

# Thomas W Custer

## List of Publications by Year in descending order

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80  
papers

2,306  
citations

159585

30  
h-index

243625

44  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogens, Nutritional Deficiency, and Climate Influences on a Declining Moose Population. <i>Wildlife Monographs</i> , 2006, 166, 1-30.	3.0	151
2	Biomonitoring environmental contamination with pipping black-crowned night heron embryos: Induction of cytochrome P450. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 1719-1732.	4.3	77
3	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.	0.8	76
4	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.	4.3	76
5	Organochlorine contaminants and reproductive success of double-crested cormorants from Green Bay, Wisconsin, USA. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1209-1217.	4.3	73
6	Clutch Size, Reproductive Success, and Organochlorine Contaminants in Atlantic Coast Black-Crowned Night-Herons. <i>Auk</i> , 1983, 100, 699-710.	1.4	68
7	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.	4.3	66
8	ORGANOCHLORINE CONTAMINANTS AND REPRODUCTIVE SUCCESS OF DOUBLE-CRESTED CORMORANTS FROM GREEN BAY, WISCONSIN, USA. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 1209.	4.3	65
9	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, 120-138.	4.1	63
10	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.	4.3	62
11	EXPOSURE AND EFFECTS OF 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN IN TREE SWALLOWS ( <i>TACHYCINETA</i> ) <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 93.	4.3	60
12	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.	4.3	54
13	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.	2.9	54
14	Trace elements in lesser scaup ( <i>Aythya affinis</i> ) from the Mississippi flyway. <i>Ecotoxicology</i> , 2003, 12, 47-54.	2.4	53
15	Relation among cytochrome p450, active pcb congeners and dioxin equivalents in pipping black-crowned night-heron embryos. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 1805-1812.	4.3	52
16	Within-and among-clutch variation of organochlorine residues in eggs of black-crowned night-herons. <i>Environmental Monitoring and Assessment</i> , 1990, 15, 83-89.	2.7	50
17	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.	4.3	47
18	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.	4.3	45

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19	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, 2286-2296.	4.3	42
20	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.	4.1	41
21	Organochlorine contaminants in eggs of common terns from the Canadian Great Lakes, 1981. <i>Environmental Pollution</i> , 1989, 59, 141-160.	7.5	39
22	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.	4.3	36
23	Mercury Exposure and Effects on Cavity-Nesting Birds from the Carson River, Nevada. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 129-136.	4.1	36
24	Heavy metal residues in prefledgling black-crowned night-herons from three Atlantic coast colonies. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1983, 30, 178-185.	2.7	35
25	Organochlorines and Mercury in Eggs of Coastal Terns and Herons in California, USA. <i>Waterbirds</i> , 1988, 11, 85.	0.4	35
26	Transfer and accumulation of organochlorines from black-crowned night-heron eggs to chicks. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 533-536.	4.3	35
27	Trace Element Concentrations and Bioindicator Responses in Tree Swallows from Northwestern Minnesota. <i>Environmental Monitoring and Assessment</i> , 2006, 118, 247-266.	2.7	33
28	Corticosterone stress response in tree swallows nesting near polychlorinated biphenyl- and dioxin-contaminated rivers. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2326-2331.	4.3	33
29	Reproductive success and nest attentiveness of mallard ducks fed Aroclor 1254. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1980, 21, 313-318.	0.7	32
30	Reproductive success of barn swallows nesting near a selenium-contaminated lake in east Texas, USA. <i>Environmental Pollution</i> , 1994, 84, 53-58.	7.5	31
31	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, 103-109.	4.1	31
32	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.	4.3	29
33	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, 909-921.	4.3	28
34	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.	4.3	28
35	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.	4.1	27
36	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, 217-226.	7.5	25

