

# Craig A Stricker

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,830  
citations

218592

26  
h-index

276775

41  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamorphosis Alters Contaminants and Chemical Tracers in Insects: Implications for Food Webs. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10957-10965.	4.6	105
2	Development of a preliminary invertebrate index of biotic integrity for Lake Huron coastal wetlands. <i>Wetlands</i> , 1999, 19, 869-882.	0.7	101
3	Methylmercury production in sediment from agricultural and non-agricultural wetlands in the Yolo Bypass, California, USA. <i>Science of the Total Environment</i> , 2014, 484, 288-299.	3.9	97
4	Mercury cycling in agricultural and managed wetlands: A synthesis of methylmercury production, hydrologic export, and bioaccumulation from an integrated field study. <i>Science of the Total Environment</i> , 2014, 484, 221-231.	3.9	85
5	Stable isotopes differentiate bottlenose dolphins off west-central Florida. <i>Marine Mammal Science</i> , 2010, 26, 324-336.	0.9	78
6	Isotopic Incorporation and the Effects of Fasting and Dietary Lipid Content on Isotopic Discrimination in Large Carnivorous Mammals. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 182-197.	0.6	74
7	Are inland wolfâ€“ungulate systems influenced by marine subsidies of Pacific salmon?. <i>Ecological Applications</i> , 2010, 20, 251-262.	1.8	65
8	Continentalâ€“scale, seasonal movements of a heterothermic migratory tree bat. <i>Ecological Applications</i> , 2014, 24, 602-616.	1.8	63
9	Foraging segregation and genetic divergence between geographically proximate colonies of a highly mobile seabird. <i>Oecologia</i> , 2012, 168, 119-130.	0.9	59
10	Carbon and sediment accumulation in the Everglades (USA) during the past 4000 years: Rates, drivers, and sources of error. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	55
11	Mercury cycling in agricultural and managed wetlands of California, USA: Seasonal influences of vegetation on mercury methylation, storage, and transport. <i>Science of the Total Environment</i> , 2014, 484, 308-318.	3.9	55
12	Holocene dynamics of the Florida Everglades with respect to climate, dustfall, and tropical storms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17211-17216.	3.3	51
13	Mercury cycling in agricultural and managed wetlands, Yolo Bypass, California: Spatial and seasonal variations in water quality. <i>Science of the Total Environment</i> , 2014, 484, 276-287.	3.9	51
14	Opinion: Why we need a centralized repository for isotopic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2997-3001.	3.3	50
15	Hydrogeochemistry of prairie pothole region wetlands: Role of long-term critical zone processes. <i>Chemical Geology</i> , 2014, 387, 170-183.	1.4	49
16	Effects of plant community composition and exposure to wave action on invertebrate habitat use of Lake Huron coastal wetlands. <i>Lakes and Reservoirs: Research and Management</i> , 2002, 7, 255-269.	0.6	48
17	Individual specialization in the foraging habits of female bottlenose dolphins living in a trophically diverse and habitat rich estuary. <i>Oecologia</i> , 2015, 178, 415-425.	0.9	42
18	Reproductive Allochryony in Seasonally Sympatric Populations Maintained by Differential Response to Photoperiod: Implications for Population Divergence and Response to Climate Change. <i>American Naturalist</i> , 2016, 187, 436-446.	1.0	42

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19	Age-specific vibrissae growth rates: A tool for determining the timing of ecologically important events in Steller sea lions. <i>Marine Mammal Science</i> , 2015, 31, 1213-1233.	0.9	41
20	Variation in hair $\delta^{13}C$ and $\delta^{15}N$ values in long-tailed macaques ( <i>Macaca fascicularis</i> ) from Singapore. <i>Primates</i> , 2014, 55, 25-34.	0.7	39
21	Foraging habits in a generalist predator: Sex and age influence habitat selection and resource use among bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Marine Mammal Science</i> , 2015, 31, 155-168.	0.9	39
22	Evidence of cryptic individual specialization in an opportunistic insectivorous bat. <i>Journal of Mammalogy</i> , 2012, 93, 381-389.	0.6	37
23	Metamorphosis Affects Metal Concentrations and Isotopic Signatures in a Mayfly ( <i>Baetis</i> ). <i>Environmental Science &amp; Technology</i> , 2017, 51, 2438-2446.	4.6	35
24	Selenium and mercury concentrations in harbor seals ( <i>Phoca vitulina</i> ) from central California: Health implications in an urbanized estuary. <i>Marine Pollution Bulletin</i> , 2014, 83, 48-57.	2.3	32
25	Mercury in gray wolves ( <i>Canis lupus</i> ) in Alaska: Increased exposure through consumption of marine prey. <i>Science of the Total Environment</i> , 2014, 468-469, 609-613.	3.9	32
26	Mercury cycling in agricultural and managed wetlands of California, USA: Experimental evidence of vegetation-driven changes in sediment biogeochemistry and methylmercury production. <i>Science of the Total Environment</i> , 2014, 484, 300-307.	3.9	28
27	Migratory divides coincide with reproductive barriers across replicated avian hybrid zones above the Tibetan Plateau. <i>Ecology Letters</i> , 2020, 23, 231-241.	3.0	27
28	Mercury bioaccumulation and biomagnification in Ozark stream ecosystems. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2215-2224.	2.9	25
29	Discrimination of carbon and nitrogen isotopes from milk to serum and vibrissae in Alaska Steller sea lions ( <i>Eumetopias jubatus</i> ). <i>Canadian Journal of Zoology</i> , 2008, 86, 17-23.	0.4	24
30	Seasonal persistence of marine-derived nutrients in south-central Alaskan salmon streams. <i>Ecosphere</i> , 2013, 4, 1-18.	1.0	23
31	Effects of Trophic Level and Metamorphosis on Discrimination of Hydrogen Isotopes in a Plant-Herbivore System. <i>PLoS ONE</i> , 2012, 7, e32744.	1.1	22
32	Isotopic Characterization of Flight Feathers in Two Pelagic Seabirds: Sampling Strategies for Ecological Studies. <i>Condor</i> , 2010, 112, 337-346.	0.7	21
33	Trophic pathways supporting juvenile Chinook and coho salmon in the glacial Susitna River, Alaska: patterns of freshwater, marine, and terrestrial food resource use across a seasonally dynamic habitat mosaic. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1626-1641.	0.7	17
34	Wood decay in desert riverine environments. <i>Forest Ecology and Management</i> , 2016, 365, 83-95.	1.4	17
35	In vivo isotopic fractionation of zinc and biodynamic modeling yield insights into detoxification mechanisms in the mayfly <i>Neocloeon triangulifer</i> . <i>Science of the Total Environment</i> , 2017, 609, 1219-1229.	3.9	17
36	Mechanisms Associated with an Advance in the Timing of Seasonal Reproduction in an Urban Songbird. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	17

