and associations with dietary proxies (Î´13C and Î´15N). Environmental Research, 2022, 204, 112372.	3.7	5
3	Spatial variation in mercury concentrations in polar bear (Ursus maritimus) hair from the Norwegian and Russian Arctic. Science of the Total Environment, 2022, 822, 153572.	3.9	2
4	Telomere length in relation to persistent organic pollutant exposure in white-tailed eagle (Haliaeetus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.7	2
5	Temporal Trends of Organochlorine and Perfluorinated Contaminants in a Terrestrial Raptor in Northern Europe Over 34 years (1986â€“2019). Environmental Toxicology and Chemistry, 2022, 41, 1508-1519.	2.2	9
6	Feathers as an integrated measure of organohalogen contamination, its dietary sources and corticosterone in nestlings of a terrestrial bird of prey, the northern Goshawk (Accipiter gentilis). Science of the Total Environment, 2022, 828, 154064.	3.9	5
7	A risk assessment review of mercury exposure in Arctic marine and terrestrial mammals. Science of the Total Environment, 2022, 829, 154445.	3.9	29
8	Ecosystem specific accumulation of organohalogenated compounds: A comparison between adjacent freshwater and terrestrial avian predators. Environmental Research, 2022, 212, 113455.	3.7	3
9	An assessment of mercury and its dietary drivers in fur of Arctic wolves from Greenland and High Arctic Canada. Science of the Total Environment, 2022, 838, 156171.	3.9	5
10	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. Science of the Total Environment, 2022, 844, 156944.	3.9	23
11	A schematic sampling protocol for contaminant monitoring in raptors. Ambio, 2021, 50, 95-100.	2.8	28
12	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. Science of the Total Environment, 2021, 750, 142201.	3.9	31
13	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. Environment International, 2021, 146, 106178.	4.8	25
14	Spatial and dietary sources of elevated mercury exposure in white-tailed eagle nestlings in an Arctic freshwater environment. Environmental Pollution, 2021, 290, 117952.	3.7	6
15	Changes in blood biochemistry of incubating Baltic Common Eiders (Somateria mollisima). Journal of Ornithology, 2020, 161, 25-33.	0.5	4
16	210Po and 210Pb activity concentrations in Greenlandic seabirds and dose assessment. Science of the Total Environment, 2020, 712, 136548.	3.9	6
17	A novel use of the leukocyte coping capacity assay to assess the immunomodulatory effects of organohalogenated contaminants in avian wildlife. Environment International, 2020, 142, 105861.	4.8	9
18	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. Environment International, 2020, 144, 106037.	4.8	57

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19	Two Decades of Mercury Concentrations in Barents Sea Polar Bears (Ursus maritimus) in Relation to Dietary Carbon, Sulfur, and Nitrogen. Environmental Science & Technology, 2020, 54, 7388-7397.	4.6	18
20	Temporal trends of legacy organochlorines in different white-tailed eagle (Haliaeetus albicilla) subpopulations: A retrospective investigation using archived feathers. Environment International, 2020, 138, 105618.	4.8	26
21	Spatiotemporal Analysis of Perfluoroalkyl Substances in White-Tailed Eagle (Haliaeetus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Technology, 2020, 54, 5011-5020.	4.6	17
22	Influence of climate and biological variables on temporal trends of persistent organic pollutants in Arctic char and ringed seals from Greenland. Environmental Sciences: Processes and Impacts, 2020, 22, 993-1005.	1.7	4
23	A review of pathogens in selected Baltic Sea indicator species. Environment International, 2020, 137, 105565.	4.8	24
24	White-tailed eagle (Haliaeetus albicilla) and great cormorant (Phalacrocorax carbo) nestlings as spatial sentinels of Baltic acidic sulphate soil associated metal contamination. Science of the Total Environment, 2020, 718, 137424.	3.9	2
25	Health effects from contaminant exposure in Baltic Sea birds and marine mammals: A review. Environment International, 2020, 139, 105725.	4.8	67
26	Sled Dogs as Sentinel Species for Monitoring Arctic Ecosystem Health. , 2020, , 21-45.		2
27	Response to L. Witting: PCBs still a major risk for global killer whale populations. Marine Mammal Science, 2019, 35, 1201-1206.	0.9	4
