

Christy A Morrissey

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

6,390
citations

185998

28
h-index

69108

77
g-index

82
all docs

82
docs citations

82
times ranked

5872
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased reliance on insecticide applications in Canada linked to simplified agricultural landscapes. <i>Ecological Applications</i> , 2022, 32, e2533.	1.8	11
2	Binding properties to nicotinic acetylcholine receptors can explain differential toxicity of neonicotinoid insecticides in Chironomidae. <i>Aquatic Toxicology</i> , 2021, 230, 105701.	1.9	18
3	Characterizing imidacloprid and metabolites in songbird blood with applications for diagnosing field exposures. <i>Science of the Total Environment</i> , 2021, 760, 143409.	3.9	12
4	Pre-fledging quality and recruitment in an aerial insectivore reflect dynamics of insects, wetlands and climate. <i>Oecologia</i> , 2021, 196, 89-100.	0.9	15
5	Polycyclic Aromatic Hydrocarbons Alter the Hepatic Expression of Genes Involved in Sanderling (<i>Calidris alba</i>) Pre-migratory Fueling. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1981-1989.	2.2	6
6	Phenotypic differences among wild passerine nestlings in relation to early-life rearing environment. <i>Canadian Journal of Zoology</i> , 2021, 99, 876-884.	0.4	3
7	Climate variability has idiosyncratic impacts on North American aerial insectivorous bird population trajectories. <i>Biological Conservation</i> , 2021, 263, 109329.	1.9	7
8	Predictable shorebird departure patterns from a staging site can inform collision risks and mitigation of wind energy developments. <i>Ibis</i> , 2020, 162, 535-547.	1.0	3
9	Spatial distribution of agricultural pesticide use and predicted wetland exposure in the Canadian Prairie Pothole Region. <i>Science of the Total Environment</i> , 2020, 718, 134765.	3.9	31
10	Comparing the Acute Toxicity of Imidacloprid with Alternative Systemic Insecticides in the Aquatic Insect <i>Chironomus dilutus</i> . <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 587-594.	2.2	22
11	Spatio-Temporal Patterns of Crops and Agrochemicals in Canada Over 35 Years. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	20
12	Tree Swallow selection for wetlands in agricultural landscapes predicted by central-place foraging theory. <i>Condor</i> , 2020, 122, .	0.7	16
13	Species traits predict the aryl hydrocarbon receptor 1 (AHR1) subtypes responsible for dioxin sensitivity in birds. <i>Scientific Reports</i> , 2020, 10, 11706.	1.6	7
14	The relative contribution of individual quality and changing climate as drivers of lifetime reproductive success in a short-lived avian species. <i>Scientific Reports</i> , 2020, 10, 19766.	1.6	11
15	Falling through the policy cracks: implementing a roadmap to conserve aerial insectivores in North America. <i>Avian Conservation and Ecology</i> , 2020, 15, .	0.3	9
16	Incubation temperature and PCB-126 exposure interactively impair shorebird embryo and post-hatch development. <i>Environmental Research</i> , 2020, 188, 109779.	3.7	3
17	Environment and food web structure interact to alter the trophic magnification of persistent chemicals across river ecosystems. <i>Science of the Total Environment</i> , 2020, 717, 137271.	3.9	15
18	Differences in Migration Timing along the Midcontinental Flyway in Sanderling (<i>Calidris alba</i>) from Three Gulf of Mexico Staging Areas. <i>Waterbirds</i> , 2020, 43, .	0.2	0

