

Thomas W Custer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

1,932
citations

28
h-index

39
g-index

81
ext. papers

2,058
ext. citations

4
avg, IF

4.25
L-index

#	Paper	IF	Citations
80	Pathogens, Nutritional Deficiency, and Climate Influences on a Declining Moose Population. <i>Wildlife Monographs</i> , 2006 , 166, 1-30	3.7	113
79	Biomonitoring environmental contamination with pipping black-crowned night heron embryos: Induction of cytochrome P450. <i>Environmental Toxicology and Chemistry</i> , 1993 , 12, 1719-1732	3.8	72
78	Reproduction and environmental contamination in tree swallows nesting in the Fox River Drainage and Green Bay, Wisconsin, USA. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 1786-1798	3.8	70
77	Exposure and effects of chemical contaminants on tree swallows nesting along the Housatonic River, Berkshire County, Massachusetts, USA, 1998-2000. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1605-21	3.8	65
76	Organochlorine contaminants and reproductive success of double-crested cormorants from Green Bay, Wisconsin, USA. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 1209-1217	3.8	63
75	Tissue lead distribution and hematologic effects in American kestrels (<i>Falco sparverius</i> L.) fed biologically incorporated lead. <i>Journal of Wildlife Diseases</i> , 1984 , 20, 39-43	1.3	62
74	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 1209	3.8	58
73	Clutch Size, Reproductive Success, and Organochlorine Contaminants in Atlantic Coast Black-Crowned Night-Herons. <i>Auk</i> , 1983 , 100, 699-710	2.1	57
72	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 260-271	3.8	55
71	Exposure and effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin in tree swallows (<i>Tachycineta bicolor</i>) nesting along the Woonasquatucket River, Rhode Island, USA. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 93-109	3.8	55
70	Exposure and effects of perfluoroalkyl substances in tree swallows nesting in Minnesota and Wisconsin, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 66, 120-38	3.2	48
69	Trace elements in lesser scaup (<i>Aythya affinis</i>) from the Mississippi flyway. <i>Ecotoxicology</i> , 2003 , 12, 47-54.9	4.9	47
68	Exposure and effects of perfluoroalkyl compounds on tree swallows nesting at Lake Johanna in east central Minnesota, USA. <i>Reproductive Toxicology</i> , 2012 , 33, 556-562	3.4	46
67	Relation among cytochrome p450, ah-active pcb congeners and dioxin equivalents in pipping black-crowned night-heron embryos. <i>Environmental Toxicology and Chemistry</i> , 1994 , 13, 1805-1812	3.8	46
66	Within-and among-clutch variation of organochlorine residues in eggs of black-crowned night-herons. <i>Environmental Monitoring and Assessment</i> , 1990 , 15, 83-9	3.1	46
65	Organochlorine and trace element contamination in wintering and migrating diving ducks in the southern great lakes, USA, since the zebra mussel invasion. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 2821-2829	3.8	44
64	Polycyclic aromatic hydrocarbons, aliphatic hydrocarbons, trace elements, and monooxygenase activity in birds nesting on the North Platte River, Casper, Wyoming, USA. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 624-631	3.8	42

63	Patterns of organic contaminants in eggs of an insectivorous, an omnivorous, and a piscivorous bird nesting on the Hudson River, New York, USA. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 2286-96	3.8	39
62	Relationships of cadmium, mercury, and selenium with nutrient reserves of female lesser scaup (<i>Aythya affinis</i>) during winter and spring migration. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 515-20	3.8	34
61	Transfer and accumulation of organochlorines from black-crowned night-heron eggs to chicks. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 533-536	3.8	33
60	Mercury exposure and effects on cavity-nesting birds from the Carson River, Nevada. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 52, 129-36	3.2	32
59	Organochlorine contaminants in eggs of Common Terns from the Canadian Great Lakes, 1981. <i>Environmental Pollution</i> , 1989 , 59, 141-60	9.3	32
58	Trace element concentrations and bioindicator responses in tree swallows from northwestern Minnesota. <i>Environmental Monitoring and Assessment</i> , 2006 , 118, 247-66	3.1	31
57	Selenium and metal concentrations in waterbird eggs and chicks at Agassiz National Wildlife Refuge, Minnesota. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 53, 103-9	3.2	29
56	Effects of mercury, selenium, and organochlorine contaminants on reproduction of Forster's terns and black skimmers nesting in a contaminated Texas Bay. <i>Archives of Environmental Contamination and Toxicology</i> , 1991 , 20, 32-40	3.2	29
55	Effects of egg order on organic and inorganic element concentrations and egg characteristics in tree swallows, <i>Tachycineta bicolor</i> . <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 909-21	3.8	28
54	Corticosterone stress response in tree swallows nesting near polychlorinated biphenyl- and dioxin-contaminated rivers. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 2326-31	3.8	28
53	Organochlorines and Mercury in Eggs of Coastal Terns and Herons in California, USA. <i>Waterbirds</i> , 1988 , 11, 85		28
52	Heavy metal residues in prefledgling black-crowned night-herons from three Atlantic coast colonies. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1983 , 30, 178-85	2.7	28
51	Reproductive success of barn swallows nesting near a selenium-contaminated lake in east Texas, USA. <i>Environmental Pollution</i> , 1994 , 84, 53-8	9.3	27
50	Cytochrome p450 and contaminant concentrations in nestling black-crowned night-herons and their interrelation with sibling embryos. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 715-721	3.8	25
49	Mercury and other element exposure to tree swallows (<i>Tachycineta bicolor</i>) nesting on Lostwood National Wildlife Refuge, North Dakota. <i>Environmental Pollution</i> , 2008 , 155, 217-26	9.3	24
48	Reproductive success and nest attentiveness of mallard ducks fed Aroclor 1254. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1980 , 21, 313-318		24
47	Distribution of organochlorine contaminants in double-crested cormorant eggs and sibling embryos. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 1646-1649	3.8	20
46	Perfluorinated Compounds and Polybrominated Diphenyl Ethers in Great Blue Heron Eggs from Three Colonies on the Mississippi River, Minnesota. <i>Waterbirds</i> , 2010 , 33, 86-95	0.5	19

