Veerle L B Jaspers

List of Publications by Year
in descending order

96	3,851	87723 38	143772 57
papers	citations	h-index	g-index

100	100	100	2668
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brominated flame retardants and organochlorine pollutants in aquatic and terrestrial predatory birds of Belgium: levels, patterns, tissue distribution and condition factors. Environmental Pollution, 2006, 139, 340-352.	3.7	154
2	Tracking pan-continental trends in environmental contaminationÂusing sentinel raptorsâ€"what types of samples should we use?. Ecotoxicology, 2016, 25, 777-801.	1.1	149
3	Accumulation, tissue-specific distribution and debromination of decabromodiphenyl ether (BDE 209) in European starlings (Sturnus vulgaris). Environmental Pollution, 2007, 148, 648-653.	3.7	147
4	An overview of existing raptor contaminant monitoring activities in Europe. Environment International, 2014, 67, 12-21.	4.8	140
5	The importance of exogenous contamination on heavy metal levels in bird feathers. A field experiment with free-living great tits, Parus major. Journal of Environmental Monitoring, 2004, 6, 356.	2.1	114
6	Biomagnification of PBDEs in Three Small Terrestrial Food Chains. Environmental Science & Technology, 2007, 41, 411-416.	4.6	105
7	Evaluation of the usefulness of bird feathers as a non-destructive biomonitoring tool for organic pollutants: A comparative and meta-analytical approach. Environment International, 2007, 33, 328-337.	4.8	95
8	Levels and distribution of polybrominated diphenyl ethers in various tissues of birds of prey. Environmental Pollution, 2006, 144, 218-227.	3.7	86
9	FEATHERS AS A NONDESTRUCTIVE BIOMONITOR FOR PERSISTENT ORGANIC POLLUTANTS. Environmental Toxicology and Chemistry, 2005, 24, 442.	2.2	83
10	Brominated flame retardants and organochlorine pollutants in eggs of little owls (Athene noctua) from Belgium. Environmental Pollution, 2005, 136, 81-88.	3.7	81
11	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
12	Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. TrAC - Trends in Analytical Chemistry, 2019, 118, 223-226.	5.8	78
13	Can predatory bird feathers be used as a non-destructive biomonitoring tool of organic pollutants?. Biology Letters, 2006, 2, 283-285.	1.0	74
14	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
15	Preen oil as the main source of external contamination with organic pollutants onto feathers of the common magpie (Pica pica). Environment International, 2008, 34, 741-748.	4.8	72
16	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. Environmental Science & Technology, 2010, 44, 2876-2883.	4.6	71
17	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
18	The relationship between perfluorinated chemical levels in the feathers and livers of birds from different trophic levels. Science of the Total Environment, 2009, 407, 5894-5900.	3.9	64

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19	Brominated flame retardants and organochlorines in the European environment using great tit eggs as a biomonitoring tool. Environment International, 2009, 35, 310-317.	4.8	63
20	Developmental Toxicity of Perfluorooctanesulfonate (PFOS) and Its Chlorinated Polyfluoroalkyl Ether Sulfonate Alternative F-53B in the Domestic Chicken. Environmental Science & Technology, 2018, 52, 12859-12867.	4.6	60
21	Within- and among-clutch variation of organohalogenated contaminants in eggs of great tits (Parus) Tj ETQq1 1 0.784314 rgBT /Over	3.7	59
22	Influence of taxa, trophic level, and location on bioaccumulation of toxic metals in birdâ€™s feathers: A preliminary biomonitoring study using multiple bird species from Pakistan. Chemosphere, 2015, 120, 527-537.	4.2	59
23	Body feathers as a potential new biomonitoring tool in raptors: A study on organohalogenated contaminants in different feather types and preen oil of West Greenland white-tailed eagles (Haliaeetus albicilla). Environment International, 2011, 37, 1349-1356.	4.8	56
24	Accumulation of Organochlorines and Brominated Flame Retardants in the Eggs and Nestlings of Great Tits,Parus major. Environmental Science & Technology, 2006, 40, 5297-5303.	4.6	55
25	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
26	Can starling eggs be useful as a biomonitoring tool to study organohalogenated contaminants on a worldwide scale?. Environment International, 2013, 51, 141-149.	4.8	51
27	Maternal transfer of organochlorines and brominated flame retardants in blue tits (Cyanistes) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	50
28	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings (Sturnus) Tj ETQq0 0 0 rgBT /Overlock 10	3.7	50
29	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
30	Is external contamination with organic pollutants important for concentrations measured in bird feathers?. Environment International, 2007, 33, 766-772.	4.8	47
31	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
32	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
33	Towards harmonisation of chemical monitoring using avian apex predators: Identification of key species for pan-European biomonitoring. Science of the Total Environment, 2020, 731, 139198.	3.9	45
34	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
35	Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles (HaliaeetusÂalbicilla) from West Greenland. Environmental Pollution, 2013, 175, 137-146.	3.7	43
36	Levels, Patterns, and Biomagnification Potential of Perfluoroalkyl Substances in a Terrestrial Food Chain in a Nordic Skiing Area. Environmental Science & Technology, 2019, 53, 13390-13397.	4.6	43