28	White-Tailed Eagle (Haliaeetus albicilla) Body Feathers Document Spatiotemporal Trends of Perfluoroalkyl Substances in the Northern Environment. Environmental Science & Technology, 2019, 53, 12744-12753.	4.6	45
29	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	3.9	184
30	Temporal trends of mercury differ across three northern white-tailed eagle (Haliaeetus albicilla) subpopulations. Science of the Total Environment, 2019, 687, 77-86.	3.9	17
31	Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. TrAC - Trends in Analytical Chemistry, 2019, 118, 223-226.	5.8	78
32	Human exposure to PFOS and mercury through meat from baltic harbour seals (Phoca vitulina). Environmental Research, 2019, 175, 376-383.	3.7	10
33	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. Environmental Science and Pollution Research, 2019, 26, 20132-20136.	2.7	30
34	Using an apex predator for large-scale monitoring of trace element contamination: Associations with environmental, anthropogenic and dietary proxies. Science of the Total Environment, 2019, 676, 746-755.	3.9	21
35	Accumulation of Short-, Medium-, and Long-Chain Chlorinated Paraffins in Marine and Terrestrial Animals from Scandinavia. Environmental Science & Technology, 2019, 53, 3526-3537.	4.6	77
36	Killer whales call for further protection. Environment International, 2019, 126, 443-444.	4.8	2

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37	Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. Environment International, 2019, 127, 462-472.	4.8	80
38	Plasma concentrations of organohalogenated contaminants in white-tailed eagle nestlings â€“ The role of age and diet. Environmental Pollution, 2019, 246, 527-534.	3.7	30
39	Seroprevalence for Brucella spp. in Baltic ringed seals (Phoca hispida) and East Greenland harp (Pagophilus groenlandicus) and hooded (Cystophora cristata) seals. Veterinary Immunology and Immunopathology, 2018, 198, 14-18.	0.5	8
40	Prevalence of antibodies against Brucella spp. in West Greenland polar bears (Ursus maritimus) and East Greenland muskoxen (Ovibos moschatus). Polar Biology, 2018, 41, 1671-1680.	0.5	2
41	Interactions of climate, socio-economics, and global mercury pollution in the North Water. Ambio, 2018, 47, 281-295.	2.8	12
42	Common Eider (Somateria Mollissima) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. Avian Biology Research, 2018, 11, 167-172.	0.4	21
43	Histology of Sculpin spp. in East Greenland. II. Histopathology and trace element concentrations. Toxicological and Environmental Chemistry, 2018, 100, 769-784.	0.6	3
44	Predicting global killer whale population collapse from PCB pollution. Science, 2018, 361, 1373-1376.	6.0	252
45	Pollution threatens toothed whales. Science, 2018, 361, 1208-1208.	6.0	26
46	Incubation Behaviour of Common Eiders Somateria Mollissima in the Central Baltic: Nest Attendance and Loss in Body Mass. Acrocephalus, 2018, 39, 91-100.	0.5	8
47	Blood clinical-chemical parameters and feeding history in growing Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Overlock 1 ovo. Toxicological and Environmental Chemistry, 2017, 99, 938-952.	0.6	3
48	Trophic ecology drives contaminant concentrations within a tropical seabird community. Environmental Pollution, 2017, 227, 183-193.	3.7	23
49	Individual variation of persistent organic pollutants in relation to stable isotope ratios, sex, reproductive phase and oxidative status in Scopoli's shearwaters (Calonectris diomedea) from the Southern Mediterranean. Science of the Total Environment, 2017, 598, 179-187.	3.9	13
50	The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. Environmental Pollution, 2017, 220, 1208-1219.	3.7	12
51	A rapid analytical method to quantify complex organohalogen contaminant mixtures in large samples of high lipid mammalian tissues. Chemosphere, 2017, 176, 243-248.	4.2	11
52	Oxidative stress responses in relationship to persistent organic pollutant levels in feathers and blood of two predatory bird species from Pakistan. Science of the Total Environment, 2017, 580, 26-33.	3.9	28
53	Effects of Polar Bear and Killer Whale Derived Contaminant Cocktails on Marine Mammal Immunity. Environmental Science & Technology, 2017, 51, 11431-11439.	4.6	56
54	Japanese quail (Coturnix japonica) 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. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 525-531.	1.1	6