45	Trace elements in canvasbacks (<i>Aythya valisineria</i>) wintering in Louisiana, USA, 1987-1988. <i>Environmental Pollution</i> , 1994 , 84, 253-9	9.3	19
44	Organic contamination in tree swallow (<i>Tachycineta bicolor</i>) nestlings at United States and binational Great Lakes Areas of Concern. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 735-748	3.8	18
43	Polychlorinated biphenyls, dioxins, furans, and organochlorine pesticides in belted kingfisher eggs from the upper Hudson River basin, New York, USA. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 99-110	3.8	18
42	Adult tree swallow (<i>Tachycineta bicolor</i>) survival on the polychlorinated biphenyl-contaminated Housatonic River, Massachusetts, USA. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 1056-65	3.8	18
41	Water level management and contaminant exposure to tree swallows nesting on the Upper Mississippi River. <i>Environmental Monitoring and Assessment</i> , 2007 , 133, 335-45	3.1	18
40	Polychlorinated biphenyls, dioxins, furans, and organochlorine pesticides in spotted sandpiper eggs from the upper Hudson River basin, New York. <i>Ecotoxicology</i> , 2010 , 19, 391-404	2.9	17
39	PCBs and DDE in tree swallow (<i>Tachycineta bicolor</i>) eggs and nestlings from an estuarine PCB superfund site, New Bedford Harbor, MA, U.S.A. <i>Environmental Science & Technology</i> , 2009 , 43, 8387-92	10.3	16
38	Organochlorine Residues in Common Tern Eggs from Nine Atlantic Coast Colonies, 1980. <i>Waterbirds</i> , 1983 , 6, 197		16
37	Reproductive success and heavy metal contamination in Rhode Island common terns. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1986 , 41, 33-52		16
36	Concentrations and spatial patterns of organic contaminants in tree swallow (<i>Tachycineta bicolor</i>) eggs at United States and binational Great Lakes Areas of Concern, 2010-2015. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 3071-3092	3.8	16
35	Trace elements in moose (<i>Alces alces</i>) found dead in Northwestern Minnesota, USA. <i>Science of the Total Environment</i> , 2004 , 330, 81-7	10.2	15
34	Perfluoroalkyl Contaminant Exposure and Effects in Tree Swallows Nesting at Clarks Marsh, Oscoda, Michigan, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2019 , 77, 1-13	3.2	14
33	Mercury and other element exposure in tree swallows nesting at low pH and neutral pH lakes in northern Wisconsin USA. <i>Environmental Pollution</i> , 2012 , 163, 68-76	9.3	13
32	Perfluorinated compound concentrations in great blue heron eggs near St. Paul, Minnesota, USA, in 1993 and 2010-2011. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 1077-83	3.8	13
31	Exposure to insecticides of brushland wildlife within the Lower Rio Grande Valley, Texas, USA. <i>Environmental Pollution</i> , 1987 , 45, 207-20	9.3	13
30	Adult tree swallow survival on the polychlorinated biphenyl-contaminated Hudson River, New York, USA, between 2006 and 2010. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 1788-92	3.8	12
29	Exposure and effects of chemical contaminants on tree swallows nesting along the Housatonic River, Berkshire County, Massachusetts, USA, 1998-2000. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1605-1621	3.8	12
28	Trace elements and organochlorines in the shoalgrass community of the lower Laguna Madre, Texas. <i>Environmental Monitoring and Assessment</i> , 1993 , 25, 235-46	3.1	12