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37	Concentrations in bird feathers reflect regional contamination with organic pollutants. Science of the Total Environment, 2009, 407, 1447-1451.	3.9	41
38	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. Polar Biology, 2013, 36, 1525-1529.	0.5	41
39	Legacy and current-use brominated flame retardants in the Barn Owl. Science of the Total Environment, 2014, 472, 454-462.	3.9	41
40	Experimental evaluation of the usefulness of feathers as a non-destructive biomonitor for polychlorinated biphenyls (PCBs) using silastic implants as a novel method of exposure. Environment International, 2007, 33, 257-264.	4.8	40
41	White-tailed eagle (Haliaeetus albicilla) feathers from Norway are suitable for monitoring of legacy, but not emerging contaminants. Science of the Total Environment, 2019, 647, 525-533.	3.9	40
42	Variation, levels and profiles of organochlorines and brominated flame retardants in great tit (Parus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 International, 2008, 34, 155-161.	4.8	38
43	Distribution and bioaccumulation of POPs and mercury in the Ga-Selati River (South Africa) and the rivers GudbrandsdalslÃ¥gen and Rena (Norway). Environment International, 2018, 121, 1319-1330.	4.8	38
44	A review on contaminants of emerging concern in European raptors (2002â˜'2020). Science of the Total Environment, 2021, 760, 143337.	3.9	38
45	A review on current knowledge and future prospects of organohalogen contaminants (OHCs) in Asian birds. Science of the Total Environment, 2016, 542, 411-426.	3.9	36
46	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
47	Predatory Bird Species Show Different Patterns of Hydroxylated Polychlorinated Biphenyls (HO-PCBs) and Polychlorinated Biphenyls (PCBs). Environmental Science & Technology, 2008, 42, 3465-3471.	4.6	31
48	Effects of an environmentally relevant PFAS mixture on dopamine and steroid hormone levels in exposed mice. Toxicology and Applied Pharmacology, 2021, 428, 115670.	1.3	31
49	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. Science of the Total Environment, 2010, 408, 5613-5618.	3.9	30
50	First evaluation of the use of down feathers for monitoring persistent organic pollutants and organophosphate ester flame retardants: A pilot study using nestlings of the endangered cinereous vulture (Aegypius monachus). Environmental Pollution, 2018, 238, 413-420.	3.7	30
51	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
52	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
53	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
54	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

