

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	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
2	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
3	Effects of neonicotinoids and fipronil on non-target invertebrates. <i>Environmental Science and Pollution Research</i> , 2015, 22, 68-102.	2.7	639
4	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
5	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
6	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
7	Widespread Use and Frequent Detection of Neonicotinoid Insecticides in Wetlands of Canada's Prairie Pothole Region. <i>PLoS ONE</i> , 2014, 9, e92821.	1.1	269
8	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
9	A neonicotinoid insecticide reduces fueling and delays migration in songbirds. <i>Science</i> , 2019, 365, 1177-1180.	6.0	136
10	Imidacloprid and chlorpyrifos insecticides impair migratory ability in a seed-eating songbird. <i>Scientific Reports</i> , 2017, 7, 15176.	1.6	125
11	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
12	LIFE HISTORY CORRELATES OF ALTERNATIVE MIGRATORY STRATEGIES IN AMERICAN DIPPERS. <i>Ecology</i> , 2008, 89, 1687-1695.	1.5	94
13	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
14	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
15	Stable isotopes as indicators of wastewater effects on the macroinvertebrates of urban rivers. <i>Hydrobiologia</i> , 2013, 700, 231-244.	1.0	66
16	Snowmelt transport of neonicotinoid insecticides to Canadian Prairie wetlands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 215, 76-84.	2.5	58
17	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
18	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

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19	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
20	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
21	SATELLITE TELEMTRY AND PREY SAMPLING REVEAL CONTAMINANT SOURCES TO PACIFIC NORTHWEST OSPREYS. , 2007, 17, 1223-1233.		51
22	Diet shifts during egg laying: Implications for measuring contaminants in bird eggs. <i>Environmental Pollution</i> , 2010, 158, 447-454.	3.7	45
23	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
24	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
25	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
26	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
27	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
28	Arsenic Accumulation in Bark Beetles and Forest Birds Occupying Mountain Pine Beetle Infested Stands Treated with Monosodium Methanearsonate. <i>Environmental Science & Technology</i> , 2007, 41, 1494-1500.	4.6	32
29	Neonicotinoids and other agricultural stressors collectively modify aquatic insect communities. <i>Chemosphere</i> , 2019, 226, 945-955.	4.2	32
30	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
31	Developmental impairment in eurasian dipper nestlings exposed to urban stream pollutants. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1315-1323.	2.2	30
32	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
33	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
34	Factors Influencing Legacy Pollutant Accumulation in Alpine Osprey: Biology, Topography, Or Melting Glaciers?. <i>Environmental Science & Technology</i> , 2012, 46, 9681-9689.	4.6	26
35	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
36	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

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37	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
38	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
39	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
40	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
41	Dose-dependent uptake, elimination, and toxicity of monosodium methanearsonate in adult zebra finches (<i>Taeniopygia guttata</i>). <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 605-611.	2.2	20
42	Spatio-Temporal Patterns of Crops and Agrochemicals in Canada Over 35 Years. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	20
43	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
44	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
45	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
46	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
47	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
48	Altitudinal migration in American Dippers (<i>Cinclus mexicanus</i>): Do migrants produce higher quality offspring?. <i>Canadian Journal of Zoology</i> , 2010, 88, 369-377.	0.4	16
49	Do American Dippers Obtain a Survival Benefit from Altitudinal Migration?. <i>PLoS ONE</i> , 2015, 10, e0125734.	1.1	16
50	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
51	Tree Swallow selection for wetlands in agricultural landscapes predicted by central-place foraging theory. <i>Condor</i> , 2020, 122, .	0.7	16
52	PESTICIDE TREATMENTS AFFECT MOUNTAIN PINE BEETLE ABUNDANCE AND WOODPECKER FORAGING BEHAVIOR. , 2008, 18, 172-184.		15
53	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
54	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

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55	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
56	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
57	American Dippers Indicate Contaminant Biotransport by Pacific Salmon. <i>Environmental Science & Technology</i> , 2012, 46, 1153-1162.	4.6	13
58	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. <i>Environmental Science & Technology</i> , 2013, 47, 130717151648003.	4.6	13
59	Tissue Uptake, Mortality, and Sublethal Effects of Monomethylarsonic Acid (MMA(V)) in Nestling Zebra Finches (<i>Taeniopygia guttata</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 353-360.	1.1	12
60	Local to Continental Influences on Nutrient and Contaminant Sources to River Birds. <i>Environmental Science & Technology</i> , 2010, 44, 1860-1867.	4.6	12
61	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
62	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
63	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
64	Increased reliance on insecticide applications in Canada linked to simplified agricultural landscapes. <i>Ecological Applications</i> , 2022, 32, e2533.	1.8	11
65	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
66	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
67	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
68	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
69	Climate variability has idiosyncratic impacts on North American aerial insectivorous bird population trajectories. <i>Biological Conservation</i> , 2021, 263, 109329.	1.9	7
70	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
71	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
72	American Dipper, &Cinclus mexicanus&, Preys Upon Larval Tailed Frogs, &Ascaphus truei&. <i>Canadian Field-Naturalist</i> , 2004, 118, 446.	0.0	3

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73	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
74	Incubation temperature and PCB-126 exposure interactively impair shorebird embryo and post-hatch development. <i>Environmental Research</i> , 2020, 188, 109779.	3.7	3
75	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
76	Wildlife Ecotoxicology: Forensic Approaches. <i>Emerging Topics in Ecotoxicology</i> , 2011, , 1-9.	1.5	2
77	Muskrat (&em>Ondatra zibethicus) interference with aquatic invertebrate traps. <i>Canadian Field-Naturalist</i> , 2014, 128, 200.	0.0	1
78	Toxic Trees: Arsenic Pesticides, Woodpeckers, and the Mountain Pine Beetle. <i>Emerging Topics in Ecotoxicology</i> , 2011, , 239-265.	1.5	1
79	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
80	Dose Dependant Uptake, Eimination and Toxicity of Monosodium Methanearsonate in Adult Zebra Finches (<i>Taeniopygia guttata</i>). <i>Environmental Toxicology and Chemistry</i> , 2007, preprint, 1.	2.2	0
81	Shorebirds Ecology and Conservation Workshop Convenes at Chaplin Lake. <i>Blue Jay</i> , 2016, 74, 12-15.	0.0	0