27	Perfluorinated compounds and polybrominated diphenyl ethers in great blue heron eggs from Indiana Dunes National Lakeshore, Indiana. <i>Journal of Great Lakes Research</i> , 2009 , 35, 401-405	3	11
26	EROD activity, chromosomal damage, and oxidative stress in response to contaminants exposure in tree swallow (<i>Tachycineta bicolor</i>) nestlings from Great Lakes Areas of Concern. <i>Ecotoxicology</i> , 2017 , 26, 1392-1407	2.9	10
25	Contaminant exposure of birds nesting in Green Bay, Wisconsin, USA. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1832-9	3.8	10
24	Organochlorines, Mercury, and Selenium in Great Blue Heron Eggs from Indiana Dunes National Lakeshore, Indiana. <i>Journal of Great Lakes Research</i> , 1998 , 24, 3-11	3	10
23	Contaminant Exposure and Biomarker Response in Embryos of Black-crowned Night-herons (<i>Nycticorax nycticorax</i>) Nesting near Lake Calumet, Illinois. <i>Journal of Great Lakes Research</i> , 2007 , 33, 791-805	3	9
22	Element patterns in feathers of nestling black-crowned night-herons, <i>Nycticorax nycticorax</i> L., from four colonies in Delaware, Maryland, and Minnesota. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 81, 147-51	2.7	9
21	Contaminant exposure of barn swallows nesting on Bayou d'Inde, Calcasieu Estuary, Louisiana, USA. <i>Environmental Monitoring and Assessment</i> , 2006 , 121, 543-60	3.1	9
20	Organochlorine Concentrations in Prefledging Common Terns at Three Rhode Island Colonies. <i>Waterbirds</i> , 1985 , 8, 150		9
19	. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1605	3.8	9
18	Dredging and contaminant exposure to tree swallows nesting on the upper Mississippi River. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 9043-53	3.1	8
17	Contaminant exposure of willets feeding in agricultural drainages of the Lower Rio Grande Valley of South Texas. <i>Environmental Monitoring and Assessment</i> , 1991 , 16, 189-200	3.1	8
16	Polycyclic aromatic hydrocarbons, aliphatic hydrocarbons, trace elements, and monooxygenase activity in birds nesting on the North Platte River, Casper, Wyoming, USA 2001 , 20, 624		8
15	Reproductive success and contaminant associations in tree swallows (<i>Tachycineta bicolor</i>) used to assess a Beneficial Use Impairment in U.S. and Binational Great Lakes Areas of Concern. <i>Ecotoxicology</i> , 2018 , 27, 457-476	2.9	7
14	Evaluation of an Extendable Pole-Net to Collect Heron Eggs in the Canopy of Tall Trees. <i>Waterbirds</i> , 1995 , 18, 120		7
13	Reproduction and environmental contamination in tree swallows nesting in the Fox River Drainage and Green Bay, Wisconsin, USA 1998 , 17, 1786		7
12	Incubation stage and polychlorinated biphenyl (PCB) congener patterns in an altricial and precocial bird species. <i>Environmental Pollution</i> , 2014 , 195, 109-14	9.3	4
11	Improved method for quantifying the avicide 3-chloro-p-toluidine hydrochloride in bird tissues using a deuterated surrogate/GC/MS method. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 732-8	5.7	4
10	Chromosomal damage and EROD induction in tree swallows (<i>Tachycineta bicolor</i>) along the Upper Mississippi River, Minnesota, USA. <i>Ecotoxicology</i> , 2015 , 24, 1028-39	2.9	3

9	Annual variation in polychlorinated biphenyl (PCB) exposure in tree swallow (<i>Tachycineta bicolor</i>) eggs and nestlings at Great Lakes Restoration Initiative (GLRI) study sites. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 227	3.1	3
8	Changes in polychlorinated biphenyl (PCB) exposure in tree swallows (<i>Tachycineta bicolor</i>) nesting along the Sheboygan River, WI, USA. <i>Ecotoxicology</i> , 2014 , 23, 1439-46	2.9	3
7	Legacy and Contaminants of Emerging Concern in Tree Swallows Along an Agricultural to Industrial Gradient: Maumee River, Ohio. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 1936-1952	3.8	2
6	A Mining Impacted Stream 2002 ,		2
5	Cytochrome p450 and contaminant concentrations in nestling black-crowned night-herons and their interrelation with sibling embryos 1996 , 15, 715		2
4	Element Concentrations in Tree Swallows (<i>Tachycineta bicolor</i>) from the U.S. and Binational Great Lakes Areas of Concern. <i>Archives of Environmental Contamination and Toxicology</i> , 2019 , 76, 414-424	3.2	1
3	Lead effects on body composition and organ size of wintering canvasbacks <i>Aythya valisineria</i> in Louisiana. <i>Wildlife Biology</i> , 1999 , 5, 3	1.7	1
2	Mercury Concentrations in Eggs of Red-Winged Blackbirds and Tree Swallows Breeding in Voyageurs National Park, Minnesota. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 16-25	3.2	1
1	Using tree swallows to assess reductions in PCB exposure as a result of dredging at Great Lakes Restoration Initiative (GLRI) sites in the Upper Midwest, USA. <i>Ecotoxicology</i> , 2021 , 30, 1116-1125	2.9	0