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55	A schematic sampling protocol for contaminant monitoring in raptors. Ambio, 2021, 50, 95-100.	2.8	28
56	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
57	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
58	Integrated exposure assessment of northern goshawk (Accipiter gentilis) nestlings to legacy and emerging organic pollutants using non-destructive samples. Environmental Research, 2019, 178, 108678.	3.7	25
59	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
60	Interspecific differences in concentrations and congener profiles of chlorinated and brominated organic pollutants in three insectivorous bird species. Environment International, 2009, 35, 369-375.	4.8	23
61	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
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	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
64	Environmental pollutants modulate RNA and DNA virus-activated miRNA-155 expression and innate immune system responses: Insights into new immunomodulative mechanisms*. Journal of Immunotoxicology, 2020, 17, 86-93.	0.9	21
65	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. Ecology and Evolution, 2013, 3, 5157-5166.	0.8	20
66	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. Science of the Total Environment, 2020, 741, 140330.	3.9	20
67	Spatial and interspecific variation of accumulated trace metals between remote and urbane dwelling birds of Pakistan. Ecotoxicology and Environmental Safety, 2015, 113, 279-286.	2.9	19
68	Persistent organic pollutants and organophosphate esters in feathers and blood plasma of adult kittiwakes (Rissa tridactyla) from Svalbard â€“ associations with body condition and thyroid hormones. Environmental Research, 2018, 164, 158-164.	3.7	18
69	Selecting the right bird model in experimental studies on endocrine disrupting chemicals. Frontiers in Environmental Science, 2015, 3, .	1.5	17
70	Organohalogenated contaminants in plasma and eggs of rockhopper penguins: Does vitellogenin affect maternal transfer?. Environmental Pollution, 2017, 226, 277-287.	3.7	17
71	PFOS mediates immunomodulation in an avian cell line that can be mitigated via a virus infection. BMC Veterinary Research, 2019, 15, 214.	0.7	17
72	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

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73	POPs in the Terrestrial Environment. , 2014, , 291-356.		16
74	Alteration of neuro-dopamine and steroid hormone homeostasis in wild Bank voles in relation to tissue concentrations of PFAS at a Nordic skiing area. Science of the Total Environment, 2021, 756, 143745.	3.9	15
75	Influence of perfluoroalkyl acids and other parameters on circulating thyroid hormones and immune-related microRNA expression in free-ranging nestling peregrine falcons. Science of the Total Environment, 2021, 770, 145346.	3.9	15
76	Effects of laying order and experimentally increased egg production on organic pollutants in eggs of a terrestrial songbird species, the great tit (Parus major). Science of the Total Environment, 2009, 407, 4764-4770.	3.9	14
77	Deregulation of microRNAâ€155 and its transcription factor NFâ€kB by polychlorinated biphenyls during viral infections. Apmis, 2018, 126, 234-240.	0.9	14
78	Can variability in corticosterone levels be related to POPs and OPEs in feathers from nestling cinereous vultures (Aegypius monachus)?. Science of the Total Environment, 2019, 650, 184-192.	3.9	14
79	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
80	In ovo transformation of two emerging flame retardants in Japanese quail (Coturnix japonica). Ecotoxicology and Environmental Safety, 2018, 149, 51-57.	2.9	10
81	Plasma protein fractions in free-living white-tailed eagle (Haliaeetus albicilla) nestlings from Norway. BMC Veterinary Research, 2019, 15, 290.	0.7	10
82	Biofilms grown in aquatic microcosms affect mercury and selenium accumulation in Daphnia. Ecotoxicology, 2020, 29, 485-492.	1.1	8
83	Population dynamics and resting egg production in Daphnia: Interactive effects of mercury, population density and temperature. Science of the Total Environment, 2021, 755, 143625.	3.9	7
84	A review of constraints and solutions for collecting raptor samples and contextual data for a European Raptor Biomonitoring Facility. Science of the Total Environment, 2021, 793, 148599.	3.9	7
85	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
86	The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle (Haliaeetus albicilla) nestlings from Norway. Environmental Research, 2019, 177, 108586.	3.7	6
87	Dopamine mediates life-history responses to food abundance in Daphnia. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201069.	1.2	6
88	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
89	Evidence of avian influenza virus in seabirds breeding on a Norwegian high-Arctic archipelago. BMC Veterinary Research, 2020, 16, 48.	0.7	5
90	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

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91	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
92	Occurrence of Bisphenols and Benzophenone UV Filters in White-Tailed Eagles (Haliaeetus albicilla) from SmÃ¸la, Norway. Toxics, 2021, 9, 34.	1.6	4
93	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
94	No evidence of avian influenza antibodies in two species of raptor nestlings inhabiting Norway. BMC Veterinary Research, 2019, 15, 375.	0.7	3
95	Maternal dopamine exposure provides offspring starvation resistance in Daphnia. Ecology and Evolution, 2022, 12, e8785.	0.8	3
96	Anti-parasite treatment and blood biochemistry in raptor nestlings. Canadian Journal of Zoology, 2017, 95, 685-693.	0.4	0