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19	Prairie water: a global water futures project to enhance the resilience of prairie communities through sustainable water management. <i>Canadian Water Resources Journal</i> , 2019, 44, 115-126.	0.5	12
20	Long-distance migratory shorebirds travel faster towards their breeding grounds, but fly faster post-breeding. <i>Scientific Reports</i> , 2019, 9, 9420.	1.6	28
21	Frequent detection of anticoagulant rodenticides in raptors sampled in Taiwan reflects government rodent control policy. <i>Science of the Total Environment</i> , 2019, 691, 1051-1058.	3.9	26
22	Detecting Amphibians in Agricultural Landscapes Using Environmental DNA Reveals the Importance of Wetland Condition. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2750-2763.	2.2	14
23	Nutrients and sediment modify the impacts of a neonicotinoid insecticide on freshwater community structure and ecosystem functioning. <i>Science of the Total Environment</i> , 2019, 692, 1291-1303.	3.9	35
24	A neonicotinoid insecticide reduces fueling and delays migration in songbirds. <i>Science</i> , 2019, 365, 1177-1180.	6.0	136
25	Neonicotinoids and other agricultural stressors collectively modify aquatic insect communities. <i>Chemosphere</i> , 2019, 226, 945-955.	4.2	32
26	Analysis of trends and agricultural drivers of farmland bird declines in North America: A review. <i>Agriculture, Ecosystems and Environment</i> , 2018, 254, 244-254.	2.5	298
27	Can chronic exposure to imidacloprid, clothianidin, and thiamethoxam mixtures exert greater than additive toxicity in <i>Chironomus dilutus</i> ?. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 354-365.	2.9	56
28	Impact of flow diversion by run-of-river dams on American dipper diet and mercury exposure. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 411-426.	2.2	16
29	Assessment of Shorebird Migratory Fueling Physiology and Departure Timing in Relation to Polycyclic Aromatic Hydrocarbon Contamination in the Gulf of Mexico. <i>Environmental Science & Technology</i> , 2018, 52, 13562-13573.	4.6	14
30	Agricultural land cover does not affect the diet of Tree Swallows in wetland-dominated habitats. <i>Condor</i> , 2018, 120, 751-764.	0.7	26
31	Part-per-trillion LC-MS/MS determination of neonicotinoids in small volumes of songbird plasma. <i>Science of the Total Environment</i> , 2018, 644, 1080-1087.	3.9	33
32	An assessment of run-of-river hydroelectric dams on mountain stream ecosystems using the American dipper as an avian indicator. <i>Ecological Indicators</i> , 2018, 93, 942-951.	2.6	7
33	Community-level and phenological responses of emerging aquatic insects exposed to 3 neonicotinoid insecticides: An in situ wetland limnocorral approach. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2401-2412.	2.2	22
34	Polycyclic aromatic hydrocarbon exposure impairs pre-migratory fuelling in captive-dosed Sanderling (<i>Calidris alba</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 383-391.	2.9	18
35	Comparative chronic toxicity of imidacloprid, clothianidin, and thiamethoxam to <i>Chironomus dilutus</i> and estimation of toxic equivalency factors. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 372-382.	2.2	100
36	Intensive agriculture and insect prey availability influence oxidative status and return rates of an aerial insectivore. <i>Ecosphere</i> , 2017, 8, e01746.	1.0	17

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37	Reduction of neonicotinoid insecticide residues in Prairie wetlands by common wetland plants. <i>Science of the Total Environment</i> , 2017, 579, 1193-1202.	3.9	33
38	Imidacloprid and chlorpyrifos insecticides impair migratory ability in a seed-eating songbird. <i>Scientific Reports</i> , 2017, 7, 15176.	1.6	125
39	Cumulative toxicity of neonicotinoid insecticide mixtures to <i>Chironomus dilutus</i> under acute exposure scenarios. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3091-3101.	2.2	52
40	Differences in spatial synchrony and interspecific concordance inform guild-level population trends for aerial insectivorous birds. <i>Ecography</i> , 2016, 39, 774-786.	2.1	80
41	Tree Swallow (<i>Tachycineta bicolor</i>) foraging responses to agricultural land use and abundance of insect prey. <i>Canadian Journal of Zoology</i> , 2016, 94, 637-642.	0.4	36
42	Snowmelt transport of neonicotinoid insecticides to Canadian Prairie wetlands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 215, 76-84.	2.5	58
43	Shorebirds Ecology and Conservation Workshop Convenes at Chaplin Lake. <i>Blue Jay</i> , 2016, 74, 12-15.	0.0	0
44	Latent cognitive effects from low-level polychlorinated biphenyl exposure in juvenile European starlings (<i>Sturnus vulgaris</i>). <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2513-2522.	2.2	8
45	Do American Dippers Obtain a Survival Benefit from Altitudinal Migration?. <i>PLoS ONE</i> , 2015, 10, e0125734.	1.1	16
46	Risks of large-scale use of systemic insecticides to ecosystem functioning and services. <i>Environmental Science and Pollution Research</i> , 2015, 22, 119-134.	2.7	354
47	Neonicotinoid contamination of global surface waters and associated risk to aquatic invertebrates: A review. <i>Environment International</i> , 2015, 74, 291-303.	4.8	913
48	Conclusions of the Worldwide Integrated Assessment on the risks of neonicotinoids and fipronil to biodiversity and ecosystem functioning. <i>Environmental Science and Pollution Research</i> , 2015, 22, 148-154.	2.7	206
49	Effects of neonicotinoids and fipronil on non-target invertebrates. <i>Environmental Science and Pollution Research</i> , 2015, 22, 68-102.	2.7	639
50	Developmental Exposure to Aroclor 1254 Alters Migratory Behavior in Juvenile European Starlings (<i>Sturnus vulgaris</i>). <i>Environmental Science & Technology</i> , 2015, 49, 6274-6283.	4.6	17
51	Ecological and Landscape Drivers of Neonicotinoid Insecticide Detections and Concentrations in Canada's Prairie Wetlands. <i>Environmental Science & Technology</i> , 2015, 49, 8367-8376.	4.6	69
52	Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5-34.	2.7	1,215
53	A review of the direct and indirect effects of neonicotinoids and fipronil on vertebrate wildlife. <i>Environmental Science and Pollution Research</i> , 2015, 22, 103-118.	2.7	501
54	Muskrat (Ondatra zibethicus) interference with aquatic invertebrate traps. <i>Canadian Field-Naturalist</i> , 2014, 128, 200.	0.0	1

