

Veerle L B Jaspers

List of Publications by Year in descending order

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96
papers

3,851
citations

87888

38
h-index

144013

57
g-index

100
all docs

100
docs citations

100
times ranked

2668
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. <i>Environmental Pollution</i> , 2006, 139, 340-352.	7.5	154
2	Tracking pan-continental trends in environmental contamination—using sentinel raptors—what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	2.4	149
3	Accumulation, tissue-specific distribution and debromination of decabromodiphenyl ether (BDE 209) in European starlings (<i>Sturnus vulgaris</i>). <i>Environmental Pollution</i> , 2007, 148, 648-653.	7.5	147
4	An overview of existing raptor contaminant monitoring activities in Europe. <i>Environment International</i> , 2014, 67, 12-21.	10.0	140
5	The importance of exogenous contamination on heavy metal levels in bird feathers. A field experiment with free-living great tits, <i>Parus major</i> . <i>Journal of Environmental Monitoring</i> , 2004, 6, 356.	2.1	114
6	Biomagnification of PBDEs in Three Small Terrestrial Food Chains. <i>Environmental Science & Technology</i> , 2007, 41, 411-416.	10.0	105
7	Evaluation of the usefulness of bird feathers as a non-destructive biomonitoring tool for organic pollutants: A comparative and meta-analytical approach. <i>Environment International</i> , 2007, 33, 328-337.	10.0	95
8	Levels and distribution of polybrominated diphenyl ethers in various tissues of birds of prey. <i>Environmental Pollution</i> , 2006, 144, 218-227.	7.5	86
9	FEATHERS AS A NONDESTRUCTIVE BIOMONITOR FOR PERSISTENT ORGANIC POLLUTANTS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 442.	4.3	83
10	Brominated flame retardants and organochlorine pollutants in eggs of little owls (<i>Athene noctua</i>) from Belgium. <i>Environmental Pollution</i> , 2005, 136, 81-88.	7.5	81
11	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.	8.0	80
12	Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 223-226.	11.4	78
13	Can predatory bird feathers be used as a non-destructive biomonitoring tool of organic pollutants?. <i>Biology Letters</i> , 2006, 2, 283-285.	2.3	74
14	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.	10.0	73
15	Preen oil as the main source of external contamination with organic pollutants onto feathers of the common magpie (<i>Pica pica</i>). <i>Environment International</i> , 2008, 34, 741-748.	10.0	72
16	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. <i>Environmental Science & Technology</i> , 2010, 44, 2876-2883.	10.0	71
17	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.	10.0	65
18	The relationship between perfluorinated chemical levels in the feathers and livers of birds from different trophic levels. <i>Science of the Total Environment</i> , 2009, 407, 5894-5900.	8.0	64

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19	Brominated flame retardants and organochlorines in the European environment using great tit eggs as a biomonitoring tool. <i>Environment International</i> , 2009, 35, 310-317.	10.0	63
20	Developmental Toxicity of Perfluorooctanesulfonate (PFOS) and Its Chlorinated Polyfluoroalkyl Ether Sulfonate Alternative F-53B in the Domestic Chicken. <i>Environmental Science & Technology</i> , 2018, 52, 12859-12867.	10.0	60
21	Within- and among-clutch variation of organohalogenated contaminants in eggs of great tits (<i>Parus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	7.5	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. <i>Chemosphere</i> , 2015, 120, 527-537.	8.2	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 (<i>Haliaeetus albicilla</i>). <i>Environment International</i> , 2011, 37, 1349-1356.	10.0	56
24	Accumulation of Organochlorines and Brominated Flame Retardants in the Eggs and Nestlings of Great Tits, <i>Parus major</i> . <i>Environmental Science & Technology</i> , 2006, 40, 5297-5303.	10.0	55
25	Relationships between organohalogen contaminants and blood plasma clinicalâ€™chemical parameters in chicks of three raptor species from Northern Norway. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 7-17.	6.0	52
26	Can starling eggs be useful as a biomonitoring tool to study organohalogenated contaminants on a worldwide scale?. <i>Environment International</i> , 2013, 51, 141-149.	10.0	51
27	Maternal transfer of organochlorines and brominated flame retardants in blue tits (<i>Cyanistes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	10.0	50
28	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings (<i>Sturnus</i>) Tj ETQq0 0.0 rgBT /Overlock 10	7.5	50
29	Blood plasma clinicalâ€™chemical parameters as biomarker endpoints for organohalogen contaminant exposure in Norwegian raptor nestlings. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 76-83.	6.0	48
30	Is external contamination with organic pollutants important for concentrations measured in bird feathers?. <i>Environment International</i> , 2007, 33, 766-772.	10.0	47
31	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.	10.0	45
32	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.	10.0	45
33	Towards harmonisation of chemical monitoring using avian apex predators: Identification of key species for pan-European biomonitoring. <i>Science of the Total Environment</i> , 2020, 731, 139198.	8.0	45
34	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.	8.0	43
35	Persistent organic pollutants and methoxylated polybrominated diphenyl ethers in different tissues of white-tailed eagles (<i>Haliaeetus albicilla</i>) from West Greenland. <i>Environmental Pollution</i> , 2013, 175, 137-146.	7.5	43
36	Levels, Patterns, and Biomagnification Potential of Perfluoroalkyl Substances in a Terrestrial Food Chain in a Nordic Skiing Area. <i>Environmental Science & Technology</i> , 2019, 53, 13390-13397.	10.0	43

