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List of Publications by Year
in descending order

Version: 2024-02-01

113 papers	5,900 citations	66343 42 h-index	79698 73 g-index
114 all docs	114 docs citations	114 times ranked	3783 citing authors

#	Article	IF	Citations
1	Mercury Contamination in Forest and Freshwater Ecosystems in the Northeastern United States. BioScience, 2007, 57, 17-28.	4.9	459
2	Adverse effects from environmental mercury loads on breeding common loons. Ecotoxicology, 2008, 17, 69-81.	2.4	326
3	Biological Mercury Hotspots in the Northeastern United States and Southeastern Canada. BioScience, 2007, 57, 29-43.	4.9	289
4	Patterns and Interpretation of Mercury Exposure in Freshwater Avian Communities in Northeastern North America. Ecotoxicology, 2005, 14, 193-221.	2.4	268
5	Avian mercury exposure and toxicological risk across western North America: A synthesis. Science of the Total Environment, 2016, 568, 749-769.	8.0	213
6	Geographic trend in mercury measured in common loon feathers and blood. Environmental Toxicology and Chemistry, 1998, 17, 173-183.	4.3	192
7	Mercury Concentrations in Bicknell?s Thrush and Other Insectivorous Passerines in Montane Forests of Northeastern North America. Ecotoxicology, 2005, 14, 223-240.	2.4	190
8	Mercury exposure affects the reproductive success of a free-living terrestrial songbird, the Carolina Wren (Thryothorus ludovicianus). Auk, 2011, 128, 759-769.	1.4	169
9	Effects of Air Pollution on Ecosystems and Biological Diversity in the Eastern United States. Annals of the New York Academy of Sciences, 2009, 1162, 99-135.	3.8	151
10	A State-of-the-Science Review of Mercury Biomarkers in Human Populations Worldwide between 2000 and 2018. Environmental Health Perspectives, 2018, 126, 106001.	6.0	145
11	Common loon eggs as indicators of methylmercury availability in North America. Ecotoxicology, 2003, 12, 69-81.	2.4	137
12	Spatial and temporal patterns of mercury concentrations in freshwater fish across the Western United States and Canada. Science of the Total Environment, 2016, 568, 1171-1184.	8.0	125
13	Mercury in western North America: A synthesis of environmental contamination, fluxes, bioaccumulation, and risk to fish and wildlife. Science of the Total Environment, 2016, 568, 1213-1226.	8.0	116
14	Evaluating the effectiveness of the Minamata Convention on Mercury: Principles and recommendations for next steps. Science of the Total Environment, 2016, 569-570, 888-903.	8.0	101
15	Geographic and Seasonal Variation in Mercury Exposure of the Declining Rusty Blackbird. Condor, 2010, 112, 789-799.	1.6	86
16	Songbirds as sentinels of mercury in terrestrial habitats of eastern North America. Ecotoxicology, 2015, 24, 453-467.	2.4	84
17	Monitoring the Response to Changing Mercury Deposition. Environmental Science & Technology, 2005, 39, 14A-22A.	10.0	83
18	Patterns of common loon (Gavia immer) mercury exposure, reproduction, and survival in wisconsin, USA. Environmental Toxicology and Chemistry, 1998, 17, 184-190.	4.3	82

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19	Mercury and other Contaminants in Common Loons Breeding in Atlantic Canada. Ecotoxicology, 2005, 14, 241-252.	2.4	77
20	PATTERNS OF COMMON LOON (GAVIA IMMER) MERCURY EXPOSURE, REPRODUCTION, AND SURVIVAL IN WISCONSIN, USA. Environmental Toxicology and Chemistry, 1998, 17, 184.	4.3	71
21	Mercury flow through an Asian rice-based food web. Environmental Pollution, 2017, 229, 219-228.	7.5	69
22	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. Environmental Science & Technology, 2016, 50, 2767-2770.	10.0	68
23	Tissue mercury concentrations and adrenocortical responses of female big brown bats (Eptesicus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	65
24	MercNet: a national monitoring network to assess responses to changing mercury emissions in the United States. Ecotoxicology, 2011, 20, 1713-1725.	2.4	65
25	Mercury Levels in Mink (Mustela vison) and River Otter (Lontra canadensis) from Northeastern North America. Ecotoxicology, 2005, 14, 263-274.	2.4	63
26	Marine Foraging Birds As Bioindicators of Mercury in the Gulf of Maine. EcoHealth, 2008, 5, 409-425.	2.0	60
27	Factors regulating the bioavailability of methylmercury to breeding rusty blackbirds in northeastern wetlands. Environmental Pollution, 2012, 171, 148-154.	7.5	60
28	Derivation of screening benchmarks for dietary methylmercury exposure for the common loon (Gavia immer): Rationale for use in ecological risk assessment. Environmental Toxicology and Chemistry, 2012, 31, 2399-2407.	4.3	59
29	Mercury in tropical and subtropical coastal environments. Environmental Research, 2012, 119, 88-100.	7.5	59
30	Mercury exposure in terrestrial birds far downstream of an historical point source. Environmental Pollution, 2011, 159, 3302-3308.	7.5	58
31	The corticosterone stress response and mercury contamination in free-living tree swallows, Tachycineta bicolor. Ecotoxicology, 2009, 18, 514-521.	2.4	56
32	Mercury in bats from the northeastern United States. Ecotoxicology, 2014, 23, 45-55.	2.4	56
33	Genetic monogamy in the common loon (Gavia immer). Behavioral Ecology and Sociobiology, 1997, 41, 25-31.	1.4	53
34	Spatial patterns of mercury in biota of Adirondack, New York lakes. Ecotoxicology, 2011, 20, 1543-1554.	2.4	52
35	Mercury in Northeastern North America: A synthesis of Existing Databases. Ecotoxicology, 2005, 14, 7-14.	2.4	51
36	Common loons (Gavia immer) nesting on low ph lakes in northern Wisconsin have elevated blood mercury content. Water, Air, and Soil Pollution, 1995, 80, 871-880.	2.4	50