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55	Widespread Use and Frequent Detection of Neonicotinoid Insecticides in Wetlands of Canada's Prairie Pothole Region. PLoS ONE, 2014, 9, e92821.	1.1	269
56	Developmental impairment in eurasian dipper nestlings exposed to urban stream pollutants. Environmental Toxicology and Chemistry, 2014, 33, 1315-1323.	2.2	30
57	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. Environmental Science & Technology, 2013, 47, 130717151648003.	4.6	13
58	Stable isotopes as indicators of wastewater effects on the macroinvertebrates of urban rivers. Hydrobiologia, 2013, 700, 231-244.	1.0	66
59	Factors Influencing Legacy Pollutant Accumulation in Alpine Osprey: Biology, Topography, Or Melting Glaciers?. Environmental Science & Technology, 2012, 46, 9681-9689.	4.6	26
60	American Dippers Indicate Contaminant Biotransport by Pacific Salmon. Environmental Science & Technology, 2012, 46, 1153-1162.	4.6	13
61	Wildlife Ecotoxicology: Forensic Approaches. Emerging Topics in Ecotoxicology, 2011, , 1-9.	1.5	2
62	Toxic Trees: Arsenic Pesticides, Woodpeckers, and the Mountain Pine Beetle. Emerging Topics in Ecotoxicology, 2011, , 239-265.	1.5	1
63	Diet shifts during egg laying: Implications for measuring contaminants in bird eggs. Environmental Pollution, 2010, 158, 447-454.	3.7	45
64	Altitudinal migration in American Dippers (<i>Cinclus mexicanus</i>): Do migrants produce higher quality offspring?. Canadian Journal of Zoology, 2010, 88, 369-377.	0.4	16
65	Local to Continental Influences on Nutrient and Contaminant Sources to River Birds. Environmental Science & Technology, 2010, 44, 1860-1867.	4.6	12
66	Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (<i>Taeniopygia guttata</i>). Environmental Toxicology and Chemistry, 2008, 27, 605-611.	2.2	20
67	Tissue Uptake, Mortality, and Sublethal Effects of Monomethylarsonic Acid (MMA(V)) in Nestling Zebra Finches (<i>Taeniopygia guttata</i>). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 353-360.	1.1	12
68	PESTICIDE TREATMENTS AFFECT MOUNTAIN PINE BEETLE ABUNDANCE AND WOODPECKER FORAGING BEHAVIOR. , 2008, 18, 172-184.		15
69	LIFE HISTORY CORRELATES OF ALTERNATIVE MIGRATORY STRATEGIES IN AMERICAN DIPPERS. Ecology, 2008, 89, 1687-1695.	1.5	94
70	SATELLITE TELEMETRY AND PREY SAMPLING REVEAL CONTAMINANT SOURCES TO PACIFIC NORTHWEST OSPREYS. , 2007, 17, 1223-1233.		51
71	Arsenic Accumulation in Bark Beetles and Forest Birds Occupying Mountain Pine Beetle Infested Stands Treated with Monosodium Methanearsonate. Environmental Science & Technology, 2007, 41, 1494-1500.	4.6	32
72	Dose Dependant Uptake, Eimination and Toxicity of Monosodium Methanearsonate in Adult Zebra Finches (<i>Taeniopygia guttata</i>). Environmental Toxicology and Chemistry, 2007, preprint, 1.	2.2	0

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73	Breeding territory fidelity in a partial migrant, the American dipper <i>Cinclus mexicanus</i> . <i>Journal of Avian Biology</i> , 2006, 37, 169-178.	0.6	21
74	Breeding territory fidelity in a partial migrant, the American dipper <i>Cinclus mexicanus</i> . <i>Journal of Avian Biology</i> , 2006, 37, 169-178.	0.6	20
75	Assessing trace-metal exposure to American dippers in mountain streams of southwestern British Columbia, Canada. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 836-845.	2.2	51
76	Identifying Sources and Biomagnification of Persistent Organic Contaminants in Biota from Mountain Streams of Southwestern British Columbia, Canada. <i>Environmental Science & Technology</i> , 2005, 39, 8090-8098.	4.6	24
77	Seasonal Trends in Population Density, Distribution, and Movement of American Dippers Within a Watershed of Southwestern British Columbia, Canada. <i>Condor</i> , 2004, 106, 815-825.	0.7	5
78	American Dipper, <i>Cinclus mexicanus</i> , Preys Upon Larval Tailed Frogs, <i>Ascaphus truei</i> . <i>Canadian Field-Naturalist</i> , 2004, 118, 446.	0.0	3
79	SEASONAL TRENDS IN POPULATION DENSITY, DISTRIBUTION, AND MOVEMENT OF AMERICAN DIPPERS WITHIN A WATERSHED OF SOUTHWESTERN BRITISH COLUMBIA, CANADA. <i>Condor</i> , 2004, 106, 815.	0.7	29
80	Linking contaminant profiles to the diet and breeding location of American dippers using stable isotopes. <i>Journal of Applied Ecology</i> , 2004, 41, 502-512.	1.9	55
81	Effect of altitudinal migration within a watershed on the reproductive success of American dippers. <i>Canadian Journal of Zoology</i> , 2004, 82, 800-807.	0.4	36