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37	Concentrations in bird feathers reflect regional contamination with organic pollutants. <i>Science of the Total Environment</i> , 2009, 407, 1447-1451.	8.0	41
38	Polar bear stress hormone cortisol fluctuates with the North Atlantic Oscillation climate index. <i>Polar Biology</i> , 2013, 36, 1525-1529.	1.2	41
39	Legacy and current-use brominated flame retardants in the Barn Owl. <i>Science of the Total Environment</i> , 2014, 472, 454-462.	8.0	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. <i>Environment International</i> , 2007, 33, 257-264.	10.0	40
41	White-tailed eagle (<i>Haliaeetus albicilla</i>) feathers from Norway are suitable for monitoring of legacy, but not emerging contaminants. <i>Science of the Total Environment</i> , 2019, 647, 525-533.	8.0	40
42	Variation, levels and profiles of organochlorines and brominated flame retardants in great tit (<i>Parus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 International, 2008, 34, 155-161.	10.0	38
43	Distribution and bioaccumulation of POPs and mercury in the Ga-Selati River (South Africa) and the rivers GudbrandsdalslÅygen and Rena (Norway). <i>Environment International</i> , 2018, 121, 1319-1330.	10.0	38
44	A review on contaminants of emerging concern in European raptors (2002â~2020). <i>Science of the Total Environment</i> , 2021, 760, 143337.	8.0	38
45	A review on current knowledge and future prospects of organohalogen contaminants (OHCs) in Asian birds. <i>Science of the Total Environment</i> , 2016, 542, 411-426.	8.0	36
46	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.	4.3	33
47	Predatory Bird Species Show Different Patterns of Hydroxylated Polychlorinated Biphenyls (HO-PCBs) and Polychlorinated Biphenyls (PCBs). <i>Environmental Science & Technology</i> , 2008, 42, 3465-3471.	10.0	31
48	Effects of an environmentally relevant PFAS mixture on dopamine and steroid hormone levels in exposed mice. <i>Toxicology and Applied Pharmacology</i> , 2021, 428, 115670.	2.8	31
49	A screening of persistent organohalogenated contaminants in hair of East Greenland polar bears. <i>Science of the Total Environment</i> , 2010, 408, 5613-5618.	8.0	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 (<i>Aegypius monachus</i>). <i>Environmental Pollution</i> , 2018, 238, 413-420.	7.5	30
51	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.	5.3	30
52	Plasma concentrations of organohalogenated contaminants in white-tailed eagle nestlings â€“ The role of age and diet. <i>Environmental Pollution</i> , 2019, 246, 527-534.	7.5	30
53	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.	10.0	28
54	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.	8.0	28