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37	Common Loon Survival Rates and Mercury in New England and Wisconsin. Journal of Wildlife Management, 2008, 72, 665-673.	1.8	50
38	Spatial gradients of methylmercury for breeding common loons in the Laurentian Great Lakes region. Ecotoxicology, 2011, 20, 1609-1625.	2.4	46
39	Mercury contamination in the Laurentian Great Lakes region: Introduction and overview. Environmental Pollution, 2012, 161, 243-251.	7.5	46
40	Mercury in the Great Lakes region: bioaccumulation, spatiotemporal patterns, ecological risks, and policy. Ecotoxicology, 2011, 20, 1487-1499.	2.4	45
41	Global mercury and selenium concentrations in skin from free-ranging sperm whales (Physeter) Tj ETQq1 1 0.784314 rgBT /Overlock 10	8.0	43
42	Mercury Contamination of Biota from Acadia National Park, Maine: A Review. Environmental Monitoring and Assessment, 2007, 126, 105-115.	2.7	42
43	Toxicological significance of mercury in yellow perch in the Laurentian Great Lakes region. Environmental Pollution, 2012, 161, 350-357.	7.5	42
44	Polycyclic aromatic hydrocarbons in blood related to lower body mass in common loons. Science of the Total Environment, 2016, 565, 360-368.	8.0	42
45	MERCURY EXPOSURE IN BREEDING COMMON LOONS (GAVIA IMMER) IN CENTRAL ONTARIO, CANADA. Environmental Toxicology and Chemistry, 1998, 17, 191.	4.3	40
46	Use of Satellite Telemetry to Identify Common Loon Migration Routes, Staging Areas and Wintering Range. Waterbirds, 2002, 25, 449-458.	0.3	38
47	A global-scale assessment of fish mercury concentrations and the identification of biological hotspots. Science of the Total Environment, 2019, 687, 956-966.	8.0	37
48	Integrated Mercury Monitoring Program for Temperate Estuarine and Marine Ecosystems on the North American Atlantic Coast. EcoHealth, 2008, 5, 426-441.	2.0	36
49	Benefits of Regulating Hazardous Air Pollutants from Coal and Oil-Fired Utilities in the United States. Environmental Science & Technology, 2016, 50, 2117-2120.	10.0	35
50	Local Movements of Color-Marked Common Loons. Journal of Wildlife Management, 1997, 61, 1253.	1.8	34
51	Mercury concentrations in biota in the Mediterranean Sea, a compilation of 40 years of surveys. Scientific Data, 2019, 6, 205.	5.3	34
52	Mercury risk to avian piscivores across western United States and Canada. Science of the Total Environment, 2016, 568, 685-696.	8.0	33
53	Synthesis of Maternal Transfer of Mercury in Birds: Implications for Altered Toxicity Risk. Environmental Science & Technology, 2020, 54, 2878-2891.	10.0	32
54	Cyanobacterial Neurotoxin BMAA and Mercury in Sharks. Toxins, 2016, 8, 238.	3.4	31