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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.	0.7	24
38	Trace elements in canvasbacks ( <i>Aythya valisineria</i> ) wintering in Louisiana, USA, 1987-1988. <i>Environmental Pollution</i> , 1994, 84, 253-259.	7.5	23
39	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.	0.3	22
40	Distribution of organochlorine contaminants in double-crested cormorant eggs and sibling embryos. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1646-1649.	4.3	21
41	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.	4.3	20
42	Concentrations and spatial patterns of organic contaminants in tree swallow ( <i>Tachycineta</i> ) eggs. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 3071-3092.	4.3	20
43	Organochlorine Residues in Common Tern Eggs from Nine Atlantic Coast Colonies, 1980. <i>Waterbirds</i> , 1983, 6, 197.	0.4	19
44	ADULT TREE SWALLOW ( <i>TACHYCNETA BICOLOR</i> ) SURVIVAL ON THE POLYCHLORINATED BIPHENYL-CONTAMINATED HOUSATONIC RIVER, MASSACHUSETTS, USA. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1056.	4.3	19
45	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.	2.4	19
46	Trace elements in moose ( <i>Alces alces</i> ) found dead in Northwestern Minnesota, USA. <i>Science of the Total Environment</i> , 2004, 330, 81-87.	8.0	18
47	Water level management and contaminant exposure to tree swallows nesting on the Upper Mississippi River. <i>Environmental Monitoring and Assessment</i> , 2007, 133, 335-345.	2.7	18
48	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.	2.4	17
49	Exposure to insecticides of Brushland wildlife within the Lower Rio Grande Valley, Texas, USA. <i>Environmental Pollution</i> , 1987, 45, 207-220.	7.5	16
50	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 &amp; Technology</i> , 2009, 43, 8387-8392.	10.0	16
51	Trace elements and organochlorines in the shoalgrass community of the lower Laguna Madre, Texas. <i>Environmental Monitoring and Assessment</i> , 1993, 25, 235-246.	2.7	15
52	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.	7.5	15
53	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, 1077-1083.	4.3	15
54	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, 1788-1792.	4.3	14

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55	Contaminant exposure of birds nesting in Green Bay, Wisconsin, USA. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1832-1839.	4.3	14
56	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.	1.9	13
57	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.	1.9	12
58	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.	2.7	11
59	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, 147-151.	2.7	11
60	Contaminant Exposure of Barn Swallows Nesting on Bayou D'Inde, Calcasieu Estuary, Louisiana, USA. <i>Environmental Monitoring and Assessment</i> , 2006, 121, 543-560.	2.7	10
61	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.	2.4	10
62	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.	4.3	10
63	Organochlorine Concentrations in Prefledging Common Terns at Three Rhode Island Colonies. <i>Waterbirds</i> , 1985, 8, 150.	0.4	9
64	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.	1.9	9
65	Dredging and contaminant exposure to tree swallows nesting on the upper Mississippi River. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9043-9053.	2.7	9
66	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.	4.3	9
67	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.	4.3	8
68	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.	4.3	8
69	Evaluation of an Extendable Pole-Net to Collect Heron Eggs in the Canopy of Tall Trees. <i>Waterbirds</i> , 1995, 18, 120.	0.4	7
70	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, 732-738.	5.2	7
71	A Mining Impacted Stream. , 2002, , .		5
72	Incubation stage and polychlorinated biphenyl (PCB) congener patterns in an altricial and precocial bird species. <i>Environmental Pollution</i> , 2014, 195, 109-114.	7.5	5

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73	Chromosomal damage and EROD induction in tree swallows ( <i>Tachycineta bicolor</i> ) along the Upper Mississippi River, Minnesota, USA. <i>Ecotoxicology</i> , 2015, 24, 1028-1039.	2.4	4
74	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.	2.7	4
75	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, 1439-1446.	2.4	3
76	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.	4.1	2
77	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.	2.4	2
78	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.	4.3	2
79	Lead effects on body composition and organ size of wintering canvasbacks <i>Aythya valisineria</i> in Louisiana. <i>Wildlife Biology</i> , 1999, 5, 3.	1.4	2
80	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.	4.1	1