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55	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021, 50, 95-100.	5.5	28
56	Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. <i>Environmental Research</i> , 2017, 158, 277-285.	7.5	26
57	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.	10.0	26
58	Integrated exposure assessment of northern goshawk (<i>Accipiter gentilis</i>) nestlings to legacy and emerging organic pollutants using non-destructive samples. <i>Environmental Research</i> , 2019, 178, 108678.	7.5	25
59	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.	10.0	25
60	Interspecific differences in concentrations and congener profiles of chlorinated and brominated organic pollutants in three insectivorous bird species. <i>Environment International</i> , 2009, 35, 369-375.	10.0	23
61	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.	6.0	22
62	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.	8.0	21
63	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.	8.0	21
64	Environmental pollutants modulate RNA and DNA virus-activated miRNA-155 expression and innate immune system responses: Insights into new immunomodulative mechanisms*. <i>Journal of Immunotoxicology</i> , 2020, 17, 86-93.	1.7	21
65	Antiparasite treatments reduce humoral immunity and impact oxidative status in raptor nestlings. <i>Ecology and Evolution</i> , 2013, 3, 5157-5166.	1.9	20
66	Bioaccumulation potential of bisphenols and benzophenone UV filters: A multiresidue approach in raptor tissues. <i>Science of the Total Environment</i> , 2020, 741, 140330.	8.0	20
67	Spatial and interspecific variation of accumulated trace metals between remote and urbane dwelling birds of Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 279-286.	6.0	19
68	Persistent organic pollutants and organophosphate esters in feathers and blood plasma of adult kittiwakes (<i>Rissa tridactyla</i>) from Svalbard – associations with body condition and thyroid hormones. <i>Environmental Research</i> , 2018, 164, 158-164.	7.5	18
69	Selecting the right bird model in experimental studies on endocrine disrupting chemicals. <i>Frontiers in Environmental Science</i> , 2015, 3, .	3.3	17
70	Organohalogenated contaminants in plasma and eggs of rockhopper penguins: Does vitellogenin affect maternal transfer?. <i>Environmental Pollution</i> , 2017, 226, 277-287.	7.5	17
71	PFOS mediates immunomodulation in an avian cell line that can be mitigated via a virus infection. <i>BMC Veterinary Research</i> , 2019, 15, 214.	1.9	17
72	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.	8.0	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. <i>Science of the Total Environment</i> , 2021, 756, 143745.	8.0	15
75	Influence of perfluoroalkyl acids and other parameters on circulating thyroid hormones and immune-related microRNA expression in free-ranging nestling peregrine falcons. <i>Science of the Total Environment</i> , 2021, 770, 145346.	8.0	15
76	Effects of laying order and experimentally increased egg production on organic pollutants in eggs of a terrestrial songbird species, the great tit (<i>Parus major</i>). <i>Science of the Total Environment</i> , 2009, 407, 4764-4770.	8.0	14
77	Deregulation of microRNA-155 and its transcription factor NF- κ B by polychlorinated biphenyls during viral infections. <i>Apmis</i> , 2018, 126, 234-240.	2.0	14
78	Can variability in corticosterone levels be related to POPs and OPEs in feathers from nestling cinereous vultures (<i>Aegypius monachus</i>)?. <i>Science of the Total Environment</i> , 2019, 650, 184-192.	8.0	14
79	The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. <i>Environmental Pollution</i> , 2017, 220, 1208-1219.	7.5	12
80	In ovo transformation of two emerging flame retardants in Japanese quail (<i>Coturnix japonica</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 51-57.	6.0	10
81	Plasma protein fractions in free-living white-tailed eagle (<i>Haliaeetus albicilla</i>) nestlings from Norway. <i>BMC Veterinary Research</i> , 2019, 15, 290.	1.9	10
82	Biofilms grown in aquatic microcosms affect mercury and selenium accumulation in <i>Daphnia</i> . <i>Ecotoxicology</i> , 2020, 29, 485-492.	2.4	8
83	Population dynamics and resting egg production in <i>Daphnia</i> : Interactive effects of mercury, population density and temperature. <i>Science of the Total Environment</i> , 2021, 755, 143625.	8.0	7
84	A review of constraints and solutions for collecting raptor samples and contextual data for a European Raptor Biomonitoring Facility. <i>Science of the Total Environment</i> , 2021, 793, 148599.	8.0	7
85	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.	2.3	6
86	The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle (<i>Haliaeetus albicilla</i>) nestlings from Norway. <i>Environmental Research</i> , 2019, 177, 108586.	7.5	6
87	Dopamine mediates life-history responses to food abundance in <i>Daphnia</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201069.	2.6	6
88	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.	7.5	5
89	Evidence of avian influenza virus in seabirds breeding on a Norwegian high-Arctic archipelago. <i>BMC Veterinary Research</i> , 2020, 16, 48.	1.9	5
90	Legacy and emerging organohalogenated compounds in feathers of Eurasian eagle-owls (<i>Bubo bubo</i>) in Norway: Spatiotemporal variations and associations with dietary proxies ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$). <i>Environmental Research</i> , 2022, 204, 112372.	7.5	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 (<i>Accipiter gentilis</i>). <i>Science of the Total Environment</i> , 2022, 828, 154064.	8.0	5
92	Occurrence of Bisphenols and Benzophenone UV Filters in White-Tailed Eagles (<i>Haliaeetus albicilla</i>) from SmÅ,la, Norway. <i>Toxics</i> , 2021, 9, 34.	3.7	4
93	Blood clinical-chemical parameters and feeding history in growing Japanese quail (<i>Coturnix</i>). <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 938-952.	1.2	3
94	No evidence of avian influenza antibodies in two species of raptor nestlings inhabiting Norway. <i>BMC Veterinary Research</i> , 2019, 15, 375.	1.9	3
95	Maternal dopamine exposure provides offspring starvation resistance in <i>Daphnia</i> . <i>Ecology and Evolution</i> , 2022, 12, e8785.	1.9	3
96	Anti-parasite treatment and blood biochemistry in raptor nestlings. <i>Canadian Journal of Zoology</i> , 2017, 95, 685-693.	1.0	0