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55	Mercury in breeding saltmarsh sparrows (Ammodramus caudacutus caudacutus). Ecotoxicology, 2011, 20, 1984-1991.	2.4	30
56	Integrating mercury science and policy in the marine context: Challenges and opportunities. Environmental Research, 2012, 119, 132-142.	7.5	29
57	Understanding sources of methylmercury in songbirds with stable mercury isotopes: Challenges and future directions. Environmental Toxicology and Chemistry, 2018, 37, 166-174.	4.3	29
58	Mercury in Sharp-Tailed Sparrows Breeding in Coastal Wetlands. Environmental Bioindicators, 2006, 1, 129-135.	0.4	28
59	Mercury Poisoning in a Free-Living Northern River Otter (Lontra canadensis). Journal of Wildlife Diseases, 2010, 46, 1035-1039.	0.8	28
60	Hematological indices of injury to lightly oiled birds from the Deepwater Horizon oil spill. Environmental Toxicology and Chemistry, 2018, 37, 451-461.	4.3	28
61	Historic and Contemporary Mercury Exposure and Potential Risk to Yellow-Billed Loons (Gavia) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	27
62	Assessing potential health risks to fish and humans using mercury concentrations in inland fish from across western Canada and the United States. Science of the Total Environment, 2016, 571, 342-354.	8.0	27
63	Elevated mercury in blood and feathers of breeding marsh birds along the contaminated lower Penobscot River, Maine, USA. Science of the Total Environment, 2018, 634, 1563-1579.	8.0	27
64	Polycyclic Aromatic Hydrocarbons Detected in Common Loons (Gavia immer) Wintering off Coastal Louisiana. Waterbirds, 2014, 37, 85-93.	0.3	26
65	HEMATOLOGIC AND PHYSIOLOGIC REFERENCE RANGES FOR FREE-RANGING ADULT AND YOUNG COMMON LOONS (GAVIA IMMER). Journal of Zoo and Wildlife Medicine, 2005, 36, 385-390.	0.6	24
66	Economic implications of mercury exposure in the context of the global mercury treaty: Hair mercury levels and estimated lost economic productivity in selected developing countries. Journal of Environmental Management, 2016, 183, 229-235.	7.8	24
67	GEOGRAPHIC TREND IN MERCURY MEASURED IN COMMON LOON FEATHERS AND BLOOD. Environmental Toxicology and Chemistry, 1998, 17, 173.	4.3	24
68	Mercury exposure and risk in breeding and staging Alaskan shorebirds. Condor, 2016, 118, 571-582.	1.6	23
69	Ecotoxicology of Mercury in Fish and Wildlife: Recent Advances. , 2012, , 223-238.		23
70	Common Loon (Gavia immer). , 2010, , .		21
71	Wildlife Indicators. , 2007, , 123-189.		19
72	Reproductive Advantages for Common Loons Using Rafts. Journal of Wildlife Management, 2007, 71, 1206-1213.	1.8	17

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73	The Impact of Mercury Exposure on the Common Loon (Gavia immer) Population in the Adirondack Park, New York, USA. Waterbirds, 2014, 37, 133-146.	0.3	17
74	Winter site fidelity and winter movements in Common Loons (Gavia immer) across North America. Condor, 2015, 117, 485-493.	1.6	17
75	Challenges to Oil Spill Assessment for Seabirds in the Deep Ocean. Archives of Environmental Contamination and Toxicology, 2017, 73, 33-39.	4.1	17
76	Mercury in waterfowl from a contaminated river in Virginia. Journal of Wildlife Management, 2012, 76, 1617-1624.	1.8	15
77	Mercury correlates with altered corticosterone but not testosterone or estradiol concentrations in common loons. Ecotoxicology and Environmental Safety, 2017, 142, 348-354.	6.0	15
78	Mercury and Selenium Concentrations in Livers and Eggs of Common Loons (Gavia immer) from Minnesota. Archives of Environmental Contamination and Toxicology, 2002, 42, 71-76.	4.1	14
79	Migration Patterns and Wintering Range of Common Loons Breeding in the Northeastern United States. Waterbirds, 2009, 32, 234-247.	0.3	14
80	MERGANSER: An Empirical Model To Predict Fish and Loon Mercury in New England Lakes. Environmental Science & Technology, 2012, 46, 4641-4648.	10.0	14
81	Activity budgets of a marked common loon (Gavia immer) nesting population. Hydrobiologia, 1994, 279-280, 415-420.	2.0	13
82	Analysis of genetic diversity in common loon Gavia immer using RAPD and mitochondrial RFLP techniques. Molecular Ecology, 1997, 6, 581-586.	3.9	13
83	Changes in mercury exposure of marine birds breeding in the Gulf of Maine, 2008â€“2013. Marine Pollution Bulletin, 2018, 128, 156-161.	5.0	13
84	Timber harvest alters mercury bioaccumulation and food web structure in headwater streams. Environmental Pollution, 2019, 253, 636-645.	7.5	13
85	Effects of water-level management on nesting success of common loons. Journal of Wildlife Management, 2013, 77, 1626-1638.	1.8	12
86	Reduced mercury deposition in New Hampshire from 1996 to 2002 due to changes in local sources. Environmental Pollution, 2008, 156, 1348-1356.	7.5	11
87	Interactive effects of climate change with nutrients, mercury, and freshwater acidification on key taxa in the North Atlantic Landscape Conservation Cooperative region. Integrated Environmental Assessment and Management, 2015, 11, 355-369.	2.9	11
88	Historical patterns in mercury exposure for North American songbirds. Ecotoxicology, 2020, 29, 1161-1173.	2.4	11
89	The effects of climate, habitat, and trophic position on methylmercury bioavailability for breeding New York songbirds. Ecotoxicology, 2020, 29, 1843-1861.	2.4	11
90	Mercury concentrations in bald eagles across an impacted watershed in Maine, USA. Science of the Total Environment, 2018, 627, 1515-1527.	8.0	10