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37	Using stable isotopes to understand hydrochemical processes in and around a Prairie Pothole wetland in the Northern Great Plains, USA. <i>Applied Geochemistry</i> , 2011, 26, S97-S100.	1.4	16
38	The early bird gets the shrimp: confronting assumptions of isotopic equilibrium and homogeneity in a wild bird population. <i>Journal of Animal Ecology</i> , 2012, 81, 1223-1232.	1.3	16
39	Migratory strategy explains differences in timing of female reproductive development in seasonally sympatric songbirds. <i>Functional Ecology</i> , 2019, 33, 1651-1662.	1.7	16
40	Benthic Algal (Periphyton) Growth Rates in Response to Nitrogen and Phosphorus: Parameter Estimation for Water Quality Models. <i>Journal of the American Water Resources Association</i> , 2019, 55, 1479-1491.	1.0	12
41	Ecotoxicoparasitology: Understanding mercury concentrations in gut contents, intestinal helminths and host tissues of Alaskan gray wolves ( <i>Canis lupus</i> ). <i>Science of the Total Environment</i> , 2015, 536, 866-871.	3.9	11
42	Retrospective analysis of bottlenose dolphin foraging: A legacy of anthropogenic ecosystem disturbance. <i>Marine Mammal Science</i> , 2013, 29, 705-718.	0.9	10
43	Energetic and health effects of protein overconsumption constrain dietary adaptation in an apex predator. <i>Scientific Reports</i> , 2021, 11, 15309.	1.6	10
44	A migratory divide spanning two continents is associated with genomic and ecological divergence. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 722-736.	1.1	10
45	Unexpected hydrogen isotope variation in oceanic pelagic seabirds. <i>Oecologia</i> , 2014, 175, 1227-1235.	0.9	9
46	Evidence of postbreeding prospecting in a long-distance migrant. <i>Ecology and Evolution</i> , 2021, 11, 599-611.	0.8	9
47	Ecotoxicoparasitology of the gastrointestinal tracts of pinnipeds: the effect of parasites on the potential bioavailability of total mercury (THg). <i>Science of the Total Environment</i> , 2018, 631-632, 233-238.	3.9	8
48	Temporal records of diet diversity dynamics in individual adult female Steller sea lion ( <i>Eumetopias</i> )	0.9	7
49	The reuse of avian samples: opportunities, pitfalls, and a solution. <i>Ibis</i> , 2022, 164, 343-349.	1.0	7
50	Breeding at higher latitude is associated with higher photoperiodic threshold and delayed reproductive development in a songbird. <i>Hormones and Behavior</i> , 2021, 128, 104907.	1.0	5
51	Bridging the Gap Between Salmon Spawner Abundance and Marine Nutrient Assimilation by Juvenile Salmon: Seasonal Cycles and Landscape Effects at the Watershed Scale. <i>Ecosystems</i> , 2020, 23, 338-358.	1.6	4
52	Improved arrival-date estimates of Arctic-breeding Dunlin ( <i>Calidris alpina arctica</i> ). <i>Auk</i> , 2015, 132, 408-421.	0.7	3
53	Carbon Chemistry of Intact Versus Chronically Drained Peatlands in the Southeastern USA. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2019, 124, 2751-2767.	1.3	3
54	Summer/fall diet and macronutrient assimilation in an Arctic predator. <i>Oecologia</i> , 2022, 198, 917-931.	0.9	2

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55	Comment on "Donders, T.H. 2014. Middle Holocene humidity increase in Florida: Climate or sea-level? Quaternary Science Reviews 103: 170-174", Quaternary Science Reviews, 2015, 128, 138-141.	1.4	0