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55	Trace element concentrations in feathers and blood of Northern goshawk (Accipiter gentilis) nestlings from Norway and Spain. Ecotoxicology and Environmental Safety, 2017, 144, 564-571.	2.9	22
56	Anti-parasite treatment and blood biochemistry in raptor nestlings. Canadian Journal of Zoology, 2017, 95, 685-693.	0.4	0
57	Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. Environmental Research, 2017, 158, 277-285.	3.7	26
58	Transfer of hexabromocyclododecane flame retardant isomers from captive American kestrel eggs to feathers and their association with thyroid hormones and growth. Environmental Pollution, 2017, 220, 441-451.	3.7	5
59	A veterinary perspective on One Health in the Arctic. Acta Veterinaria Scandinavica, 2017, 59, 84.	0.5	23
60	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, Fregata magnificens. Environmental Pollution, 2016, 214, 384-393.	3.7	31
61	Immunomodulatory effects of exposure to polychlorinated biphenyls and perfluoroalkyl acids in East Greenland ringed seals (Pusa hispida). Environmental Research, 2016, 151, 244-250.	3.7	21
62	Use of feathers to assess polychlorinated biphenyl and organochlorine pesticide exposure in top predatory bird species of Pakistan. Science of the Total Environment, 2016, 569-570, 1408-1417.	3.9	21
63	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (Canis familiaris) as surrogate species. Environment International, 2016, 88, 221-227.	4.8	12
64	Tracking pan-continental trends in environmental contaminationÂusing sentinel raptorsâ€"what types of samples should we use?. Ecotoxicology, 2016, 25, 777-801.	1.1	149
65	Organophosphorus flame retardants in the European eel in Flanders, Belgium: Occurrence, fate and human health risk. Environmental Research, 2015, 140, 604-610.	3.7	73
66	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. Environment International, 2015, 74, 209-220.	4.8	83
67	Assessment of persistent brominated and chlorinated organic contaminants in the European eel (Anguilla anguilla) in Flanders, Belgium: Levels, profiles and health risk. Science of the Total Environment, 2014, 482-483, 222-233.	3.9	39
68	Brominated and phosphorus flame retardants in White-tailed Eagle Haliaeetus albicilla nestlings: Bioaccumulation and associations with dietary proxies (Î´13C, Î´15N and Î´34S). Science of the Total Environment, 2014, 478, 48-57.	3.9	80
69	Are persistent organic pollutants and metals in eel muscle predictive for the ecological water quality?. Environmental Pollution, 2014, 186, 165-171.	3.7	28
70	Legacy and current-use brominated flame retardants in the Barn Owl. Science of the Total Environment, 2014, 472, 454-462.	3.9	41
71	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. Polar Biology, 2013, 36, 1525-1529.	0.5	41
72	Perfluoroalkyl substances in soft tissues and tail feathers of Belgian barn owls (Tyto alba) using statistical methods for left-censored data to handle non-detects. Environment International, 2013, 52, 9-16.	4.8	45

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73	Ecological and spatial factors drive intra- and interspecific variation in exposure of subarctic predatory bird nestlings to persistent organic pollutants. Environment International, 2013, 57-58, 25-33.	4.8	28
74	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. Ecology and Evolution, 2013, 3, 5157-5166.	0.8	20
75	Plasma concentrations of organohalogenated pollutants in predatory bird nestlings: Associations to growth rate and dietary tracers. Environmental Toxicology and Chemistry, 2013, 32, 2520-2527.	2.2	33
76	Blood plasma clinicalâ€“chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. Ecotoxicology and Environmental Safety, 2012, 80, 76-83.	2.9	48
77	Measuring environmental stress in East Greenland polar bears, 1892â€“1927 and 1988â€“2009: What does hair cortisol tell us?. Environment International, 2012, 45, 15-21.	4.8	65
78	A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. Environment International, 2011, 37, 622-630.	4.8	73
79	A comparison of non-destructive sampling strategies to assess the exposure of white-tailed eagle nestlings (Haliaeetus albicilla) to persistent organic pollutants. Science of the Total Environment, 2011, 410-411, 258-265.	3.9	43
80	Relationships between organohalogen contaminants and blood plasma clinicalâ€“chemical parameters in chicks of three raptor species from Northern Norway. Ecotoxicology and Environmental Safety, 2010, 73, 7-17.	2.9	52