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91	Macrogeographic Variation in the Body Size and Territorial Vocalizations of Male Common Loons (Gavia immer). Waterbirds, 2007, 30, 64-72.	0.3	9
92	Geographic and temporal patterns of variation in total mercury concentrations in blood of harlequin ducks and blue mussels from Alaska. Marine Pollution Bulletin, 2017, 117, 178-183.	5.0	9
93	The impact of mercury on North American songbirds: effects, trends, and predictive factors. Ecotoxicology, 2020, 29, 1107-1116.	2.4	9
94	Feather mercury increases with feeding at higher trophic levels in two species of migrant raptors, Merlin (Falco columbarius) and Sharp-shinned Hawk (Accipiter striatus). Condor, 2020, 122, .	1.6	9
95	Characterization of seven polymorphic microsatellite loci in the Common Loon (Gavia immer). Molecular Ecology Notes, 2004, 4, 297-299.	1.7	8
96	Body Mass in Common Loons (Gavia immer) Strongly Associated with Migration Distance. Waterbirds, 2014, 37, 64-75.	0.3	8
97	Mercury exposure in songbird communities along an elevational gradient on Whiteface Mountain, Adirondack Park (New York, USA). Ecotoxicology, 2020, 29, 1830-1842.	2.4	8
98	Guidelines for Constructing and Deploying Common Loon Nesting Rafts. Northeastern Naturalist, 2008, 15, 75-86.	0.3	7
99	Common Loons (Gavia immer) Wintering off the Louisiana Coast Tracked to Saskatchewan during the Breeding Season. Waterbirds, 2014, 37, 47-52.	0.3	7
100	Spatial patterns and temporal trends in mercury concentrations in common loons (Gavia immer) from 1998 to 2016 in New Yorkâ€™s Adirondack Park: has this top predator benefitted from mercury emission controls?. Ecotoxicology, 2020, 29, 1774-1785.	2.4	7
101	Restoration of common loons following the North Cape Oil Spill, Rhode Island, USA. Science of the Total Environment, 2019, 695, 133849.	8.0	6
102	Oiling of American white pelicans, common loons, and northern gannets in the winter following the Deepwater Horizon (MC252) oil spill. Environmental Monitoring and Assessment, 2019, 191, 817.	2.7	6
103	The influence of biotic and abiotic factors on banded common loon (Gavia immer) reproductive success in a remote, mountainous region of the northeastern United States. Ecotoxicology, 2020, 29, 1794-1801.	2.4	6
104	A synthesis of patterns of environmental mercury inputs, exposure and effects in New York State. Ecotoxicology, 2020, 29, 1565-1589.	2.4	6
105	Mercury exposure in migrating songbirds: correlations with physical condition. Ecotoxicology, 2020, 29, 1240-1253.	2.4	6
106	Mercury exposure in songbird communities within Sphagnum bog and upland forest ecosystems in the Adirondack Park (New York, USA). Ecotoxicology, 2020, 29, 1815-1829.	2.4	6
107	Leveraging genomics to understand threats to migratory birds. Evolutionary Applications, 2021, 14, 1646-1658.	3.1	6
108	Wildlife Criterion Value for the Common Loon (Gavia immer) in the Adirondack Park, New York, USA. Waterbirds, 2014, 37, 76-84.	0.3	5

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109	Bald eagle mercury exposure varies with region and site elevation in New York, USA. Ecotoxicology, 2020, 29, 1862-1876.	2.4	5
110	Determining optimal sampling strategies for monitoring mercury and reproductive success in common loons in the Adirondacks of New York. Ecotoxicology, 2020, 29, 1786-1793.	2.4	4
111	OBSOLETE: Mercury in higher biota. Biological effects. , 2018, , .		3
112	Introduction: An Overview of Loon Research and Conservation in North America. Waterbirds, 2014, 37, 1-5.	0.3	2
113	Patterns of blood mercury variation in two long-distance migratory thrushes on Mount Mansfield, Vermont. Ecotoxicology, 2020, 29, 1174-1182.	2.4	2